Openfunds Fields (sorted by OF-ID)

Status: FINAL

Version: Version 1.23

(Including fields of this and all preceding versions.)

Date: 2018-05-03

Notice: IMPORTANT NOTICE:

This list (version 1.23.05) contains further enhancements due to various regulations as well as corrections of version 1.22. To receive more information about the initiative openfunds, visit https://www.openfunds.org.

In general, openfunds uses lower case for values, i.e. "yes" / "no". However, implementations of interfaces based on the openfunds standard should not be case sensitive as many existing systems use a different diction.

Please note, that an empty field means "unknown" as a general rule within openfunds. To avoid any deletion of a value in the receiving database, openfunds recommends to use the command "[IGNORE]" instead of a value. (Without quotation marks, but including square brackets. All capital letters).

Excel knows different ways of formatting percentage figures. As some of them might not convert properly into decimal figures, openfunds strongly recommends using decimal figures only.

Recipients covered by this report:

No Filter

Data Identifier (OF-ID) and Field Tags:

| OF-ID Range | Field Tags | |
|-------------------------|---|--|
| OFST000001 - OFST000999 | General information | |
| OFST001000 - OFST004999 | Key Fact: Company | |
| OFST005000 - OFST009999 | Key Fact: Umbrella | |
| OFST010000 - OFST019999 | Key Fact: Fund | |
| OFST020000 - OFST049999 | Key Fact: Share Class | |
| OFST050000 - OFST054999 | Key Fact: Fund Manager | |
| OFST060000 - OFST064999 | Key Fact: Listing | |
| OFST100000 - OFST109999 | Eligibility Fields | |
| OFST160000 - OFST164999 | Legal structure | |
| OFST350000 - OFST399999 | Classification | |
| OFST400000 - OFST449999 | Purchase information | |
| OFST450000 - OFST499999 | Fees, Costs and expenses | |
| OFST500000 - OFST519999 | Solvency II | |
| OFST6000XX - OFST6999XX | Multiple country field (XX=ISO country code) | |
| OFST700000 - OFST799999 | Country specific field | |
| OFST800000 - OFST819999 | Taxes | |
| OFST900000 - OFST999900 | Internal fields of different recipients. Please see the next page for a detailed overview of assigned blocks. | |
| OFST999990 | Non-openfunds field (use senders field name instead) | |
| OFST999999 | Field to ignore (during transmission) | |
| OFDY000001 - OFDY000999 | Prices, assets and number of shares | |
| OFDY005000 - OFDY005999 | Corporate actions including dividends | |
| OFDY006000 - OFDY009999 | Taxes | |
| OFDY023000 - OFDY023999 | Costs | |
| OFDY025000 - OFDY049999 | Performance and risk data | |
| OFDY100000 - OFDY100100 | Specific fields for data transmission | |
| OFNW000001 - OFNW00019 | News meta data | |
| OFNW000600 - OFNW00069 | News content | |
| OFNW6000XX -OFNW6999X | Multiple news related country field (XX=ISO country codes) | |
| OFNW900000 - OFNW99990 | Internal fields of different recipients For more details please refer to description of OFST900000- | |
| | OFST999900. | |
| OFNW999990 | Non-openfunds news field (use senders field name instead) | |

OFST900000 - OFST999900 Internal fields of different recipients:

Already assigned blocs:

OFST900000 - OFST900299 (fundinfo)

OFST900300 - OFST900599 (UBS)

OFST900600 - OFST900799 (Julius Baer)

OFST900800 - OFST900999 (Acolin)

OFST901000 - OFST901299 (Credit Suisse)

OFST901300 - OFST901349 (ifsam)

OFST901400 - OFST901699 (SIX)

Please contact businessoffice@openfunds.org, if you would like to apply for internal numbers.

OF-ID OFST001000 Field Name Fund Group Name

Field Tags Key Fact: Company | News

Field Level Company Link Reference

Data Type string Introduced / Revoked 0.86 / --

Description Overall brand name of the fund company. Not necessarily identical with the

management company's (OFST001020 ManCo) name. For more information please

refer to graph shown in description of field "OFST001020 ManCo".

This field's OF-ID can also include a language tag, i.e. OFST001000(zh-Hant) for Fund

Group Name written in traditional Chinese. For more information please refer to

https://www.openfunds.org/en/language-tags.

Values

Example UBS

OF-ID OFST001020 Field Name ManCo

PRIIP data | EMT | MiFID II data | Key Fact: Company | CEPT | EPT Field Tags

Field Level Company Link Reference OFST001030

Data Type string Introduced / Revoked 0.86 /

Description The name of the legal entity that is in charge of managing the fund (this includes, in general, portfolio management, administration and distribution). A common fund (FCP) must be managed by a Management Company. For a self-managed SICAV it is the name of the SICAV itself. Other terms are "KVG", "Fondsleitung" or "Investment Company".

> This field's OF-ID can also include a language tag, i.e. OFST001020(zh-Hant) for ManCo written in traditional Chinese. For more information please refer to https://www.openfunds.org/en/language-tags.

> // The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is:

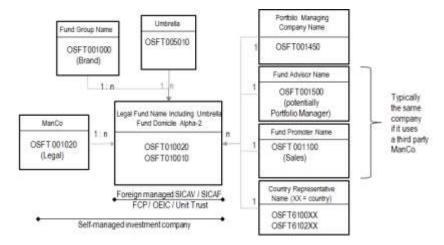
EPT: 00010_Portfolio_Issuer_Name

and the corresponding field to the CEPT (addition to the EPT) is:

CEPT-RHPs: 30010 Portfolio Issuer Name//

// The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is:

EMT: 00070 Financial Instrument Issuer Name//



Values Name of Management Company

ERSTE-SPARINVEST KAG Example

OF-ID OFST001030 Field Name LEI Of ManCo

Field Tags Key Fact: Company | PRIIP data | MiFID II data | Codes

Field Level Company Link Reference OFST001020

Data Type string Introduced / Revoked 0.87 / --

Description The Legal Entity Identifier (LEI) for the company entity ("ManCo OFST001020"). The Legal

Entity Identifier (LEI) code is designed to create a global reference data system that uniquely identifies every legal entity or structure, in any jurisdiction, that is part of a financial transaction. The 20 digit alpha numeric code is constructed as follows: Local

Operating Unit (4 characters) - Reserved characters (2) - Entity Identifier (12) -

Verification ID (2).

Values Example

OF-ID OFST001035 Field Name Domicile of the ManCo

Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type string Introduced / Revoked 1.23 / --

Description Domicile of the ManCo. Please use ISO 3166-1-alpha-2 code (i.e. SE for Sweden).

Values "[List] of ISO 3166-1-alpha-2 country codes as it can be found

onhttps://en.wikipedia.org/wiki/ISO_3166-1 or on https://www.iso.org."

Example AU

OF-ID OFST001040 Field Name Is Self-Managed Investment Company

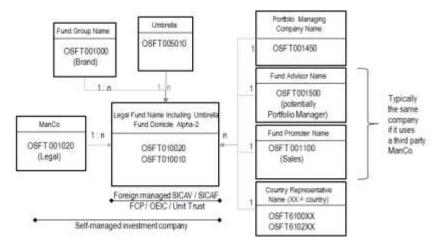
Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type boolean Introduced / Revoked 1.23 / --

Description If there is no differnece between ManCo (OFST001020), Legal Fund Name Including Umbrella (OFST010020) and Fund Domicile Alpha 2 (OFST010010), please fill in "yes" in

this field as it is a Self-Managed investment company otherwhise populate "no".



Values "yes" / "no"

Example yes

OF-ID **OFST001050** Field Name **Fund Guarantor**

Field Tags EPT | MiFID II data | Key Fact: Company | PRIIP data | EMT

Field Level Company Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description Name of the entity to which the investor bears a counterparty risk, if such a risk exists

and the entity is different from OFST001020 ManCo.

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is: EPT: 00020_Portfolio_Guarantor_Name//

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 00080_Financial_Instrument_Guarantor_Name//

Values Name of fund guarantor.

Example

OF-ID OFST001100 Field Name Fund Promoter Name

Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type string Introduced / Revoked 0.86 / --

Description Typically a specialized asset management company that uses one or more third party

fund providers to set up their funds. Usually the fund promoter does the asset

management and the promotion of the fund by itsself.

This field's OF-ID can also include a language tag, i.e. OFST001100(zh-Hant) for Fund Promotor Name written in traditional Chinese. For more information please refer to

https://www.openfunds.org/en/language-tags.

Values

Example

OF-ID OFST001300 Field Name Fund Administrator Name

Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Name of the fund administrator as mentioned in official documents (i.e. prospectus).

This field's OF-ID can also include a language tag, i.e. OFST001300(zh-Hant) for Fund Administrator Name written in traditional Chinese. For more information please refer to

https://www.openfunds.org/en/language-tags.

Values

OF-ID **OFST001400** Field Name **Custodian Bank Name**

Field Tags Key Fact: Company

Field Level Company Link Reference OFST001410

Data Type string Introduced / Revoked 0.85 / --

Description Name of custodian bank as listed in official documents (i.e. prospectus).

This field's OF-ID can also include a language tag, i.e. OFST001400(zh-Hant) for Custodian Bank Name written in traditional Chinese. For more information please refer

to https://www.openfunds.org/en/language-tags.

Values

Example

OF-ID OFST001410 Field Name LEI Of Custodian Bank

Field Tags PRIIP data | Companies | MiFID II data | Codes

Field Level Fund Link Reference OFST001400

Data Type string Introduced / Revoked 1.22 / --

Description The Legal Entity Identifier (LEI) for the custodian bank entity ("Custodian Bank Name

OFST001400"). The Legal Entity Identifier (LEI) code is designed to create a global reference data system that uniquely identifies every legal entity or structure, in any jurisdiction, that is part of a financial transaction. The 20 digit alpha numeric code is constructed as follows: Local Operating Unit (4 characters) - Reserved characters (2) -

Entity Identifier (12) - Verification ID (2).

Values

Example

OF-ID OFST001415 Field Name Domicile of the Custodian

Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type string Introduced / Revoked 1.23 / --

Description Domicile of the Custodian. Please use ISO 3166-1-alpha-2 code (i.e. SE for Sweden).

Values "[List] of ISO 3166-1-alpha-2 country codes as it can be found

onhttps://en.wikipedia.org/wiki/ISO_3166-1 or on https://www.iso.org."

Example AU

OF-ID OFST001450 Field Name Portfolio Managing Company Name

Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type string Introduced / Revoked 0.86 / -

Description Name of the Company that is making the main investment decisions and usually is

triggering the trades. Other expressions: Lead Portfolio Manager, Management

Company or Investment Advisor (also see OFST001500 Fund Advisor Name).

This field's OF-ID can also include a language tag, i.e. OFST001450(zh-Hant) for Portfolio Managing Company Name written in traditional Chinese. For more information please

refer to https://www.openfunds.org/en/language-tags.

Values

Example CDE Investment Corp.

OF-ID OFST001500 Field Name Fund Advisor Name

Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type string Introduced / Revoked 0.86 / --

Description Name of the Company that is supporting the Portfolio Managing Company

(OFST001450) by giving advice, if any. Please note, that no such advisor exists in most cases. Very seldom the advisor is the main investment decision taker. In this case "OFST001450 Portfolio Managing Company Name" and this field should contain the

same name.

This field's OF-ID can also include a language tag, i.e. OFST001500(zh-Hant) for Fund Advisor Name written in traditional Chinese. For more information please refer to

https://www.openfunds.org/en/language-tags.

Values

Example ABC advisor

OF-ID **OFST001600** Field Name **Auditor Name**

Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description The firm responsible for auditing the financial statements of the mutual fund company.

This field's OF-ID can also include a language tag, i.e. OFST001600(zh-Hant) for Auditor

Name written in traditional Chinese. For more information please refer to

https://www.openfunds.org/en/language-tags.

Values

OF-ID OFST001890 Field Name **Has Collateral Manager** Field Tags Key Fact: Fund | Key Fact: Company Link Reference OFST001900 Field Level Fund Introduced / Revoked 0.86 / --Data Type boolean Description Is there a collateral manager for this fund? Values "yes" / "no" Example no OF-ID OFST001900 Field Name **Collateral Manager Name** Field Tags Key Fact: Company Field Level Company Link Reference OFST001890 Data Type string Introduced / Revoked 0.85 / --Description Name of the company who is managing the collateral of the Swap. Multiple collateral manager names are separated by pipe "|" (ASCII 124) as company names may contain commas. This field's OF-ID can also include a language tag, i.e. OFST001900(zh-Hant) for Collateral Manager Name written in traditional Chinese, For more information please refer to https://www.openfunds.org/en/language-tags. Values names of companies (separated by pipe "|") Example OF-ID OFST002000 Field Name **Marketmaker Name** Field Tags Key Fact: Company Field Level Company Link Reference Introduced / Revoked 0.85 / --Data Type string Description Company names performing market making at this stock exchange. Multiple marketmaker names are separated by pipe "|" (ASCII 124) as company names may contain commas.

This field's OF-ID can also include a language tag, i.e. OFST002000(zh-Hant) for Market Maker Name written in traditional Chinese. For more information please refer to https://www.openfunds.org/en/language-tags.

Values names of companies (separated by pipe "|")

Example China Merchants Securities (HK) Co., Limited | Bank Julius Bär & Co. AG | Société

Générale S.A. Frankfurt

OF-ID **OFST002700** Field Name **Transfer Agent Name**

Field Tags Key Fact: Company

Field Level Company Link Reference

Data Type string Introduced / Revoked 0.9 / --

Description Name of the transfer agent.

This field's OF-ID can also include a language tag, i.e. OFST002700(zh-Hant) for Transfer

Agent Name written in traditional Chinese. For more information please refer to

https://www.openfunds.org/en/language-tags.

Values

Example ABC Ltd

OF-ID OFST002760 Field Name Dissemination Recipient

Field Tags Key Fact: Company | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.87 / --

Description The field Dissemination Recipient restricts dissemination of this specific share class to

the mentioned recipients, separated by comma. The recipients are identified by an unique four digit alphanumeric code that is distributed by fundinfo. If you have a need

for a recipient code, please send your request to businesssupport@fundinfo.com.

Values [List of four digit alphanumeric codes]

Example UBSW,CSUI,CSAM,IFND

OF-ID OFST002900 Field Name Global Intermediary Identification Number

Field Tags Key Fact: Company | Codes

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.91 / --

Description Fund's Global Intermediary Identification Number (GIIN). If the legal entitiy (=fund) is a

sponsored entity, please provide the sponsoring entity's GIIN number. The GIIN contains 19 characters including the three points. For more information please

consider http://blog.fatcasmart.com/whats-in-a-giin/

Values "xxxxxx.xxxxx.xxxxxx"

OF-ID **OFST005010** Field Name **Umbrella**

Field Tags Key Fact: Umbrella

Field Level Umbrella Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Name of the fund umbrella according to the Prospectus. In practice, one provider

may be responsible for more than one fund umbrella structure. Leave the field blank in

case the fund is a single fund structure.

This field's OF-ID can also include a language tag, i.e. OFST005010(zh-Hant) for Umbrella Name written in traditional Chinese. For more information please refer to

https://www.openfunds.org/en/language-tags.

Values

Example

OF-ID OFST010035 Field Name LEI Of Umbrella

Field Tags Codes | Key Fact: Umbrella

Field Level Umbrella Link Reference OFST005010

Data Type string Introduced / Revoked 1.23 / --

Description The Legal Entity Identifier (LEI) for a Umbrella (OFST010035) where this is applicable. If it is not applicable please leave this field empty and only populate the field "OFST010030"

LEI Of Fund" instead. However, is the LEI Of Umberlla applicable, please fill in this field

and LEI Of Fund (OFST010030) as well.

The Legal Entity Identifier (LEI) code is designed to create a global reference data system that uniquely identifies every legal entity or structure, in any jurisdiction, that is part of a financial transaction. The 20 digit alpha numeric code is constructed as follows: Local Operating Unit (4 characters) - Reserved characters (2) - Entity Identifier

(12) - Verification ID (2).

Values Values 20 digit alpha numeric code

OF-ID **OFST010010** Field Name **Fund Domicile Alpha-2**

Field Tags Dynamic Data | MiFID II data | PRIIP data | MiFID II target market | Solvency II | Key

Fact: Fund | News | Execution data

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Domicile of the fund. Please use ISO 3166-1-alpha-2 code (i.e. SE for Sweden).

Values [List] of ISO 3166-1-alpha-2 country codes as it can be found on

https://en.wikipedia.org/wiki/ISO_3166-1 or on https://www.iso.org.

Example AU

OF-ID OFST010011 Field Name Fund Domicile Alpha-3

Field Tags Key Fact: Fund

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.91 / --

Description Domicile of the fund. Please use ISO 3166-1-alpha-3 code (i.e. SWE for Sweden).

Please note: openfunds recommends using "OFST010010 Fund Domicile Alpha-2" instead as this seems to be used more often compared to alpha-3 country codes.

Values [List] of ISO 3166-1-alpha-3 country codes as it can be found on

https://en.wikipedia.org/wiki/ISO_3166-1 or on https://www.iso.org.

Example AUS

OF-ID OFST010020 Field Name Legal Fund Name Including Umbrella

Field Tags News | Solvency II | Key Fact: Fund | MiFID II data | Dynamic Data | MiFID II target

market | PRIIP data | Execution data

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.86 / --

Description Legal name of the collective investment scheme as mentioned in official documents

(i.e. prospectus). If the fund belongs to an umbrella, the name of the umbrella must be included, too. Umbrella and subfunds name should be separated by "-", i.e. "blank"

(ASCII 32) "dash" (ASCII 45) "blank" (ASCII 32).

In combination with the fund's domicile (OFST010010 Fund Domicile Alpha-2) the Legal Fund Name should be unique in order to avoid mix-ups in cases where no identifier like

an ISIN is available.

This field's OF-ID can also include a language tag, i.e. OFST010020(zh-Hant) for Legal Fund Name Including Umbrella written in traditional Chinese. For more information

please refer to https://www.openfunds.org/en/language-tags.

Values Fund name as mentioned in the prospectus including umbrella's name.

OF-ID OFST010030 Field Name LEI Of Fund

Field Tags Codes

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.86 / --

Description The Legal Entity Identifier (LEI) for a fund, where this is applicable, i.e. for a FCP. The

Legal Entity Identifier (LEI) code is designed to create a global reference data system that uniquely identifies every legal entity or structure, in any jurisdiction, that is part of a financial transaction. The 20 digit alpha numeric code is constructed as follows: Local

Operating Unit (4 characters) - Reserved characters (2) - Entity Identifier (12) -

Verification ID (2).

Values 20 digit alpha numeric code Example 5299000WPE4NBFY34K47

OF-ID OFST010110 Field Name Legal Fund Name Only

Field Tags Key Fact: Fund

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Name of fund or subfund, as listed in prospectus. Neither an available umbrella, nor

the specifications of the share class such as currency, distribution policy etc. must be included. In case the fund is not part of an umbrella structure, please maintain the

indication of the fund name as listed in the prospectus.

In case the umbrella name is part of the subfund name in official legal documents such as prospectus, openfunds recommends to list the unique subfund name's part only, without repeating the umbrella name. The intention of the OFST010110 Legal Fund Name Only is to provide an option for generating the OFST010020 Legal Fund Name Including Umbrella by combining OFST010110 Legal Fund Name Only and OFST005010 Umbrella.

This field's OF-ID can also include a language tag, i.e. OFST010110(zh-Hant) for Legal Fund Name Only written in traditional Chinese. For more information please refer to https://www.openfunds.org/en/language-tags.

Values

Example ESPA Bond Danubia

OF-ID **OFST010205** Field Name **Has Duration Hedge**

Field Tags Key Fact: Fund

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.92 / --

Description Is it very likely, that there is a duration hedge implemented within this share class?

Values "yes" / "no"

Example yes

| OF-ID | OFST010210 | Field Name | Portfolio Currency Hedge | |
|--|--|--|---|--|
| Field Tags | Attribute | | | |
| Field Level | Fund | | Link Reference | |
| Data Type | string | | Introduced / Revoked 0.91 / | |
| Description | Indicates, if any, what kind of currency hedge is implemented within the portfolio. Please note, that there is a significant difference between "OFST020262 Share Class NAV Hedge", which relates to a specific share class' currency hedge on the NAV and this field, that relates to the underlying portfolio. | | | |
| | Possible Values are: No hedge: Currency exposure remains the same. Just calculation and accounting currency changes. | | | |
| | Full portfolio hedge: Full or near full hedging of non-Fund Currency positions within fund. Only use "full portfolio hedge", if portfolio's currency hedge is permanently 90% or more. | | | |
| | Currency overlay: Currency allocation is a separate process in the investment decision. It considers both active views and optimization aspects. Partial hedge: Guidelines limit exposure to currencies other than the fund currency to 10%. Implementation can include tactical views of fund manager. | | | |
| | | | | |
| Values Example | "no hedge" / "fu no hedge | II portfolio he | dge" / "currency overlay" / "partial hedge" | |
| | no hedge | Il portfolio he | edge" / "currency overlay" / "partial hedge" Has Embedded Derivatives | |
| Example | no hedge | | | |
| Example OF-ID | no hedge OFST010220 | | | |
| Example OF-ID Field Tags | no hedge OFST010220 Key Fact: Fund | | Has Embedded Derivatives | |
| OF-ID Field Tags Field Level Data Type | no hedge OFST010220 Key Fact: Fund Fund boolean If the prospecture will not be class | Field Name Is allows the unified as a derifiend might be | Has Embedded Derivatives Link Reference | |
| OF-ID Field Tags Field Level Data Type | no hedge OFST010220 Key Fact: Fund Fund boolean If the prospectu will not be class means that the | Field Name Is allows the use of the second might be resident to the second management to the se | Link Reference Introduced / Revoked 0.9 / usage of derivatives for Efficient Portfolio Management, it ivative product, i.e. it has no embedded derivatives. "Yes" be classified as a derivative product and therefore might ent includes: | |

"yes" / "no"

yes

Values Example OF-ID OFST010222 Field Name Has Capital Preservation

Field Tags EPT | PRIIP data | Key Fact: Fund

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 1.1 / --

Description Identifies if a capital preservation method is used (Y) or not (N).

//This field was declared mandatory for the German market (PIA model) by the European Working Group in their PRIIPs Data Dictionary Template (EPT). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT) is:

EPT: 06040_Existing_Capital_Preservation//

Values "yes" / "no"

Example yes

OF-ID OFST010223 Field Name Capital Preservation Level

Field Tags Key Fact: Fund | EPT | PRIIP data

Field Level Fund Link Reference OFST010222

Data Type double Introduced / Revoked 1.1 / --

Description The level of capital preservation. In a constant proportion portfolio insurance (CPPI)

strategy this level is also called floor. It is calculated by 100% minus the maximum possible loss in percentage points (= cushion). Linked to field "OFST010222 Has Capital

Preservation".

//This field was declared mandatory for the German market (PIA model) by the European Working Group in their PRIIPs Data Dictionary Template (EPT). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT) is:

EPT: 06050_Capital_Preservation_Level//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.70 (instead of 70%)

OF-ID OFST010225 **Capital Preservation Period** Field Name Key Fact: Fund | PRIIP data | EPT Field Tags Field Level Fund Link Reference OFST010223 Data Type string Introduced / Revoked 1.1 / --Description The time interval that is linked to the "OFST010223 Capital Preservation Level". In case you would like to indicate a specifc date rather than a period, please leave this field empty and provide the date in the field "OFST010226 Capital Preservation Date". //This field was introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT) and declared mandatory for the German market (PIA model). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT) is: EPT: 06060_Time_Interval_Maximum_Loss For translating openfunds values (string) into the PRIIP format (number), please use the following table: daily --> 252 twice a week --> 104 weekly --> 52 twice a month --> 24 monthly 12 --> quarterly --> 2 twice a year --> annually --> at least annually --> 0// "daily" / "twice a week" / "weekly" / "twice a month" / "monthly" / "quarterly" / "twice a Values year" / "annually" / "at least annually" daily Example OF-ID OFST010226 Field Name **Capital Preservation Date** PRIIP data | EPT | Key Fact: Fund Field Tags Field Level Fund Link Reference OFST010225 date Introduced / Revoked 1.22 / --Data Type Description This field complements the field "OFST010225 Capital Preservation Period" in order to connect the "OFST010223 Capital Preservation Level" to a fixed date. Please leave the field "OFST010225 Capital Preservation Period" empty in case you fill this field (the same applies vice versa). //This field was introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT) and declared mandatory for the German market (PIA model). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT) is: EPT: 06060 Time Interval Maximum Loss// Values YYYY-MM-DD

2018-01-05

OF-ID OFST010227 Field Name Has CPPI

Field Tags PRIIP data | EPT | Key Fact: Fund

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 1.1 / --

Description Is the fund capital protected by using the Constant Proportion Portfolio Insurance

(CPPI) method?

//This field was introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT) and declared mandatory for the German market (PIA model). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT)

is:

EPT: 06070_Uses_PI//

Values "yes" / "no"

Example yes

OF-ID OFST010228 Field Name CPPI Multiplier

Field Tags Key Fact: Fund | PRIIP data | EPT

Field Level Fund Link Reference OFST010227

Data Type double Introduced / Revoked 1.1 / --

Description In a constant proportion portfolio insurance (CPPI) strategy the multiplier defines the

initial amount invested in risky assets. This initial amount is calculated by multiplying the "OFST010228 CPPI Multiplier" with the cushion, i.e. the maximal loss in percentage figures. For example, if an investor accepts a 20% cushion with a multiplier of 4; 80% of

the portfolio can be invested in risky assets.

//This field was introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT) and declared mandatory for the German market (PIA model). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT)

IS:

06080_Multiplier_PI//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 5

OF-ID OFST010230 Field Name Has Hedge Fund Strategy

Field Tags Attribute

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 0.87 / --

Description Are the fund's asset managed along one or more hedge fund strategies?

In the following are some examples of common hedge fund strategies: 'Long/Short Equity'; 'Fixed Income Arbitrage'; 'Convertible Arbitrage'; 'Relative Value Arbitrage';

'Merger Arbitrage'; 'Event Driven'; 'Global Macro'; 'Distressed'

Values "yes" / "no"

Example no

OF-ID **OFST010240** Field Name **Fund Launch Date**

Field Tags PRIIP data | Key Fact: Fund | CEPT

Field Level Fund Link Reference

Data Type date Introduced / Revoked 1.1 / --

Description Date of launch of the fund, i.e. its first share class. This field represents the age of the

fund even if the eldest share class is dormant or liquidated. Therefore, it may happen,

that there is no correspondent OFST020560 Share Class Launch Date.

//This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT.

CEPT-PRICES: 10080_Portfolio_Historical_Start_Date//

Values YYYY-MM-DD Example 1973-09-22

OF-ID OFST010300 Field Name Investment Objective

Field Tags PRIIP data | Key Fact: Share Class | EPT

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Description of the investment objective.

This field's OF-ID can also include a language tag, i.e. OFST010300(fr) for Investment Objective in French. For more information please refer to https://www.openfunds.org/en/language-tags.

Please note, in case you would like to convert this field into EPT that the corresponding EPT field only allows up to 2500 characters. The openfunds standard does not define the length of a string value.

// The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is: EPT: 04040 Investment objective Portfolio//

Values Example OF-ID OFST010410 Field Name Fund Currency

Field Tags Dynamic Data | Key Fact: Fund

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Base currency of the fund. Please use ISO 4217 (e.g. EUR). The fund currency reflects

the accounting currency for the fund and should not be mixed up with the Share Class

Currency (OFST020540).

Values [List] of currencies. Please use ISO code 4217 as it can be found on

https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

Example EUR

OF-ID OFST010420 Field Name Open-ended Or Closed-ended Fund Structure

Field Tags Key Fact: Fund

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.88 / --

Description Is it possible to subscribe or redeem shares of the fund on a regular basis, i.e. daily? If

yes, it is an open-ended fund. If no, it is a closed-ended fund.

Values "open-ended fund" / "closed-ended fund"

Example open-ended fund

OF-ID OFST010440 Field Name Fiscal Year End

Field Tags Key Fact: Fund

Field Level Fund Link Reference

Data Type date Introduced / Revoked 0.86 / --

Description Fiscal year end of fund.

Values MM-DD Example 05-31

OF-ID OFST010500 Field Name Is Fund Of Funds

Field Taas Attribute

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 0.85 / --

Description Is the fund a fund of funds? Usually a fund of funds invests more than 10% into at least

another fund.

Values "yes" / "no"

Example no

OF-ID OFST010580 Field Name Is ETF

Field Tags Attribute | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.85 / --

Description Is the share class an Exchange Traded Fund (ETF)? This field is on share class level as

there are funds having both ETFs and non-ETFs as share classes.

Values "yes" / "no"

Example yes

OF-ID OFST010630 Field Name Is Leveraged

Field Tags Attribute | Key Fact: Fund

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 0.85 / --

Description Is it allowed to leverage the fund's asset in order to achieve accelerated returns?

Please only answer with "yes", if the following two conditions are cumulatively true:

- The allowed leverage should be above 10%.

- Leverage is to be used as an active element for generating income in portfolio

management.

Please answer "no" if the leverage is less than 10%, only passively tolerated or

mentioned in the prospectus for legal reasons.

Values "yes" / "no"

Example no

OF-ID **OFST010640** Field Name **Has 130/30 Strategy**

Field Tags Attribute

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 0.87 / --

Description "130/30 Strategy" reflects a particular investment policy of a fund. The fund may be

short of investments for up to 30% of the fund's assets. The yield realized from the short-selling are reinvested in instruments from which a high return is expected. The fund can

therefore be simultaneously 130% invested and 30% sold short.

Values "yes" / "no"

Example no

OF-ID OFST010660 Field Name Is ETC Field Tags Key Fact: Fund Field Level Fund Link Reference Introduced / Revoked 0.87 / --Data Type boolean Description Is the investment vehicle an Exchange Traded Commodity (ETC)? Values "yes" / "no" Example yes OF-ID OFST010670 Field Name Is Short Field Tags Attribute Field Level Fund Link Reference Data Type boolean Introduced / Revoked 0.85 / --Description Does the fund inverse the index performances? This field is mainly used for ETFs reversing the index performance, e.g., if the the underlying index advances by 1% the short ETF declines by 1%. "yes" / "no" Values Example no OF-ID OFST010680 Field Name Is Fund Targeting Environmental Or Social Objectives (EOS) EPT | Attribute | PRIIP data Field Tags Field Level Fund Link Reference Data Type boolean Introduced / Revoked 0.85 / --Description The manufacturer must be able to demonstrate to stakeholders the relevance of environmental or social objectives for the whole value chain of the investment process. Targeting EOS objectives implies that the money invested in the fund are effectively and predominantly employed for the achievement of the stated EOS objectives.

Source:

- Article 8 (4) of Regulation (EU) No 1286/2014 (the PRIIPs Regulation)
- ESAs Joint Consultation Paper on PRIIPs with environmental or social objectives, JC 2017 05, 10 February 2017 (https://esas-joint-

committee.europa.eu/Publications/Consultations/JC_2017_05_CP_EOS_PRIIPs_final.pdf)

// The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is:

EPT: 00100_EOS_portfolio//

//

Values "yes" / "no"

Example yes

OF-ID **OFST010720** Field Name **Is Passive Fund**

Field Tags Attribute

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 0.85 / --

Description Follows the fund very closely an index?

Values "yes" / "no"

Example yes

OF-ID OFST010900 Field Name Replication Methodology First Level

Field Tags Attribute | Key Fact: Fund

Field Level Fund Link Reference OFST010901

Data Type string Introduced / Revoked 0.85 / --

Description Replication methodology for ETFs or passive funds. This field is linked to OFST010901

Replication Methodology Second Level, that specifies the details of this field. Please note, that one can use this field (OFST010900) without completing field OFST010901 Replication Methodology Second Level, whereas this is not possible for the other way

round.

Values "physical" / "synthetical" / "others"

Example synthetical

OF-ID OFST010901 Field Name Replication Methodology Second Level

Field Tags Key Fact: Fund | Attribute

Field Level Fund Link Reference OFST010900

Data Type string Introduced / Revoked 0.89 / --

Description Specification of replication methodology for ETFs or passive funds. This field is linked to

OFST010900 Replication Methodology First Level. Please note, that one must not use this field (OFST010901) without completing field OFST010900 Replication Methodology

First Level.

| OFST010900 | OFST010901 |
|-------------------------------------|--|
| Replication Methodology First Level | Replication Methodology Second Level |
| physical | full |
| physical | optimized (equities) / sampled (bonds) |
| physical | physically backed |
| synthetical | unfunded swap |
| synthetical | funded swap |
| synthetical | combination unfunded and funded swap |
| others | futures |

Values "full"

"optimized (equities) / sampled (bonds)"

"physically backed"
"unfunded swap"
"funded swap"

"combination unfunded and funded swap"

"futures"

Example optimized (equities) / sampled (bonds)

OF-ID OFST011000 Field Name Has Securities Lending

Field Tags Key Fact: Fund

Field Level Fund Link Reference OFST011010

Data Type boolean Introduced / Revoked 0.85 / --

Description Are fund holdings lent out to other parties?

Values "yes" / "no"

Example no

OF-ID OFST011010 Field Name Securities Lending Counterparty Name

Field Tags Key Fact: Company | Key Fact: Fund

Field Level Company Link Reference OFST011000

Data Type string Introduced / Revoked 0.85 / --

Description Company names. Multiple securities lending counterparties are separated by pipe "|"

(ASCII 124) as company names may contain commas.

Values name of the companies (separated by pipe "|")

Example

OF-ID **OFST011100** Field Name **Has Swap**

Field Tags Key Fact: Fund

Field Level Fund Link Reference OFST011110

Data Type boolean Introduced / Revoked 0.86 / --

Description Are fund holdings swaped to other parties?

Values "yes" / "no"

Example yes

OF-ID OFST011110 Field Name Swap Counterparty Name

Field Tags Key Fact: Company | Key Fact: Fund

Field Level Company Link Reference OFST011100

Data Type string Introduced / Revoked 0.85 / --

Description Company names. Multiple swap counterparties are separated by pipe "|" (ASCII 124)

as company names may contain commas.

Values name of the companies (separated by pipe "|")

OF-ID OFST020000 Field Name ISIN

Field Tags EMT | PRIIP data | Solvency II | Codes | MiFID II target market | Dynamic Data |

MiFID II data | News | EPT | Key Fact: Share Class | MiFID II data | Execution data

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description International Securities Identification Number (ISIN) of the shareclass (e.g.

LU000000000). Please take good care, that an ISIN may include only upper case

letters.

Values

Example AT0000831409

OF-ID OFST020005 Field Name CUSIP

Field Tags Codes | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.91 / --

Description A 9-character alphanumeric code which identifies a North American financial

security. CUSIP stands for Committee on Uniform Securities Identification Procedures.

Values 9-character alphanumeric code

Example

OF-ID OFST020010 Field Name Valor

Field Tags Codes | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type integer Introduced / Revoked 0.85 / --

Description Swiss securities identification number (Valor).

Values

Example 672577

OF-ID OFST020015 Field Name WKN

Field Tags Codes | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description German securities identification number (Wertpapierkennnummer).

Values

Example A1J0A4

OF-ID OFST020020 Field Name Bloomberg Code

Field Tags Codes | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Bloomberg code, including country abbreviation (e.g. LX for Luxembourg). Not

applicable for ETFs as there are several Bloomberg Codes Of Listings (OFST300250).

Values

Example DANUBIA AV

OF-ID OFST020030 Field Name Legal Share Class Code

Field Tags Key Fact: Share Class | Codes

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.87 / 1

Description A unique code to identify the share class.

//No longer supported.//

Values

Example GCQSA

OF-ID OFST020040 Field Name SEDOL

Field Tags Key Fact: Share Class | Codes

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.2 / --

Description The Stock Exchange Daily Official List number. A code used by the London Stock

Exchange to identify foreign stocks, especially those that aren't actively traded in the

U.S. and don't have a CUSIP number.

Values

Example BVTW3G0

OF-ID OFST020050 Field Name Share Class Extension

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Identifier of the share class. Usually this is one or two letters, like "A" or "B" or "XL"

followed by additional information about distribution policy, hedging, currency etc.

Values

Example A

| OF-ID | OFST020060 Field Name | Full Share Class Name | |
|-------------|--|---|--|
| Field Tags | MiFID II data EPT Key Fac | ct: Share Class CEPT Hybrid Field EMT PRIIP data | |
| Field Level | Share Class | Link Reference | |
| Data Type | string | Introduced / Revoked 0.86 / | |
| Description | Full fund name including Umbrella and also the specifications of the share class. As the value of this field might be changed by the recipient, it is also tagged as a hybrid field. | | |
| | | lude a language tag, i.e. OFST020060(zh-Hant) for Full traditional Chinese. For more information please refer to 'en/language-tags. | |

Please note, in case you would like to convert this field into EMT / EPT / CEPT that the corresponding EMT / EPT / CEPT field only allows up to 255 characters. The openfunds standard does not define the length of a string value.

// The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is:

EPT: 00050_Portfolio_Name

and the corresponding field to the CEPT (addition to the EPT) is:

CEPT-RHPs: 30040_Portfolio_Name//

// The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 00030_Financial_Instrument_Name//

Values

Example

| OF-ID | OFST020070 | Field Name | Abbreviated Share Class Name |
|-------------|---|------------|------------------------------|
| Field Tags | Key Fact: Share Class Hybrid Field | | |
| Field Level | Share Class Link Reference | | |
| Data Type | string | | Introduced / Revoked 0.9 / |
| Description | Abbreviated fund name including umbrella and share class specifications. As the value of this field might be changed by the recipient, it is also tagged as a hybrid field. | | |
| Values | | | |

OF-ID OFST020080 Field Name Share Class Consolidation Key

Field Tags Key Fact: Share Class | Codes

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.87 / --

Description An unique alpha-numeric string that is equal for all share classes of a fund. Usually this

field is populated with the proprietary share class key of the fund company's database. This field helps to decide whether a new ISIN represents a new fund or a

new share class of an existing fund.

Values Any unique alpha-numeric string (per fund house) that is equal for all share classes of a

fund.

Example AP55b

OF-ID OFST020262 Field Name Share Class NAV Hedge

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.92 / --

Description Is there a currency hedge on this share class?

Please note, that this field relates only to a currency hedge on share class level. This can be a total currency hedge to the OFST010410 Fund Currency or a residual hedge in order to avoid over hedging.

To describe the kind of currency hedges within a portfolio, please refer to field "OFST010210 Portfolio Currency Hedge" (fund level).

If there is a 100% NAV hedge (this field answered with "yes, 100% NAV hedge"), the performance in "OFST020540 Share Class Currency" equals the performance in "OFST010410 Fund Currency" adjusted for the interest rate differential minus hedge costs.

If the fund manager wants to avoid overhedging, he will do a residual hedge ("yes, residual hedge"). In this case he will only hedge the proportion of the share class not invested in the currency of the Share Class Currency (OFST020540).

For more information please refer to the white paper: "Hedging" that can be found under https://www.openfunds.org/en/hedging.

Values "no", "yes, 100% NAV hedge", "yes, residual hedge"

Example yes, 100% NAV hedge

| OF-ID | OFST020300 Field Name Valuation Frequency | | | |
|-------------|--|------------------------|--|--|
| | | _ | | |
| Field Tags | Execution data EPT PRIIP data Key Fact: Share Class | | | |
| Field Level | Share Class Link Reference | | | |
| Data Type | string Introduced / Revoked 1.1 / | | | |
| Description | Periodicity of fund's net asset calculation. | | | |
| | // The correspondent PRIIP field introduced by the Europ PRIIPS Data Dictionary Template (EPT) is: 01010_Valuation_Frequency. For translating openfunds values (string) into the PRIIP for following table: daily> 252 twice a week> 104 weekly> 52 twice a month> 24 monthly> 12 quarterly> 4 twice a year> 2 annually> 1 at least annually> 0 // | | | |
| Values | "daily" / "twice a week" / "weekly" / "twice a month" / "monthly" / "quarterly" / "twice a year" / "annually" / "at least annually" | | | |
| Example | daily | | | |
| OF-ID | OFST020400 Field Name Share Class Distribution Po | licy | | |
| Field Tags | Key Fact: Share Class | | | |
| Field Level | Share Class | Link Reference | | |
| Data Type | string Intro | duced / Revoked 0.85 / | | |
| Description | | ? | | |
| Values | "accumulating" / "accumulating & distributing" / "distributing" | | | |

distributing

| OF-ID OFST020540 Field Name Sho | are Class Currency |
|---|--------------------|
|---|--------------------|

Field Tags CEPT | Key Fact: Share Class | MiFID II data | PRIIP data | EMT | Dynamic Data | EPT

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Reference currency of the share class, use ISO 4217 (e.g. EUR).

//The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is:

EPT: 00060_Share_Class_Currency

and the corresponding field to the CEPT (addition to the EPT) is:

CEPT-RHPs: 30050_Share_Class_Currency//

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is: EMT: 00040_Financial_Instrument_Currency//

Values [List] of currencies. Please use ISO code 4217 as it can be found on

https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

Example EUR

OF-ID OFST020545 Field Name Share Class Lifecycle

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.93 / --

Description Determines the actual stage of the share class lifecycle. For more information please

refer to https://www.openfunds.org/en/lifecycle.



Values "projected" / "to be launched" / "offering period" / "active" / "dormant" / "in liquidation"

/ "terminated"

Example active

| OF-ID | OFST020558 | Field Name | Subscription Period Start Date |
|-------|------------|------------|--------------------------------|
|-------|------------|------------|--------------------------------|

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type date Introduced / Revoked 0.93 / --

Description The first date of the subscription period for this share class. Usually this date is before

the "OFST020560 Share Class Launch Date". Other terms of this field are 'initial launch

date' or 'inception date'.

For more information please refer to https://www.openfunds.org/en/lifecycle.

Values YYYY-MM-DD Example 2012-10-28

OF-ID OFST020560 Field Name Share Class Launch Date

Field Tags Key Fact: Share Class

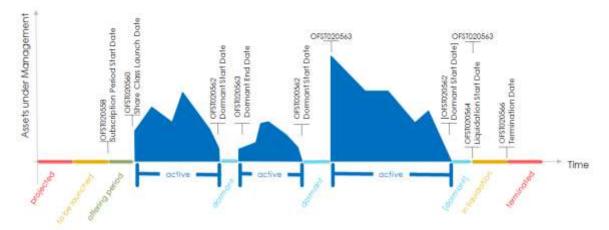
Field Level Share Class Link Reference OFST010240

Data Type date Introduced / Revoked 0.85 / --

Description Launch date of the share class. This field is linked to "OFST010240 Fund Launch Date" as the launch date of this share class must not be elder than the fund's launch date.

To distinguish launch date from inception date, openfunds defines these two often synonymously used terms as follows:

- 1) Launch date: offering period is closed and a net asset value (NAV) is calculated.
- 2) Inception date: date when share class juridically came into existance. Usually there will be an offering period. In this case the inception date would be equal to the "OFST020558 Subscription Period Start Date". However, there might be situations without offering periods, i.e. if there was a fund merger. In this case the inception date would be the "OFST020560 Share Class Launch Date".



Values YYYY-MM-DD Example 1997-07-01

OF-ID **OFST020562** Field Name **Dormant Start Date**

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference OFST020545

Data Type date Introduced / Revoked 0.93 / --

Description The date which the share class' total net assets is zero, without the share class

becoming terminated.

Values YYYY-MM-DD Example 2015-02-28

OF-ID OFST020563 Field Name Dormant End Date

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference OFST020545

Data Type date Introduced / Revoked 0.93 / --

Description The date which the share is not regarded as dormant any longer. This can be either

because it was re-activated by investing new money in it or because the share class is

entering the phase "in liquidation".

Values YYYY-MM-DD Example 2016-02-15

OF-ID OFST020564 Field Name Liquidation Start Date

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference OFST020545

Data Type date Introduced / Revoked 0.93 / --

Description First date of period, when share class is going to be terminated. Usually the share class

is closed for individual subscriptions and redemptions during this period (OFST023100 Investment Status = "closed for subscription and redemption"). However there are

general redemptions, that are defined by the ManCo.

Values YYYY-MM-DD Example 2014-04-10

OF-ID OFST020566 Field Name Termination Date

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference OFST020545

Data Type date Introduced / Revoked 0.93 / --

Description The date at which the share class is liquidated and seizes to exist. Usually this field is

linked to the status "terminated" in field "OFST020545 Share Class Lifecycle". However, it can also be used to give information about an targeted 'end date' for fixed term funds

or private equity or closed ended funds.

Values YYYY-MM-DD Example 2016-03-03

OF-ID OFST020580 Field Name Is Share Class Eligible For UCITS

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.2 / --

Description May other UCITS fund invest in this share class?

Values "yes" / "no"

Example yes

OF-ID OFST020600 Field Name Is RDR Compliant

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference OFST6030GB

Data Type boolean Introduced / Revoked 0.85 / --

Description Does the share class comply with the rules of the Retail Distribution Review (RDR) in the

UK? Please leave empty for all non-UK domiciled funds without a registration for sale in

the UK.

Values "yes" / "no"

Example yes

OF-ID OFST020620 Field Name Is Restricted To Separate Fee Arrangement

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference OFST020625

Data Type boolean Introduced / Revoked 0.91 / --

Description Indicates if this share class is available as per prospectus to end investors with fee-

based advisory agreement or similar.

Values "yes" / "no"

Example yes

OF-ID OFST020625 Field Name Has Forced Redemption

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference OFST020620

Data Type boolean Introduced / Revoked 0.91 / --

Description Indicates if an investor has to sell this share class, if he cancels the fee based advisory

mandate as mentioned in "OFST020620 Is Restricted To Separate Fee Arrangement".

Values "yes" / "no"

Example yes

OF-ID OFST023100 Field Name **Investment Status** Attribute Field Tags Field Level Share Class Link Reference Introduced / Revoked 0.85 / --Data Type string Description Status of share class for new or existing investors. soft closed: closed for new investors or limited subscription amounts; redemption is possible hard closed: closed for all investors or any amount, but redemption is possible closed for redemption: no redemption possible, but still open for subscription closed for subscription and redemption Values "open" / "soft closed" / "hard closed" / "closed for redemption" / "closed for subscription" and redemption" Example open OF-ID Field Name **Benchmark** OFST023200 Attribute Field Tags Field Level Share Class Link Reference Introduced / Revoked 0.85 / --Data Type string Description Benchmark that is used to compare share class' performance - in case of long names please use abbreviations (i.e. MSCI World). For ETFs Benchmark should be the same as "OFST023800 Index Name". Values Example MSCI World Equities TR Net OF-ID OFST023551 Field Name Frequency Of Distribution Declaration Field Tags Attribute Share Class Field Level Link Reference Introduced / Revoked 0.91 / --Data Type string Description Indication how often this share class distributes dividends. "daily" / "twice a week" / "weekly" / "twice a month" / "monthly" / "quarterly" / "twice a Values year" / "annually" / "at least annually" Example quarterly OF-ID OFST023800 Field Name **Index Name** Field Tags Attribute

Field rags /thiboto

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Index name which is tracked by the ETF.

Values

Example MSCI World Equities

OF-ID OFST023805 Field Name **Index Currency**

Attribute Field Tags

Field Level Share Class Link Reference

Introduced / Revoked 0.91 / --Data Type string

Description Currency of the index, that refers to the corresponding share class. Please use ISO 4217

(e.g. EUR) and leave empty, if index is a local currency index.

Values [List] of currencies. Please use ISO code 4217 as it can be found on

https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

Example USD

OF-ID OFST023810 Field Name **Index Type**

Attribute Field Tags

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Specification of index type: performance (total return) or price index.

[price/performance/performance net dividends/performance gross dividends].

Values "price" / "performance" / "performance net dividends" / "performance gross dividends"

Example price

OF-ID OFST023820 Field Name **Bloomberg Code Of Underlying Index**

Codes | Key Fact: Share Class Field Tags

Field Level **Share Class** Link Reference

Introduced / Revoked 0.85 / --Data Type string

Description Bloomberg code of index tracked by the ETF.

Values

Example

OF-ID OFST023830 Field Name **Reuters Code Of Underlying Index**

Field Tags Codes | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type Introduced / Revoked 0.85 / -string

Description Reuters code of index tracked by the ETF. Please take good care, that Reuters codes

are case sensitive:

.MIUS0000vNUS stands for MSCI USA Quality and

.MIUS0000VNUS stands for MSCI USA Value

Values [List] of Reuters codes.

Example .MIUS0000vNUS OF-ID OFST023850 Field Name **Denomination Base** Attribute Field Tags Field Level Share Class Link Reference Introduced / Revoked 0.85 / --Data Type double Description Ratio of fund price versus index (please indicate multiplier, in digits only). The formula for calculation is: Denomination Base = Fund Price (numerator) / Index (denominator). Values "0.01" / "0.1" / "1" / "10" / "50" / "100" / "1000" etc. 10 Example OF-ID OFST024000 Field Name SRRI Attribute | MiFID II target market | PRIIP data | MiFID II data | EMT | EPT Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type integer 0.9 / --Description What is the latest Synthetic Risk and Reward Indicator (SRRI) of this share class? The SRRI should be calculated according to the UCTIS policy which is in German defined as "Organismen für gemeinsame Anlagen in Wertpapieren" (OGAW). More details about the indicator and its computation methodology can be obtained under "https://www.esma.europa.eu/sites/default/files/library/2015/11/09_1026_final_kid_srri_ methodology_for_publication.pdf" // The correspondent PRIIP field introduced by the European Working Group with theirPRIIPS Data Dictionary Template (EPT) is:EPT: 05030_Portfolio_UCITS_SRRI// // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is:EMT: 04020_Risk_Tolerance_UCITS_Metholodology// 1/2/3/4/5/6/7 Values 5 Example OF-ID OFST024004 Field Name Has PRIIP Data Delivery PRIIP data | EPT | Key Fact: Share Class Field Tags Field Level Share Class Link Reference Data Type boolean Introduced / Revoked 1.1 / --Description Does this file / line contain PRIIPs risk and performance data? This field is for validation purpose only. // The correspondent PRIIP field introduced by the European Working Group with their

Values "yes" / "no"

PRIIPS Data Dictionary Template (EPT) is:

EPT: 05010_PRIIP_data_delivery//

Example yes

OF-ID OFST024005 Field Name Has UCITS Data Delivery

Field Tags Key Fact: Share Class | EPT | PRIIP data

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.1 / --

Description Does this file / line contain UCITS risk and performance data? This field is for validation

purpose only.

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is:

EPT: 05020_UCITS_data_delivery//

Values "yes" / "no"

Example yes

OF-ID OFST024006 Field Name UCITS KIID URL

Field Tags Key Fact: Share Class | EPT | PRIIP data

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description The URL that has to be printed on the UCITS KIID.

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is: EPT: 05090_UCITS_KID_Web_Address//

Values A valid URL like http(s)://www.xxxxx.xxx

Example https://www.credit-suisse.com

OF-ID OFST024010 Field Name Record Date For SRRI

Field Tags Attribute | MiFID II data | PRIIP data

Field Level Share Class Link Reference OFST024000

Data Type date Introduced / Revoked 0.9 / --

Description Record Date means the "As of" date as printed on the second page of the latest

published Key Investor Information Document (KIID). In case no KIID is available, Record Date For SRRI means the latest calculation date of SRRI mentioned in field

"OFST024000 SRRI".

Values YYYY-MM-DD Example 2015-02-03

OF-ID OFST024011 Field Name Has PRIIP Credit Risk

Field Tags EPT | Key Fact: Share Class | PRIIP data

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.1 / --

Description Indicator to alert if there is a credit risk. Credit risk exists only when NAV of the fund is

guaranteed and the valuation of the guarantee exceeds 10% of the NAV without any collateralisation. Cleared OTC or listed derivatives entail no credit risk for the purpose

of CRM calculation.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT) Version 20170421.

EPT: 01080 Existing Credit Risk//

Values "yes" / "no"

Example no

OF-ID OFST024012 Field Name PRIIP Credit Risk Measure

Field Tags Key Fact: Share Class | EPT | PRIIP data

Field Level Share Class Link Reference

Data Type integer Introduced / Revoked 1.1 / --

Description Credit risk measure of the fund or share class.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 01110 CRM//

Values 1/2/3/4/5/6

Example 3

OF-ID OFST024013 Field Name PRIIP Market Risk Measure

Field Tags PRIIP data | PRIIP data | Key Fact: Share Class | EPT

Field Level Share Class Link Reference

Data Type integer Introduced / Revoked 1.1 / --

Description Market Risk Measure of the fund or portfolio.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT) Version 20170421.

EPT: 01100 MRM//

Values 1/2/3/4/5/6/7

OF-ID OFST024014 Field Name **PRIIP Liquidity Risk**

PRIIP data | Key Fact: Share Class | EPT Field Tags

Field Level Share Class Link Reference

Introduced / Revoked Data Type string 1.1 / --

Description Risk of Liquidity at the level of the fund or the portfolio. M = material liquidity risk, I =

illiquid, L = no liquidity issue.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT). EPT: 01140_Liquidity_Risk//

"M" / "I" / "L" Values

Example L

OF-ID OFST024015 Field Name **PRIIP Summary Risk Indicator**

Field Tags MiFID II data | EPT | MiFID II target market | Key Fact: Share Class | EMT | CEPT |

PRIIP data

Share Class Field Level Link Reference

Introduced / Revoked 1.1 / --Data Type integer

Description The summary risk indicator (SRI) shall be presented in a numerical scale ranging from 1

to 7, where 1 indicates the lowest risk class and 7 indicates the highest risk class.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 01090 SRI

and the corresponding field to the CEPT (addition to the EPT) is:

CEPT-RHPs: 32010_SRI//

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 04010_Risk_Tolerance_PRIIPS_Methodology//

Values 1/2/3/4/5/6/7

OF-ID OFST024016 Field Name PRIIP Possible Maximum Loss

Field Tags EPT | PRIIP data | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description An indication of the possible maximum loss as indicated in Art. 3.2. (f) of the Regulatory

Technical Standards to Regulation (EU) No 1286/2014. Please use 1,0000000 (=100%) if

there is the possibility of a total loss or even the risk for additional payments.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 04085_Possible_maximum_loss_Portfolio//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.6 (instead of 60%)

OF-ID OFST024018 Field Name PRIIP Recommended Holding Period

Field Tags EPT | Key Fact: Share Class | MiFID II target market | PRIIP data | MiFID II data | EMT

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description Recommended holding period (RHP) of the fund in years. Default values are integer.

However, as there might be exceptions you can use decimal figures for fractions of a year. Please note, that openfunds uses RHP (integer) to reflect the field 'time horizon'

within the EMT.

Conversion to string as shown in the EMT can be done as follows:

1 day < very short <= 1 year

1 year < short <= 3 years

3 years < medium <= 5 years

5 years < long

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is:

EPT: 01120_Recommended_Holding_Period

and the corresponding field to the CEPT (addition to the EPT) is:

CEPT-RHPs: 31030_HP_period_3.//

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 05080_Time_Horizon//

Values Default is an integer value. For exceptions use a decimal figure (max 7 digits after the

decimal point).

OF-ID OFST024019 Field Name **Maturity Date** EMT | Key Fact: Share Class | PRIIP data | EPT | MiFID II data | MiFID II target market Field Tags Field Level Share Class Link Reference

Introduced / Revoked Data Type date 1.1 / --

Description Maturity date of a fixed term fund in order to calculate the remaining time to maturity

as a "OFST024018 PRIIP Recommended Holding Period".

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is:

EPT: 01130_Maturity_Date//

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 05090_Maturity_Date//

Values YYYY-MM-DD Example 2022-06-30

OF-ID OFST024020 Field Name PRIIP Reference Date

Field Tags Fees and expenses | CEPT | PRIIPs and MiFID cost fields | EPT | Key Fact: Share Class

| PRIIP data

Field Level Share Class Link Reference

Introduced / Revoked Data Type date 1.1 / --

Description "As of" date of the document, i.e. the date that is referred to by the figures within the

PRIIP-KID.

//This field is included in the European Working Group's PRIIPS Data Dictionary

Template (EPT) as:

EPT: 00070 Reference Date

and the corresponding field to the CEPT (addition to the EPT) is:

CEPT-RHPs: 30060_Reporting Date//

Values YYYY-MM-DD 2017-01-03 Example

OF-ID OFST024021 Field Name **EMT Reference Date**

Key Fact: Share Class | EMT | MiFID II data | PRIIPs and MiFID cost fields Field Tags

Field Level Share Class Link Reference

Introduced / Revoked 1.21 / --Data Type date

Description "As of" date of the EMT file, i.e. the date that is referred to by the figures in it.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 00050_Reporting_Date//

Values YYYY-MM-DD Example 2017-11-20

OF-ID OFST024025 Field Name PRIIP Category

Field Tags PRIIP data | Key Fact: Share Class | EPT

Field Level Share Class Link Reference

Data Type integer Introduced / Revoked 1.1 / --

Description PRIIP Category of the Portfolio as outlined in the Regulary Technical Standards (RTS) of

Regulation (EU) No 1286/2014 in Annex 2, Part 1 (3),(4),(5).

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 00080_Portfolio_PRIIPS_Category

and the corresponding field to the CEPT (addition to the EPT) is:

CEPT-RHPs: 30070_Portfolio_PRIIPS_Category//

Values 1/2/3/4

Example 2

OF-ID OFST024026 Field Name PRIIP Other Comment

Field Tags PRIIP data | EPT | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description This field shall be used only under exceptional circumstances and requires a manual

review.

This field's OF-ID can also include a language tag, i.e. OFST024026(de) for PRIIP Other Comment written in German. openfunds recommends using only the five languages English (en), French (fr), Spanish (es), German (de) and Italian (it). For more information please refer to https://www.openfunds.org/en/language-tags.

// The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is:

EPT: 04110_Other_comment//

Values Free text.

OF-ID OFST024030 Field Name PRIIP Number Of Observed Returns

Field Tags EPT | Key Fact: Share Class | PRIIP data

Field Level Share Class Link Reference

Data Type integer Introduced / Revoked 1.1 / --

Description Number of observed return figures in order to calculate "OFST024031 PRIIP MRM Mean

Return". In financial mathematics the number of return is usually represented by the

lower letter 'n'.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 02130_Portfolio_number_of_observed_return_M0//

Values 1, 2, 3, 4, ... n

Example 2

OF-ID OFST024031 Field Name PRIIP MRM Mean Return

Field Tags EPT | PRIIP data | Key Fact: Share Class

Field Level Share Class Link Reference OFST024030

Data Type double Introduced / Revoked 1.1 / --

Description Mean return observed in order to calculate Market Risk Measure. In financial

mathematics the mean return is represented by the small Greek letter Mu (μ) .

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 02140_Portfolio_mean_observed_returns_M1//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.04583 (instead of 4.583 %)

OF-ID OFST024032 Field Name PRIIP Volatility Of Stressed Scenario

Field Tags EPT | PRIIP data | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description Volatility of observed returns within Stressed Scenario. In financial mathematics

volatility is represented by the Greek small letter sigma (σ).

The formula for sigma is: $\sigma = \sqrt{(1/n)} \times \sum (r(i) - \mu)^2$

with

n... number of observations (OFST023030 PRIIP Number Of Observed Returns)

r(i)... return in period i

μ... mean return of all observations (OFST024031 PRIIP MRM Mean Return)

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 02180_Portfolio_observed_Stressed_Volatility//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.205 (instead of 20.5%)

OF-ID OFST024033 Field Name PRIIP MRM Sigma

Field Tags Key Fact: Share Class | PRIIP data | EPT

Field Level Share Class Link Reference OFST024031

Data Type double Introduced / Revoked 1.1 / --

Description Volatility of observed returns. In financial mathematics volatility is represented by the

Greek small letter sigma (σ).

The formula for sigma is: $\sigma = \sqrt{(1/n)} \times \sum (r(i) - \mu)^2$

with

n... number of observations (OFST023030 PRIIP Number Of Observed Returns)

r(i)... return in period i

μ... mean return of all observations (OFST024031 PRIIP MRM Mean Return)

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 02150_Portfolio_observed_Sigma.

More information can be found in the Regulatory Technical Standards (RTS), Annex II,

Part 1, (12).//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.08 (instead of 8%)

| OF-ID | OFST024035 Field Name PRIIP MRM Skewness | |
|-------------------|--|--|
| Field Tags | Key Fact: Share Class EPT PRIIP data | |
| Field Level | Share Class Link Reference OFST024031 | |
| Data Type | double Introduced / Revoked 1.1 / | |
| Description | The skewness is a measure of the asymmetry of an instrument's observed returns. In financial mathematics skewness is represented by the Greek small letter gamma (γ). | |
| | The formula for gamma is: $\gamma = \sum [r(i)-\mu]^3 / n$ | |
| | with n number of observations (OFST023030 PRIIP Number Of Observed Returns) r(i) return in period i μ mean return of all observations (OFST024031 PRIIP MRM Mean Return) | |
| | //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02160_Portfolio_observed_Skewness.// | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. | |
| OF-ID | OFST024036 Field Name PRIIP MRM Excess Kurtosis | |
| Field Tags | EPT PRIIP data Key Fact: Share Class | |
| Field Level | Share Class Link Reference | |
| Data Type | double Introduced / Revoked 1.1 / | |
| Description | The kurtosis is a measure of the peakedness of an instrument's observed returns. In financial mathematics kurtosis is commonly represented by the Greek small letter kappa (k). The excess kurtosis is represented by EK here. | |
| | The formula for kappa is: $\kappa = 1/n * \sum [(r(i)-\mu)/\sigma]^4$ | |
| | The formula for the excess kurtosis EK is: $EK = 1/n * \sum [r(i)-\mu]^4/\sigma^4 - 3$ | |
| | with n number of observations (OFST023030 PRIIP Number Of Observed Returns) r(i) return in period i μ mean return of all observations (OFST024031 PRIIP MRM Mean Return) σ∇olatility of all observed returns (OFST024033 PRIIP MRM Sigma) //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). | |
| | EPT: 02170_Portfolio_observed_Excess_Kurtosis. More information can be found in the Regulatory Technical Standards (RTS), Annex II, Part 1, (12).// | |
| Values | Decimal figure, rounded to maximal 7 digits after the decimal point. | |

OF-ID **OFST024038** Field Name **PRIIP VEV**

Field Tags EPT | Key Fact: Share Class | PRIIP data

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description The Value-at-Risk (VaR) equivalent Volatility (VEV).

The formula for the VaR-equivalent Volatility (VEV) is: VEV = $\{\sqrt{(3.842 - 2*ln(VaR))} - 1.96\}$ /

with

T... recommend holding period in Years (OFST024018 Recommended Holding Period)

VaR... Value at Risk given by the Cornish-Fisher expansion

In(Var)... Natural logarithm of VaR

where

 $VaR = VaR = \sigma \sqrt{N^*(-1.96 + 0.474 * \gamma/\sqrt{N} - 0.0687 * EK/N + 0.146 * \gamma^2/N) - 0.5\sigma^2N}$

with

N... Number of trading periods in the Recommended Holding Period

σ... Sigma (OFST024033 PRIIP MRM Sigma)

σ²... Standard deviation (squared sigma)

y... Skewness (OFST024035 PRIIP MRM Skewness)

EK... Excess Kurtosis (OFST024036 PRIIP MRM Excess Kurtosis)

//This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT).

EPT: 01020 Portfolio VEV Reference

More information can be found in the Regulatory Technical Standards (RTS), Annex II,

Part 1, (12).//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.5

OF-ID OFST024040 Field Name Is PRIIP Flexible

Field Tags PRIIP data | Key Fact: Share Class | EPT

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.1 / --

Description Is the portfolio managed by using flexible allocations of different kind of assets, e.g.

bonds and equities. Typically the answer is "yes", if the investment strategy pursues certain reward objectives by participating in different financial asset classes.

//This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) Version 20170421.

EPT: 01030 IS Flexible

More information can be found in the Regulatory Technical Standards (RTS), Annex II,

Part 1, (14).//

Values "yes" / "no"

Example no

| OF-ID | OFST024042 Field Name Flexible PRIIP VEV | |
|---|--|--|
| Field Tags | PRIIP data EPT Key Fact: Share Class | |
| Field Level | Share Class Link Reference OFST024040 | |
| Data Type | double Introduced / Revoked 1.23 / | |
| Description If "OFST024040 Is PRIIP Flexible" was answered with "yes", the calculation of must take into account different calculation methods. Details can be four Annex II, Part 1, (14). | | |
| | //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) Version 20170421. EPT: 01040_Flex_VEV_Historical More information can be found in the Regulatory Technical Standards (RTS), Annex II, Part 1, (14).// | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. | |
| OF-ID | OFST024043 Field Name PRIIP VEV-1 | |
| Field Tags | PRIIP data Key Fact: Share Class EPT | |
| Field Level | Share Class Link Reference | |
| Data Type | double Introduced / Revoked 1.1 / | |
| Description | The Value-at-Risk (VaR) equivalent Volatility (VEV) of the preceeding month as the last four VEV are needed to calculate "OFST024013 PRIIP Market Risk Measure". | |
| | For more information please refer to the description of "OFST024038 PRIIP VEV". | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. | |
| OF-ID | OFST024044 Field Name PRIIP VEV-2 | |
| Field Tags | PRIIP data Key Fact: Share Class EPT | |
| Field Level | Share Class Link Reference | |
| Data Type | double Introduced / Revoked 1.1 / | |
| Description | The Value-at-Risk (VaR) equivalent Volatility (VEV) of the month before the last month as the last four VEV are needed to calculate "OFST024013 PRIIP Market Risk Measure". | |
| | For more information please refer to the description of "OFST024038 PRIIP VEV". | |

Decimal figure, rounded to maximal 7 digits after the decimal point.

Values

OF-ID OFST024045 Field Name PRIIP VEV-3

Field Tags Key Fact: Share Class | PRIIP data | EPT

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description The Value-at-Risk (VaR) equivalent Volatility (VEV) of the third month before the actual

month as the last four VEV are needed to calculate "OFST024013 PRIIP Market Risk

Measure".

For more information please refer to the description of "OFST024038 PRIIP VEV".

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example

OF-ID OFST024047 Field Name PRIIP Lump Sum Or Regular Premium Indicator

Field Tags PRIIP data | CEPT | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description Indicates, whether a lump sum or a regular premium option has been chosen. Use "LS"

for Lump sum or "RP" for Regular premium.

//This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT.

CEPT-RHPs: 31050 Lump sum or regular premium indicator//

Values "LS" / "RP"

Example RP

| OFST024048 Field Name PRIIP Investme | ent Amount |
|---|---|
| Key Fact: Share Class PRIIP data CEPT | |
| Share Class | Link Reference OFST024047 |
| integer | Introduced / Revoked 1.1 / |
| Standard 10000 for lump sum or 1000 for regular premium. As the investment amount is in "OFST020540 Share Class Currency" openfunds recommends the following amounts for these currencies: | |
| AUD 10'000 CAD 10'000 CHF 10'000 CNH/CNY 100'000 CZK 200'000 EUR 10'000 GBP 10'000 HKD 100'000 JPY 1'000'000 NOK 100'000 SEK 100'000 SGD 10'000 TRY 50'000 USD 10'000 | |
| //This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to the EPT. CEPT-RHPs: 31060_Investment_amount// | |
| 1000 / 10000 / 50000 / 100000 / 200000 / 1000 | 0000 |
| OFST024051 Field Name PRIIP Return 1 | Y Stress Scenario |
| PRIIP data Key Fact: Share Class EPT | |
| Share Class | Link Reference |
| double | Introduced / Revoked 1.1 / |
| The calculated PRIIP return for one year in a | stress scenario. |
| //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02100_Portfolio_return_stress_scenario_1_year. More information can be found in the Regulatory Technical Standards (RTS), Annex IV Paragraph 2 and 30.// | |
| | |
| | Key Fact: Share Class PRIIP data CEPT Share Class integer Standard 10000 for lump sum or 1000 for reg in "OFST020540 Share Class Currency" openfor for these currencies: AUD 10'000 CAD 10'000 CHF 10'000 CNH/CNY 100'000 CZK 200'000 EUR 10'000 HKD 100'000 JPY 1'000'000 JPY 1'000'000 SEK 100'000 SGD 10'000 TRY 50'000 USD 10'000 //This field was not introduced by the Europe Dictionary Template (EPT), but with the CEPT the EPT. CEPT-RHPs: 31060_Investment_amount// 1000 / 10000 / 50000 / 100000 / 200000 / 1000 OFST024051 Field Name PRIIP Return 1' PRIIP data Key Fact: Share Class EPT Share Class double The calculated PRIIP return for one year in a //This field was introduced by the European Dictionary Template (EPT). EPT: 02100_Portfolio_return_stress_scenario_1 More information can be found in the Regul |

Example -0.05 (instead of -5%)

OF-ID OFST024052 Field Name **PRIIP Return 1Y Unfavourable** EPT | Key Fact: Share Class | PRIIP data Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type double 1.1 / --Description The calculated PRIIP return for one year in an unfavourable scenario. The unfavourable scenario shall be the value of the PRIIP at the 10th percentile. //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02010_Portfolio_return_unfavorable_scenario_1_year More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 5, 8(a), 22, and 27.// Values Decimal figure, rounded to maximal 7 digits after the decimal point. Example -0.0350000 (instead of -3.5%) OF-ID OFST024053 Field Name **PRIIP Return 1Y Moderate** Field Tags PRIIP data | Key Fact: Share Class | EPT Field Level Share Class Link Reference Introduced / Revoked 1.1 / --Data Type double Description The calculated PRIIP return for one year in a moderate scenario. The moderate scenario shall be the value of the PRIIP at the 50th percentile. //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02040_Portfolio_return_moderate_scenario_1_year More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 3, 6, 8(b), 23 and 27.// Values Decimal figure, rounded to maximal 7 digits after the decimal point. 0.0075000 (instead of 0.75%) Example OF-ID OFST024054 Field Name **PRIIP Return 1Y Favourable** Field Tags Key Fact: Share Class | PRIIP data | EPT Field Level Share Class Link Reference Data Type double Introduced / Revoked 1.1 / --Description The calculated PRIIP return for one year in a favourable scenario. The favourable scenario shall be the value of the PRIIP at the 90th percentile. //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02070_Portfolio_return_favorable_scenario_1_year More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 7, 8(c), 24 and 27.//

Decimal figure, rounded to maximal 7 digits after the decimal point.

0.0400000 (instead of 4%)

Values

| OF-ID | OFST024066 Field Name PRI | IP Return Half RHP Stress Scenario |
|-------------------|--|--|
| Field Tags | PRIIP data Key Fact: Share Class EPT | |
| Field Level | Share Class | Link Reference OFST024018 |
| Data Type | double | Introduced / Revoked 1.1 / |
| Description | The calculated average annual PRIIP return for a period half the "OFST024018 Recommended Holding Period" in a stress scenario. | |
| | //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02110_Portfolio_return_stress_scenario_half_RHP More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 2 and 30.// | |
| Values Example | Decimal figure, rounded to maximum. 0.01 (instead of 1%) | mal 7 digits after the decimal point. |
| OF-ID | OFST024067 Field Name PRI | IP Return Half RHP Unfavourable |
| Field Tags | Key Fact: Share Class EPT PRIIP data | |
| Field Level | | |
| Held Level | Share Class | Link Reference |
| Data Type | Share Class double | Link Reference Introduced / Revoked 1.1 / |
| Data Type | double The calculated average annual F | Introduced / Revoked 1.1 / PRIIP return for a period half the "OFST024018 n an unfavourable scenario. The unfavourable |
| Data Type | double The calculated average annual F Recommended Holding Period" in scenario shall be the value of the //This field was introduced by the Dictionary Template (EPT). EPT: 02020_Portfolio_return_unfavo | Introduced / Revoked 1.1 / PRIIP return for a period half the "OF\$T024018 In an unfavourable scenario. The unfavourable PRIIP at the 10th percentile. European Working Group with their PRIIP\$ Data |
| Data Type | double The calculated average annual F Recommended Holding Period" in scenario shall be the value of the //This field was introduced by the Dictionary Template (EPT). EPT: 02020_Portfolio_return_unfave More information can be found in Paragraph 5, 8(a), 22, and 27.// | Introduced / Revoked 1.1 / PRIIP return for a period half the "OFST024018 In an unfavourable scenario. The unfavourable PRIIP at the 10th percentile. European Working Group with their PRIIPS Data orable_scenario_half_RHP |

Example

-0.0250000 (instead of -2.5%)

| OF-ID | OFST024068 Field Name PRIIP | Return Half RHP Moderate | |
|---|--|----------------------------|--|
| Field Tags | Key Fact: Share Class EPT PRIIP data | | |
| Field Level | Share Class | Link Reference | |
| Data Type | double | Introduced / Revoked 1.1 / | |
| Description | The calculated average annual PRIIP return for a period half the "OFST024018 Recommended Holding Period" in a moderate scenario. The moderate scenario shal be the value of the PRIIP at the 50th percentile. | | |
| | //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02050_Portfolio_return_moderate_scenario_half_RHP More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 6, 8(b), 23, and 27.// | | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. 0.0085 (instead of 0.85 %) | | |
| OF-ID | OFST024069 Field Name PRIIP Return Half RHP Favourable | | |
| Field Tags | Key Fact: Share Class EPT PRIIP o | data | |
| Field Level | Share Class | Link Reference | |
| Data Type | double | Introduced / Revoked 1.1 / | |
| Description | The calculated average annual PRIIP return for a period half the "OFST024018 Recommended Holding Period" in a favourable scenario. The favourable scenario shall be the value of the PRIIP at the 90th percentile. | | |
| //This field was introduced by the European Working Group with their PRIIPS I Dictionary Template (EPT). EPT: 02080_Portfolio_return_favorable_scenario_half_RHP More information can be found in the Regulatory Technical Standards (RTS), Paragraph 7, 8(c), 24 and 27.// | | e_scenario_half_RHP | |
| Values | | | |

0.04 (instead of 4%)

OF-ID **PRIIP Return RHP Stress Scenario** OFST024081 Field Name EPT | PRIIP data | Key Fact: Share Class Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type double 1.1 / --Description The calculated average annual PRIIP return for the "OFST024018 Recommended Holding Period" in a stress scenario. //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02120_Portfolio_return_stress_scenario_RHP More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 2 and 30.// Values Decimal figure, rounded to maximal 7 digits after the decimal point. Example -0.08 (instead of -8%) OF-ID OFST024082 Field Name **PRIIP Return RHP Unfavourable** Field Tags PRIIP data | Key Fact: Share Class | EPT Field Level Share Class Link Reference double Introduced / Revoked Data Type 1.1 / --Description The calculated average annual PRIIP return for the "OFST024018 Recommended Holding Period" in an unfavourable scenario. The unfavourable scenario shall be the value of the PRIIP at the 10th percentile. //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02030_Portfolio_return_unfavorable_scenario_RHP More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 5, 8(a), 22, and 27.// Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example

-0.05 (instead of -5%)

OF-ID OFST024083 Field Name **PRIIP Return RHP Moderate** Key Fact: Share Class | EPT | PRIIP data | CEPT Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type double 1.1 / --Description The calculated average annual PRIIP return for the "OFST024018 Recommended Holding Period" in a moderate scenario. The moderate scenario shall be the value of the PRIIP at the 50th percentile. //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02060_Portfolio_return_moderate_scenario_RHP More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 6, 8(b), 23, and 27.// Values Decimal figure, rounded to maximal 7 digits after the decimal point. 0.04 (instead of 4%) Example OF-ID OFST024084 Field Name **PRIIP Return RHP Favourable** EPT | Key Fact: Share Class | PRIIP data Field Tags Field Level Share Class Link Reference Data Type double Introduced / Revoked 1.1 / --Description The calculated average annual PRIIP return for the "OFST024018 Recommended Holding Period" in a favourable scenario. The favourable scenario shall be the value of the PRIIP at the 90th percentile. //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT). EPT: 02090 Portfolio return favorable scenario RHP More information can be found in the Regulatory Technical Standards (RTS), Annex IV, Paragraph 7, 8(c), 4 and 27.//

Decimal figure, rounded to maximal 7 digits after the decimal point.

Values

Example

0.09 (instead of 9%)

| OF-ID | | Asset Allocation VEV |
|-------------------|--|--------------------------------------|
| Field Tags | PRIIP data EPT Key Fact: Share Class | |
| Field Level | Share Class | Link Reference OFST024040 |
| Data Type | double | Introduced / Revoked 1.23 / |
| Description | If "OFST024040 Is PRIIP Flexible" was answered with "yes", the calculation of the VEV must take into account different calculation methods. Details can be found in the RTS, Annex II, Part 1, (14): | |
| | "For PRIIPs that are managed according to investment policies and/or strategies that pursue certain reward objectives by participating through flexible investment in different financial asset classes (e.g. in both equity and fixed-income markets), VEV that shall be used shall be: (a) Where there has been no revision of the investment policy over the period under point 10, take the maximum of: (i) the actual VEV computed according to points 9-13 [openfunds: OFST024042]; (ii) VEV of the returns of the pro-forma asset mix that is consistent with the reference asset allocation of the fund at the time of the computation; (iii) the VEV which is consistent with the risk limit of the fund, if any and appropriate. | |
| | (b) Where investment policy has been revised over the period under point 10, take the maximum of (ii) and (iii) above." | |
| | //This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) Version 20170421. EPT: 01050_Flex_VEV_Ref_Asset_Allocation More information can be found in the Regulatory Technical Standards (RTS), Annex II, Part 1, (14). (See above).// | |
| Values Example | Decimal figure, rounded to maximal 7 digits | after the decimal point. |
| OF-ID | OFST024107 Field Name Has Risk Limit | |
| Field Tags | EPT Key Fact: Share Class PRIIP data | |
| Field Level | Share Class | Link Reference |
| Data Type | boolean | Introduced / Revoked 1.23 / |
| Description | Please choose "yes", if the fund has a risk lim variance portfolios. | it. This is quite common for minimum |
| | //This field was introduced by the European Dictionary Template (EPT). EPT: 01060_IS_Risk_Limit_Relevant More information can be found in the Regul Part 1, (14) (iii).// | |

yes

"yes" / "no"

Values

OF-ID OFST024109 Field Name Flexible PRIIP VEV Limit PRIIP data | Key Fact: Share Class | EPT Field Tags Link Reference OFST024107 Field Level Share Class Introduced / Revoked 1.23 / --Data Type double Description If "OFST024107 Has Risk Limit" is answered with "yes", the calculation of the VEV must take into account different calculation methods, one of them being the VEV being consistent with the risk limit of the fund. Details can be found in the RTS. Annex II. Part 1. (14).//This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) Version 20170421. EPT: 01070 Flex VEV Risk Limit More information can be found in the Regulatory Technical Standards (RTS), Annex II, Part 1, (14).// Values Decimal figure, rounded to maximal 7 digits after the decimal point. Example OF-ID OFST024113 Field Name **Bond Weight** Field Tags PRIIP data | Key Fact: Share Class | EPT Share Class Field Level Link Reference double Introduced / Revoked 1.1 / --Data Type Description Proportion (weight) of bonds within the fund/portfolio measured in percentage of market value. //This field was introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT) and declared mandatory for the German market (PIA model). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT) is: EPT: 06010_Bonds_Weight//

Decimal figure, rounded to maximal 7 digits after the decimal point.

Values

Example

0.2575 (instead of 25.75%)

OF-ID **OFST024114** Field Name **Annualized Volatility**

Field Tags Key Fact: Share Class | EPT | PRIIP data

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description Annualized daily volatility of the fund based on the last 250 trading days or, if

"OFST020300 Valuation Frequency" is lower than daily, the volatility is based on the

valuation frequency and annualized.

This field shall be filled, if "OFST024113 Bond Weight" is less than 100 %. To be compared with "OFST024033 PRIIP MRM Sigma". The estimate shall be based on the daily returns of the last 250 trading days and has to be annualized using the square root of time. There shall be no conversion into Euro, if the funds is denoted in another currency.

//This field was introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT) and declared mandatory for the German market (PIA model). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT) is:

EPT: 06020_Annualized_Return_Volatility//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.06878 (instead of 6.878%)

OF-ID OFST024115 Field Name Macaulay Duration

Field Tags EPT | PRIIP data | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description Asset prices weighted Macaulay-Duration in years of the fund.

//This field was introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT) and declared mandatory for the German market (PIA model). The correspondent PRIIP field within the PRIIPS Data Dictionary Template (EPT)

IS:

EPT: 06030_Duration_Bonds//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 5.4

OF-ID OFST024150 Field Name **PRIIP Filing Language**

PRIIP data | EPT | Key Fact: Share Class Field Tags

Field Level Share Class Link Reference

Introduced / Revoked Data Type string 1.1 / --

Description Indicates the language of all narratives within a PRIIP KID. In case you follow strictly the

EPT philosophy you may only mention one language in one EPT file using openfunds.

This is true whether you provide one EPT for one PRIIP KID or if you provide one EPT for

many PRIIP KIDs.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 04010_Reference_Language//

Values ISO 639-1 codes.

Example

OF-ID OFST024154 Field Name **PRIIP Investment Option**

Field Tags Key Fact: Share Class | PRIIP data | EPT

Field Level Share Class Link Reference

Introduced / Revoked Data Type string 1.1 / --

Description Includes PRIIP's 'What is this product' section of a PRIIP KID. Typically this section of a

PRIIP should include elements of "OFST010300 Investment Objective", "OFST024155

Target Market Retail Investor Type" or "OFST160100 Legal Form" respectively.

This field's OF-ID can also include a language tag, i.e. OFST024154(de) for PRIIP Investment Option written in German. openfunds recommends using only the five languages English (en), French (fr), Spanish (es), German (de) and Italian (it). For more information please refer to https://www.openfunds.org/en/language-tags.

Please note, in case you would like to convert this field into EPT that the corresponding EPT field only allows up to 300 characters. The openfunds standard does not define the length of a string value.

//This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT).

EPT: 04070 Type of underlying Investment Option

More information can be found in the Regulatory Technical Standards (RTS),

Paragraph 2 and 11.//

Free text. Values

OF-ID OFST024155 Field Name Target Market Retail Investor Type

Field Tags PRIIP data | EPT | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description The type of retail investor to whom the PRIIP is intended to be marketed.

This field's OF-ID can also include a language tag, i.e. OFST024155(de) for Target Market Retail Investor Type written in German. openfunds recommends using only the five languages English (en), French (fr), Spanish (es), German (de) and Italian (it). For more information please refer to https://www.openfunds.org/en/language-tags.

Please note, in case you would like to convert this field into EPT that the corresponding EPT field only allows up to 750 characters. The openfunds standard does not define the length of a string value.

//This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT).

EPT: 04030_Intended_target_market_retail_investor_Portfolio

More information can be found in the Regulatory Technical Standards (RTS), Article 2.3.//

Values

Short description of the retail investor type.

Example

OF-ID OFST024158 Field Name PRIIP Other Risk Narrative

Field Tags EPT | PRIIP data | Key Fact: Share Class

Field Level Share Class Link Reference OFST024015

Data Type string Introduced / Revoked 1.1 / --

Description A narrative of risks, that cannot deducted from the "OFST024015 PRIIP Summary Risk

Indicator".

This field's OF-ID can also include a language tag, i.e. OFST024158(de) for PRIIP Other Risk Narrative written in German. openfunds recommends using only the five languages English (en), French (fr), Spanish (es), German (de) and Italian (it). For more information please refer to https://www.openfunds.org/en/language-tags.

Please note, in case you would like to convert this field into EPT that the corresponding EPT field only allows up to 200 characters. The openfunds standard does not define the length of a string value.

//This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT).

EPT: 04060_Other_materially_relevant_risk_narrative_Portfolio

More information can be found in the Regulatory Technical Standards (RTS), Article 3.2 (d), (e), (f) and Annex 3, paragraph 6. //

(d), (e), (f) and Annex 3, paragraph 6. /

Values

A short text explaining additional risks.

OF-ID OFST024165 Field Name Has PRIIP Capital Guarantee

Field Tags Key Fact: Share Class | EPT | PRIIP data

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.1 / --

Description Has the fund a general capital guarantee? If the answer is "no", "OFST024166 PRIIP

Capital Guarantee Characteristics", "OFST024167 PRIIP Capital Guarantee Level", "OFST024168 PRIIP Capital Guarantee Limitations" and "OFST024170 PRIIP Capital

Guarantee Early Exit Conditions Date" should be kept empty.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 04080 Capital Guarantee//

Values "yes" / "no"

Example no

OF-ID OFST024166 Field Name PRIIP Capital Guarantee Characteristics

Field Tags EPT | PRIIP data | Key Fact: Share Class

Field Level Share Class Link Reference OFST024165

Data Type string Introduced / Revoked 1.1 / --

Description Description of the guarantee including guarantee level, maturity terms, exceptions,

etc. If "OFST024165 Has PRIIP Capital Guarantee" is "no", this field should be kept empty.

This field's OF-ID can also include a language tag, i.e. OFST024166(de) for PRIIP Capital Guarantee Characteristics written in German. openfunds recommends using only the five languages English (en), French (fr), Spanish (es), German (de) and Italian (it). For more information please refer to https://www.openfunds.org/en/language-tags.

Please note, in case you would like to convert this field into EPT that the corresponding EPT field only allows up to 2500 characters. The openfunds standard does not define the length of a string value.

//This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT).

EPT: 04084_Capital_guarantee_Portfolio

More information can be found in the Regulatory Technical Standards (RTS), Article 3.2

(d), (e), (f) and Annex 3, paragraph 6 [Element F] and [Element G]. //

Values Description of guarantee or "none".

OF-ID OFST024167 Field Name PRIIP Capital Guarantee Level

Field Tags PRIIP data | Key Fact: Share Class | EPT

Field Level Share Class Link Reference OFST024165

Data Type double Introduced / Revoked 1.1 / --

Description Amount guaranteed in relation to the invested amount. If "OFST024165 Has PRIIP

Capital Guarantee" is "no", this field should be kept empty.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 04081_Capital_Guarantee_Level

More information can be found in the Regulatory Technical Standards (RTS), Article 3.2

(d), (f) and Annex 3, paragraph 6 [Element F] and [Element G]. //

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 1.05 (instead of 105%)

OF-ID OFST024168 Field Name PRIIP Capital Guarantee Limitations

Field Tags PRIIP data | EPT | Key Fact: Share Class

Field Level Share Class Link Reference OFST024165

Data Type string Introduced / Revoked 1.1 / --

Description Description of the limitations of an existing guarantee. If "OFST024165 Has PRIIP Capital

Guarantee" is "no", this field should be kept empty.

This field's OF-ID can also include a language tag, i.e. OFST024168(de) for PRIIP Capital Guarantee Limitations written in German. openfunds recommends using only the five languages English (en), French (fr), Spanish (es), German (de) and Italian (it). For more information please refer to https://www.openfunds.org/en/language-tags.

Please note, in case you would like to convert this field into EPT that the corresponding EPT field only allows up to 300 characters. The openfunds standard does not define the length of a string value.

//This field was introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT).

EPT: 04082_Capital_Guarantee_Limitations

More information can be found in the Regulatory Technical Standards (RTS), Article 3.2

(d), (f) and Annex 3, paragraph 6 [Element G]. //

Values Description of the guarantie's limitations.

OF-ID OFST024169 Field Name PRIIP Capital Guarantee Early Exit Conditions In Month

EPT | Key Fact: Share Class | PRIIP data Field Tags

Link Reference OFST024165 Field Level Share Class

Introduced / Revoked Data Type integer 1.1 / 1.23

Description If you cash-in early this number of month or more, the protection against future market

performance will no longer apply. If "OFST024165 Has PRIIP Capital Guarantee" is "no",

this field should be kept empty.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 04083_Capital_Guarantee_Early_Exit_Conditions

More information can be found in the Regulatory Technical Standards (RTS), Article 3.2

(d), (f) and Annex 3, paragraph 6 [Element G]. //

//No longer supported. Please use "OFST024170 PRIIP Capital Guarantee Early Exit

Conditions Date" instead.//

Values 1, 2, 3, ... n

2 Example

PRIIP Capital Guarantee Early Exit Conditions Date OF-ID OFST024170 Field Name

Field Tags EPT | PRIIP data | Key Fact: Share Class

Share Class Field Level Link Reference OFST024165

Data Type date Introduced / Revoked 1.23 / --

Description If you cash-in before this date or earlier, the protection against future market

performance will no longer apply. If "OFST024165 Has PRIIP Capital Guarantee" is "no",

this field should be kept empty.

//This field was introduced by the European Working Group with their PRIIPS Data

Dictionary Template (EPT).

EPT: 04083_Capital_Guarantee_Early_Exit_Conditions

More information can be found in the Regulatory Technical Standards (RTS), Article 3.2

(d), (f) and Annex 3, paragraph 6 [Element G]. //

Values YYYY-MM-DD

Example 2018-02-16 OF-ID OFST050010 Field Name Fund Manager Name

Field Tags Key Fact: Fund Manager | People

Field Level Fundmanager Link Reference

Data Type string Introduced / Revoked 1.2 / --

Description Fund manager's first name and surname.

Values first name and surname

Example Paul Miller

OF-ID OFST050011 Field Name Fund Manager Year Of Birth

Field Tags Key Fact: Fund Manager | People

Field Level Fundmanager Link Reference OFST050010

Data Type date Introduced / Revoked 1.2 / --

Description Fund manager's date of birth. This field is linked to field "OFST050010 Fund Manager

Name".

Values YYYY Example 1981

OF-ID OFST050012 Field Name Fund Manager Gender

Field Tags Key Fact: Fund Manager | People

Field Level Fundmanager Link Reference OFST050010

Data Type string Introduced / Revoked 1.2 / --

Description Fund manger's gender. This field is linked to field "OFST050010 Fund Manager Name".

Values "female" / "male"

Example male

OF-ID OFST050015 Field Name Fund Manager Role

Field Tags People | Key Fact: Fund Manager

Field Level Fundmanager Link Reference OFST050010

Data Type string Introduced / Revoked 1.2 / --

Description Role of fund manager. Generally this is either the "lead manager" role or the "co-

manager" role. This field is linked to field "OFST050010 Fund Manager Name".

Values "lead" / "deputy" / "co-manager" / "product specialist"

Example co-manager

OF-ID OFST050016 Field Name Fund Manager Year Of Experience Start

Field Tags People | Key Fact: Fund Manager

Field Level Fundmanager Link Reference OFST050010

Data Type date Introduced / Revoked 1.2 / --

Description When did the fund manager start his professional career in the financial industry? This

field is linked to field "OFST050010 Fund Manager Name".

Values YYYY Example 1999

OF-ID OFST050017 Field Name Fund Manager Starting Date

Field Tags Key Fact: Fund Manager | People

Field Level Fundmanager Link Reference OFST050010

Data Type date Introduced / Revoked 1.2 / --

Description When did the actual fund manager start managing this fund? This field is independent

to the fund manager's role ("OFST050015 Fund Manager Role"). For a fund manager who startet on the 3rd of March 2008 as a deputy manager and was promoted lead manager on the 1st of July 2011 this field should contain 2008-03-03. This field is linked

to field "OFST050010 Fund Manager Name".

Values YYYY-MM-DD Example 2008-03-03

OF-ID OFST050019 Field Name Fund Manager Brief Biography

Field Tags People | Key Fact: Fund Manager

Field Level Fundmanager Link Reference OFST050010

Data Type string Introduced / Revoked 1.2 / --

Description A brief curriculum vitae (CV) of the fund manager. This field is linked to field

"OFST050010 Fund Manager Name".

Values A brief CV.

Example Paul studied Finance at Superstar University and started his carreer at Morerich Brokers.

In 2005 he joined ABC Asset Management as an analyst.

OF-ID OFST060000 Field Name Bloomberg Code Of Listing

Field Tags Key Fact: Listing | Codes

Field Level Listing Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Bloomberg code of ETF listed at respective stock exchange, including country

abbreviation (e.g. LX for Luxembourg).

Values Exchange specific Bloomberg code

Example

OF-ID OFST060010 Field Name Reuters Code Of Listing

Field Tags Key Fact: Listing | Codes

Field Level Listing Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Reuters code (RIC) of ETF listed at respective stock exchange, including abbreviation

(e.g. .PA for Euronext Paris).

Values Exchange specific RIC code

Example

OF-ID OFST060050 Field Name iNAV Bloomberg Code Of Listing

Field Tags Key Fact: Listing | Codes

Field Level Listing Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Bloomberg code for the intraday NAV at this exchange place.

Values Exchange specific Bloomberg code

Example

OF-ID OFST060060 Field Name iNAV Reuters Code Of Listing

Field Tags Codes | Key Fact: Listing

Field Level Listing Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Reuters code for the intraday NAV at this exchange place.

Values Exchange specific RIC code

OF-ID OFST062000 Field Name Listing Date

Field Tags Key Fact: Listing

Field Level Listing Link Reference

Data Type date Introduced / Revoked 0.85 / --

Description Date of first listing at the respective stock exchange.

Values YYYY-MM-DD Example 2007-12-15

OF-ID OFST062010 Field Name Listing Currency

Field Tags Key Fact: Listing

Field Level Listing Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description Currency in which ETF is listed at the respective stock exchange (use ISO code 4217,

e.g. EUR).

Values [List] of currencies. Please use ISO code 4217 as it can be found on

https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

Example EUR

OF-ID OFST062020 Field Name Inception Price

Field Tags Key Fact: Listing

Field Level Listing Link Reference

Data Type double Introduced / Revoked 0.85 / --

Description Price at first listing at this exchange place (only digits).

Values

Example 96.4

OF-ID **OFST062030** Field Name **Market Identifier Code**

Field Tags Codes | Key Fact: Listing

Field Level Listing Link Reference

Data Type string Introduced / Revoked 0.9 / --

Description The Market Identifier Code (MIC) is a unique identification code used to identify

securities trading exchanges, regulated and non-regulated trading markets. The MIC is a four alpha character code, and is defined in ISO 10383 by International Organization

for Standardization (ISO). The MIC is updated by ISO regularily and can be

downloaded from https://www.iso10383.org

ETF share classes may have several listings while having only one ISIN, i.e. there is an

1:n relation between share class and exchange places.

Notice: Please use "MIC" and not "Operating MIC".

Values See https://www.iso10383.org

Example XETA

OF-ID OFST062040 Field Name Exchange Place

Field Tags Key Fact: Listing

Field Level Listing Link Reference OFST062030

Data Type string Introduced / Revoked 0.85 / --

Description Stock exchange where ETF is listed. Please note, that an ETF share class may have

several listings while having only one ISIN, i.e. there is an 1:n relation between share

class and exchange places.

//Notice: Please use "OFST062030 Market Identifier Code" instead. If you are using both fields, make sure that this field contains "Name Institution Description" that corresponds

fields, make sure that this field contains "Name-Institution Description" that corresponds

with OFST062030 Market Identifier Code as it is defined in http://www.iso15022.org/MIC/homepageMIC.htm/

Values See http://www.iso15022.org/MIC/homepageMIC.htm

Example XETRA - Regulierter Markt

OF-ID **OFST062045** Field Name **Status Of Listing**

Field Tags Key Fact: Listing

Field Level Listing Link Reference

Data Type string Introduced / Revoked 1.2 / --

Description Determines the actual status of a share class' listing. For an exiting listing of an share

class the default value is "active".

Values "planned" / "active" / "suspended" / "delisted"

Example suspended

OF-ID **OFST062050** Field Name **Is Primary Listing**

Field Tags Attribute

Field Level Listing Link Reference

Data Type boolean Introduced / Revoked 0.85 / --

Description Is this listing the primary listing of this ISIN? The prices of this listing are used to calculate

Premium/Discount. This field is only available for ETFs.

Values "yes" / "no"

Example no

OF-ID OFST100000 Field Name Is Client Type Retail Field Tags Key Fact: Share Class | EMT | MiFID II data | MiFID II target market Field Level Share Class Link Reference Data Type Introduced / Revoked string 1.1 / --Description Might this share class from a producer's perspective being marketed to a retail investor no matter, if the investor has only basic knowledge ("OFST100010 Investor With Basic Knowledge" = yes) or if he is an informed investor (OFST100012 = yes) or is an advanced investor (OFST100014 = yes). Under MiFID regulation all clients that are not regarded as 'professional investors' are 'retail clients'. For the MiFID definition of a professional investor please refer to "OFST100004 Is Client Type Professional". // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 01010_Investor_Type_Retail// "yes" / "no" / "neutral" Values

Example yes

OF-ID **OFST100004** Field Name **Is Client Type Professional**

Field Tags EMT | MiFID II target market | MiFID II data | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description Might this share class from a producer's perspective being marketed to a professional?

Under MiFID regulation a professional investor is regarded to have the experience, knowledge and expertise to take investment decisions by its own. Therefore, from a target market point of view, if "OFST100000 Is Client Type Retail" was answered with "yes", usually this field should be answered with "yes", too.

MiFID (http://eur-lex.europa.eu/legal-

content/EN/TXT/PDF/?uri=CELEX:32014L0065&from=EN) defines the following as professional investors (Annex II, I(1)-(4)):

- (1) Entities which are authorised or regulated to operate in the financial markets, like:
 - (a) Credit institutions;
 - (b) Investment firms;
 - (c) Other authorised or regulated financial institutions;
 - (d) Insurance companies;
- (e) Collective investment schemes and management companies of such schemes;
- (f) Pension funds and management companies of such funds;
- (g) Commodity and commodity derivatives dealers;
- (h) Locals;
- (i) Other institutional investors;
- (2) Large undertakings meeting two of the following size requirements on a company basis:
 - balance sheet total: EUR 20 000 000
 - net turnover: EUR 40 000 000
 - own funds: EUR 2 000 000
- (3) National and regional governments, including public bodies that manage public debt at national or regional level,

Central Banks, international and supranational institutions such as the World Bank, the IMF, the ECB, the EIB and

other similar international organisations.

(4) Other institutional investors whose main activity is to invest in financial instruments, including entities dedicated to

the securitisation of assets or other financing transactions.

// The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is:

EMT: 01020_Investor_Type_Professional//

Values "yes" / "no" / "neutral"

Example yes

| OF-ID | OFST100008 Field Name Is Client Type Eligible Counterparty |
|-------------------|--|
| Field Tags | MiFID II data MiFID II target market EMT Key Fact: Share Class |
| Field Level | Share Class Link Reference |
| Data Type | string Introduced / Revoked 1.1 / |
| Description | Might this share class from a producer's perspective being marketed to a eligible counterparties? |
| | Under MiFID regulation Article 30 paragraph 2 (http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32014L0065&from=EN) an eligibe counterpart is one of the following: (a) Investment firms; (b) Credit institutions; (c) Insurance companies; (d) UCITs and their management companies; (e) Pension funds and their management companies; (f) other financial institutions authorised or regulated under Union law; (g) national governments including public bodies dealing with public debt at national level; (h) central banks and supranational organisations. // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: |
| | EMT: 01030_Investor_Type_Eligible_Counterparty// |
| Values Example | "yes" / "no" / "neutral" yes |
| OF-ID | OFST100010 Field Name Investor With Basic Knowledge |
| Field Tags | Key Fact: Share Class EMT MiFID II data MiFID II target market |
| Field Level | Share Class Link Reference |
| Data Type | string Introduced / Revoked 1.1 / |
| Description | From a manafucturer's view: is this share class suitable to be marketed to an end investor, who has only basic knowledge about financial product, but access to imperative legal documentation and basic information provided by the point of sale? |
| | An investor with basic knowledge is defined as an investor, who has no financial industry experience or is investing for the first time in this kind of financial product. |
| | // The correspondent MiFID II field introduced by the European Working Group with |
| | their MiFID Data Dictionary Template (EMT) is: EMT: 02010_Basic_Investor// |
| Values | their MiFID Data Dictionary Template (EMT) is: |

OF-ID OFST100012 Field Name Informed Investor EMT | Key Fact: Share Class | MiFID II target market | MiFID II data Field Tags Field Level Share Class Link Reference Introduced / Revoked 1.1 / --Data Type string Description From a manafucturer's view: is this share class suitable to be marketed to an end investor, who can be classified as an 'informed investor'? An informed investor typically has at least one of the following characteristics: -- average knowledge of relevant financial products -- some financial industry experience

> Therefore, an informed investor can make an informed investment decision based only on the regulated and authorised offering documentation, together with knowledge and understanding of the specific factors/risks highlighted within them.

> // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is:

EMT: 02020_Informed_Investor//

"yes" / "no" / "neutral" Values

Example ves

OF-ID OFST100014 Field Name Advanced Investor

MiFID II target market | EMT | MiFID II data | Key Fact: Share Class Field Tags

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description From a manafucturer's view: is this share class suitable to be marketed to an end investor, who can be classified as an 'experienced investor'?

An experienced investor typically has at least one of the following characteristics:

- -- good knowledge of relevant financial products and transactions
- -- financial industry experience or is accompanied by professional investment advice

Therefore, an informed investor can make an informed investment decision based only on the regulated and authorised offering documentation, together with knowledge and understanding of the specific factors/risks highlighted within them.

// The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is:

EMT: 02030 Advanced Investor//

Values "yes" / "no" / "neutral"

Example yes OF-ID OFST100020 Field Name No Ability For Any Capital Loss MiFID II target market | MiFID II data | Key Fact: Share Class | EMT Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type string 1.1 / --Description From a manufacturer's view: May a distributor sell this fund to an end investor, who cannot bear any capital losses? // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 03010_No_Capital_Loss// "yes" / "no" / "neutral" Values Example no OF-ID OFST100022 Field Name **Ability For Limited Capital Losses** MiFID II target market | EMT | MiFID II data | Key Fact: Share Class Field Tags Field Level Share Class Link Reference Data Type strina Introduced / Revoked 1.1 / --Description From a manufacturer's view: May a distributor sell this fund to an end investor, who is seeking capital preservation or who can bear only limited capital losses that are specified in product's documentation.

// The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is:

EMT: 03020_Limited_Capital_Loss//

Values "yes" / "no" / "neutral"

Example neutral

OF-ID OFST100024 Field Name Ability For Total Capital Loss

Field Tags MiFID II data | EMT | Key Fact: Share Class | MiFID II target market

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description From a manufacturer's view: May a distributor sell this fund to an end investor, who can

bear a loss of the total amount of his invested capital?

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 03040_No_Capital_Guarantee//

Values "yes" / "no" / "neutral"

Example no

OF-ID OFST100026 **Ability For Losses Beyond Capital** Field Name EMT | MiFID II data | MiFID II target market | Key Fact: Share Class Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type string 1.1 / --Description From a manufacturer's view: May a distributor sell this fund to an end investor, who can bear losses even higher than the total amount of his invested capital? // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 03050_Loss_ Beyond_Capital// Values "yes" / "no" / "neutral" Example yes OF-ID OFST100040 Field Name **Return Profile Preservation** Key Fact: Share Class | MiFID II data | MiFID II target market | EMT Field Tags Field Level Share Class Link Reference Data Type strina Introduced / Revoked 1.1 / --Description From a manafucturer's view: May a fund distributor sell this fund to an end investor, whose return profile is 'capital preservation'? // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 05010 Return Profile Preservation// Values "yes" / "no" / "neutral" Example yes OF-ID OFST100042 Field Name **Return Profile Growth** MiFID II target market | MiFID II data | EMT | Key Fact: Share Class Field Tags Field Level Share Class Link Reference Data Type string Introduced / Revoked 1.1 / --Description From a manafucturer's view: May a fund distributor sell this fund to an end investor, whose return profile is 'capital growth'? // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is:

ves

Values Example EMT: 05020_Return_Profile_Growth//

"yes" / "no" / "neutral"

OF-ID OFST100044 Field Name **Return Profile Income** MiFID II target market | Key Fact: Share Class | MiFID II data | EMT Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type string 1.1 / --Description From a manafucturer's view: May a fund distributor sell this fund to an end investor, whose return profile is 'income'? // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 05030_Return_Profile_Income// "yes" / "no" / "neutral" Values Example yes OF-ID OFST100046 Field Name **Return Profile Hedging** Key Fact: Share Class | EMT | MiFID II data | MiFID II target market Field Tags Field Level Share Class Link Reference Data Type strina Introduced / Revoked Description From a manafucturer's view: May a fund distributor sell this fund to an end investor, whose intention is to hedge some existing investments? Examples for this could be funds with "OFST010670 Is Short" = yes. // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 05040_Return_Profile_Hedging// Values "yes" / "no" / "neutral" Example yes OF-ID Field Name Return Profile Options Or Leverage OFST100048 Field Tags Key Fact: Share Class | EMT | MiFID II target market | MiFID II data Field Level Share Class Link Reference Introduced / Revoked 1.1 / --Data Type string Description From a manafucturer's view: May a fund distributor sell this fund to an end investor, whose investment strategy is very aggressive? Examples for this could be funds with "OFST010630 Is Leveraged" = yes. // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 05050_Option_or_Leveraged_Return_Profile// Values "yes" / "no" / "neutral"

yes

OF-ID **OFST100050** Field Name **Return Profile Other**

Field Tags Key Fact: Share Class | MiFID II data | EMT | MiFID II target market

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description From a manafucturer's view: Is this share class designed to meet specific client needs

or has special product features such as currency protection, green or ethical investments etc. More informantion can be found in the "esma Final Report of Guidelines on MiFID II product governance requirements as of 2nd of June

2017/ESMA35-43-620 para 18(e)".

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 05060_Return_Profile_Other//

Values "yes" / "neutral"

Example neutral

OF-ID OFST100124 Field Name Eligible For Execution Only Distribution

Field Tags Key Fact: Share Class | EMT | MiFID II data | MiFID II target market

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description From a manufacturer' view: Can this fund be sold to clients through an execution only

channel, e.g. internet platforms, if the end investor is provided the necessary legal documentation? - As this is also dependent from investors knowledge and experience,

this field can only give an indication to the distribution channel about how the

manufacturer sees it.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 06010_Execution_Onlyl//

Values "retail" / "professional" / "both" / "neither"

Example both

OF-ID OFST100126 Field Name Eligible For Execution Only With Appropriateness Test EMT | Key Fact: Share Class | MiFID II data | MiFID II target market Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type string 1.1 / --Description From a manufacturer' view: Can this fund be sold to clients through an execution only channel, e.g. internet platforms, if the end investor is provided the necessary legal documentation and also checks, whether the client has sufficent knowledge, i.e. by providing online tests or by checking client's existing investments? - As this is also dependent from investors knowledge and experience, this field can only give an indication to the distribution channel about how the manufacturer sees it. // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 06020_Execution_With_Appropriateness_Test_Or_Non_Advised_Services// "retail" / "professional" / "both" / "neither" Values Example professional OF-ID OFST100128 Field Name **Eligible For Advised Retail Distribution** Field Tags MiFID II data | Key Fact: Share Class | MiFID II target market | EMT Share Class Link Reference Field Level Introduced / Revoked 1.1 / --Data Type string Description From a manufacturer' view: Can this fund be sold to clients by a distributor who

advices the end investor? - As this is also dependent from investors ability to bear losses and time horizon, this field can only give an indication to the distributer about

how the manufacturer sees it.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 06030_Investment_Advice//

Values "retail" / "professional" / "both" / "neither"

Example professional OF-ID OFST100132 Field Name Eligible For Portfolio Management

Field Tags Key Fact: Share Class | MiFID II target market | EMT | MiFID II data

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.1 / --

Description From a manufacturer' view: Can this fund be sold to clients who have given a

discretionary mandate to a professional portfolio manager? - As the portfolio manager has the obligation to balance out the portfolio with his client's needs, the usual answer

to this field should be "yes".

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 06040_Portfolio_Management//

Values "retail" / "professional" / "both" / "neither"

Example retail

OF-ID **OFST160039** Field Name **Is EU Directive Relevant**

Field Tags MiFID II data | Legal structure | Key Fact: Fund

Field Level Fund Link Reference OFST160040

Data Type boolean Introduced / Revoked 0.91 / --

Description Choose "yes", if there is any distribution activity within the EU or if the fund has

appointed an AIFM according to the AIFM directive 2011/61/EU. This field is linked to "OFST160040 Type Of EU Directive". If the answer is "yes", but you do not know the Type of EU Directive (UCIT or AIF), choose "yes" and leave "OFST160040 Type Of EU Directive"

empty.

Values "yes" / "no"

Example yes

OF-ID **OFST160040** Field Name **Type Of EU Directive**

Field Tags MiFID II data | Key Fact: Fund | EMT | Legal structure

Field Level Fund Link Reference OFST160039

Data Type string Introduced / Revoked 0.91 / --

Description Indicates, whether the fund is an UCITS as outlined in EU Directives 2009/65/EC or an

AIF as described in the Alternative Investment Fund Managers Directive 2011/61/EU. There might be some changes with the introduction of MIFID II, that will require

additional values like "others". If you do not know the type of EU Directive (UCIT or AIF) keep this field empty, but choose "yes" for the linked field "OFST160039 Is EU Directive

Relevant".

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 00060_Financial_Instrument_Legal_Structure//

Values "UCITS" / "AIF" / "other"

Example AIF

OF-ID OFST160041 Field Name UCITS Version

Field Tags Key Fact: Fund | Legal structure

Field Level Fund Link Reference OFST160040

Data Type integer Introduced / Revoked 1.2 / --

Description This field specifies the UCITS version the fund complies with. It is linked to "OFST160040

Type Of EU Directive", if the value of this field is "UCITS".

Values 3, 4, ... n

| OF-ID | OFST160100 Field Name | Legal Form |
|-------------|--|---|
| Field Tags | Legal structure | |
| Field Level | Fund | Link Reference |
| Data Type | string | Introduced / Revoked 0.85 / |
| Description | open-ended investment con have different nomenclature | contractual fund, company with variable capital (SICAV), npany (OEIC) or others. Please note, that these legal forms as depending of their domicile. For that reason please tional Nomenclature Of Legal Form". |
| | should be able to accept do | are added to this field. for this reason, the receiving system at a intended for an earlierer version. The so called be guaranteed to a relatively large extent by openfunds. |
| | · | refer to the white paper regarding version management /www.openfunds.org/knowledge/whitepapers/versions/ |
| Values | "Contractual Fund" "Company With Variable Cap "Open-ended Investment Cap "Company With Fixed Capital "Unit Trust / Unit Investment Tr "Limited Partnership (LP)" "Limited Liability Partnership ("Exempted Limited Partnership ("Exempted Limited Partnership ("Imited Company" "Public Limited Company" "Public Limited Company" "Limited Liability Company (L" "Exempted Limited Liability C" "Exempted Company" "Corporation" "International Business Comp "Cell Company (ICC / PCC)" "Trust" "US Mutual Fund" "US Face Amount Certificate "US engaged Partnership" "Delaware Limited Partnership" "Delaware Statutory Trust" "other" (Company that is not essential) | Empany (OEIC)" al (SICAF)" ust (UIT)" LLP) ip (ELP)" d Partnership" LC)" Company" Company (IBC)" |

Example

Contractual Fund

| OF-ID | OFST160110 | Field Name | National Nomenclature Of Legal Form | |
|-------------|----------------|------------|-------------------------------------|------------|
| Field Tags | Key Fact: Fund | | | |
| Field Level | Fund | | Link Reference | OFST160100 |
| Data Type | string | | Introduced / Revoked | 0.88 / |

Description Specifies the national label of the Legal Form OFST160100 in English or in national language where appropriate. Usually the value of this field can be deducted by knowing the fund's Domicile (OFST010010 or OFST010011) and its Legal Form (OFST160100). However, there are a few exceptions from this rule.

One is "Company with variable capital (SICAV)" in Germany, as there exist two possible values "Investmentaktiengesellschaft (InvAG) mit veränderlichem Kapital (KAGB §108ff)" or "Offene Investmentkommanditgesellschaft (InvKG) (KAGB §124ff)". Two other exceptions are "Open-Ended Investment Company (OEIC)" in United Kingdom and Ireland as for both countries there are two possible values. First "Openended investment company (OEIC)" or second "Investment company with variable capital (ICVC)". Please note that even for an Irish or British ICVC one should choose: "Open-Ended Investment Company (OEIC)".

This field helps to determine the appropriate value of "OFST160100 Legal Form". Therefore, its main purpose is the allocation of national nomenclatures to the values mentioned in field "OFST160100 Legal Form". This field is for information only. It is not recommended for data transmission.

Values

"Contractual Fund"

- Fonds commun de placement (FCP) LU
- FR Fonds commun de placement (FCP)
- Fonds commun de placement (FCP) BE
- Vertraglicher Anlagefonds CH
- ΙE Common contractual fund (CCF)
- DE Sondervermögen im Eigentum der Kapitalverwaltungsgesellschaft oder im Miteigentum der Anleger (KAGB §92, Abs. 1)
- Kapitalanlagefonds verwaltet durch eine Kapitalanlagegesellschaft (Miteigentumsfonds)
 - Investmentfonds (vertraglicher Anlagefonds) LI
 - ES Fondo de inversión
 - ΙT Fondo comune di investimento, Fondo speculativo
 - MT Mutual fund

"Company with variable capital (SICAV)"

- Société d'investissement à capital variable
- FR Société d'investissement à capital variable
- BE Société d'investissement à capital variable
- Investmentgesellschaft mit variablem Kapital CH
- Investmentaktiengesellschaft (InvAG) mit veränderlichem Kapital (KAGB § 108ff) DF Offene Investmentkommanditgesellschaft (InvKG) (KAGB § 124ff)
- LI Investmentgesellschaft mit veränderlichem Kapital
- ES Sociedad de inversión de capital variable
- ΙT Società di investimento a capitale variabile
- Investment company with variable share capital MΤ

"Open-Ended Investment Company (OEIC)"

Open-ended investment company (OEIC; protected cell regime is compulsory); Investment company with variable capital (ICVC)

- IE Open-ended investment company (OEIC); Investment company with variable capital (ICVC); Irish Collective Asset-management Vehicle (ICAV)
 - SG Open-ended investment company (OEIC)
 - ID Open-ended investment company (OEIC)

"Company with fixed Capital (SICAF)"

- LU Société d'investissement à capital fixe
- CH Investmentgesellschaft mit festem Kapital
- FR Société d'investissement à capital fixe
- BE Société d'investissement à capital fixe
- DE Investmentaktiengesellschaft (InvAG) mit fixem Kapital
- MT Investment company with fixed share capital

"Unit Tust / Unit Investment Trust (UIT)"

- GB Authorised unit trust (AUT)
- US For US UIT refer to "US Mutual Fund"
- KY (Exempted) Unit trust
- IE Unit trust
- VG Unit trust
- VM Unit trust
- GG Unit trust
- JE Unit trust
- HK Unit trust
- SG Unit trust
- MT Unit trust

"Limited Partnership (LP)"

- CH Kommanditgesellschaft für kollektive Kapitalanlage (KGK)
- LI Kollektivtreuhänderschaft
- GB English limited partnership, Scottish limited partnership
- IE Investment limited partnership (ILP)
- VG Limited partnership
- GG Limited partnership
- JE Limited partnership
- SG Limited partnership
- US Limited partnership (limited partnership organised under US laws other than the State of Delaware)
 - MT Investment partnership

"Limited Liability Partnership (LLP)"

SG Limited Liability Partnership

"Exempted Limited Partnership (ELP)"

- KY Exempted Limited Partnership
- BM Exempted Limited Partnership

"Limited Company"

- GB UK investment trust company (UK listed PLC's)
- IE Public Limited Company (PLC)
- **US** Corporation
- GG Company
- JE Company

[&]quot;Limited Liability Company (LLC)"

HK Mutual fund

US Limited liability company (organised under US laws other than the State of Delaware)

"Exempted Company"

KY Exempted company,

Exempted Segregated portfolio company (SPC),

Exempted Limited duration company (LDC)

BM BVI business company,

Segregated portfolio company (SPC),

Mutual fund (defined in the Companies Act as "a company limited by shares ... and stating in its memorandum that it is a mutual fund.")

"Cell Company (ICC / PCC)"

GG Protected cell company (PCC)

JE Protected cell company (PCC),

Incorporated cell company (ICC; each cell of an ICC is a separate company)

"US Mutual Fund"

US SEC registered Mutual fund. Can be open-ended, closed-ended and an unit investment trust.

Hedge funds are not considered a type of mutual funds.

"US Face amount certificate company (FAC)"

US US Face amount certificate company (FAC; an investment company which is engaged or proposes to engage in the business of issuing face-amount certificates of the installment type, or which has been engaged in such business and has any such certificate outstanding.

"Delaware Limited Partnership"

US Delaware limited partnership

"Delaware Limited Liability Company"

US Delaware limited liability company

"Delaware Statutory Trust"

US Delaware statutory trust

Example Investmentgesellschaft mit variablem Kapital

OF-ID OFST160150 Field Name Home Country Legal Type Of Fund

Field Tags Country specific field | Legal structure

Field Level Fund Link Reference

Data Type string Introduced / Revoked 0.89 / -
Description Besides the legal form (OFST160100) a further legal classification of funds based on national regulations.

Values Sv

Switzerland:

- securities fund
- real estate fund
- other funds for traditional investments
- other funds for alternative investments

Luxembourg:

- partie I
- partie II
- specialized investment fund (SIF)
- reserved alternative investment fund (RAIF)

Ireland:

- retail fund
- qualifying investor fund (QIF)
- professional investor fund (PIF)
- foreign fund

Germany:

- inländischer OGAW (162ff KAGB)
- offener inländischer Publikums-AIF (214ff KAGB)
- geschlossener inländischer Publikums-AIF (261ff KAGB)
- offener inländischer Spezial-AIF (278ff KAGB)
- geschlossener inländischer Spezial-AIF (285ff KAGB)

Singapore:

- authorised CIS
- restricted authorised CIS

Example

authorised CIS

CH: qualified investor

| OF-ID | OFST160160 | Field Name | Home Country Restrictions |
|-------------|-----------------|--|--|
| Field Tags | Country speci | fic field Lego | al structure |
| Field Level | Fund | | Link Reference |
| Data Type | string | | Introduced / Revoked 0.89 / 1 |
| Description | Investor relate | d restrictions a | rising from home country regulations. |
| | //No longer su | pported. Pleas | se use "OFST6050XX Country Specific Restrictions" instead.// |
| Values | | ed investor Il investor nvestor al investor essional investo private investor | |
| | (empty, if not | applicable) | |

| OF-ID | OFST350000 Field Nam | MiFID Securities Classification |
|-------------|-----------------------------|---|
| Field Tags | PRIIP data Classification | EPT |
| Field Level | Fund | Link Reference |
| Data Type | string | Introduced / Revoked 0.88 / |
| Description | | on. According to Art. 25 (4)(a) of the MiFID II Directive or according to PRIIPs RTS Article 8(3)(b) of PRIIPs regulation |

- 1) Non-complex products are:
 - Shares admitted to trading on a regulated market
- Bonds or other forms of securitised debt admitted to trading on a regulated market
 - Money-market instruments
 - Shares or units in UCITS
 - Structured deposits
- 2) Complex products are:
- Shares in non-UCITS collective investment undertakings and shares that embed a derivative
- Bonds that embed a derivative or incorporate a structure which makes it difficult for the client to understand the risk involved
- Money-market instruments that embed a derivative or incorporate a structure which makes it difficult for the client to understand the risk involved
- Structured UCITS as referred to in the second subparagraph of Article 36(1) of Regulation (EU) No 583/2010;
- Structured deposits that incorporate a structure which makes it difficult for the client to understand the risk of return or the cost of exiting the product before term

// The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is: EPT: 04020_Comprehension_Alert_Portfolio//

Values "non-complex instrument" / "complex instrument" / "others"

Example non-complex instrument

| OF-ID | OFST350005 Field Name MiFID German Product Category Or Nature |
|-------------|--|
| Field Tags | Classification MiFID II data EMT |
| Field Level | Fund Link Reference |
| Data Type | string Introduced / Revoked 1.22 / |
| Description | Classification of products regarding the knowledge and/or experience assement of distributors. |
| | The translation of each code value can be found here: "https://www.openfunds.org/fields/MiFID-German-Product-Category-Or-Nature-translation-table.pdf" The table lists an English translation as well as a German one. Please note the available values for this openfunds field are based on the English translation. |
| | // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 00090_Product_Category_or_Nature// |
| Values | "01" / "02" / "03" / "04" / "05" / "06" / "07" / "08" / "09" / "10" / "11" / "12" / "13" / "14" / "15" / "16" / "17" / "18" / "19" / "20" / "21" / "22" |
| Example | 16 |
| OF-ID | OFST350007 Field Name MiFID Specific Investment Need |
| Field Tags | MiFID II target market MiFID II data EMT |
| Field Level | Fund Link Reference OFST350008 |
| Data Type | string Introduced / Revoked 1.22 / |
| Description | Is the fund designed to meet specific investment needs such as Green investment, Ethical investment, ESG, Islamic banking or other. If the fund does not meet any of those investment needs please indicate "no". The following list describes each meaning of the available alphanum values: |
| | N = No G = Green investment E = Ethical investment I = Islamic banking S = ESG O = Other |
| | In case there is a need to provide further details about the specific investment need of this fund, please us the field "OFST350008 MiFID Specific Investment Need Description". |
| | // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 05110_Specific_Investment_Need// |

Ε

Example

Values "N" / "G" / "E" / "I" / "S" / "O"

OF-ID OFST350008 Field Name MiFID Specific Investment Need Description

Field Tags MiFID II target market | MiFID II data

Field Level Fund Link Reference OFST350007

Data Type string Introduced / Revoked 1.23 / --

Description This field complements the field "OFST350007 MiFID Specific Investment Need". In case

there is a need to further specify the specific investment need, it can be provided

here.

Please note that in case this field is to be delivered to WM Datenservice the

corresponding WMDaten field only allows up to 140 characters and no "#" value. The

openfunds standard does not define the length of a string value.

Values Free text.

Example

OF-ID OFST350009 Field Name Is Sharia Compliant

Field Tags Key Fact: Share Class | Classification

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 1.23 / --

Description Is the fund sharia compliant and in accordance with the principles of the Muslim

religion?

Values "yes" / "no"

Example yes

OF-ID OFST350070 Field Name Implicit MiFID Compliance

Field Tags MiFID II data | Classification | Key Fact: Fund

Field Level Fund Link Reference

Data Type string Introduced / Revoked 1.22 / --

Description In this field, the fund house implicitly confirms to the fund distributor that it is acting in

accordance with MiFID.

The translation of each value can be found here:

"https://www.openfunds.org/wp-

content/uploads/2018/01/Implicit_MiFID_Compliance_translation_table.pdf".

Values "01" / "02" / "03" / "04"

OF-ID OFST350100 Field Name EFAMA Main EFC Category

Field Tags Classification

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.88 / --

Description Main Categories of the European Fund Classification as outlined in the paper "The

European Fund Classification - EFC Categories, April 2012, page 4ff". A detailed

description can be downloaded from the EFAMA webpage

(http://www.efama.org/Publications/Public/European_Fund_Classification/EFC%20Cat

egories%20Report.pdf).

Values "Equity" / "Bond" / "Multi-Asset" / "Money Market" / "ARIS" / "Other"

Example Equity

OF-ID OFST350110 Field Name EFAMA Active EFC Classification

Field Tags Classification

Field Level Share Class Link Reference OFST350100

Data Type string Introduced / Revoked 0.9 / --

Description The six EFAMA Main EFC Categories OFST350100 are segmented according to 9

additional criteria: country/region, sector, market capitalisation, currency exposure, credit quality, interest rate exposure, emerging market exposure, asset allocation and

structural characteristics resulting in over 350 categories.

The holdings-based categorisation is performed free-of-charge by FundConnect on behalf of EFAMA. Fund distributors and data providers are advised to download the EFAMA Active EFC Classification directly from the EFAMA website to ensure that the share classes are categorised properly. Asset managers should not do an autonomous classification. A list of categorised funds and share classes can be downloaded from http://www.efama.org/SitePages/EFCF.aspx menu items "Download Classification"

Results" or "Download Classification Summary".

Values http://www.efama.org/SitePages/EFCF.aspx

Example Equity Asia Pacific Ex Japan Small Cap

OF-ID **OFST400200** Field Name **Subscription Category**

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.86 / --

Description Some funds allow to invest into the fund not only by buying a specific number of

shares, but also by investing a specific amount of money. A subscription for a specific amount of money usually implies, that one can invest in fractions of a share class unit. For instance, assume that a share class of a fund costs 125 currency units. If it is only possible to buy a specific number of shares, "shares" is the right choice. If it is possible to invest 200 currency units equivalent of 1.6 shares of the fund, than "amount" is the answer. If both ways are possible, please use "shares and amount".

In case there is no minimal subscription neither for initial nor for subsequent subscriptions, please choose "shares and amount" and insert the number '0' (zero) into the following linked fields:

-OFST400220 Minimal Initial Subscription In Shares

-OFST400250 Minimal Subsequent Subscription In Shares

-OFST400230 Minimal Initial Subscription In Amount

-OFST400260 Minimal Subsequent Subscription In Amount

Values "shares" / "amount" / "shares and amount"

Example shares and amount

OF-ID OFST400220 Field Name Minimal Initial Subscription In Shares

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST400200

Data Type double Introduced / Revoked 0.86 / --

Description If subscriptions are only in shares: what is the minimum number of shares for new

investments?

In case there is no minimal subscription neither for initial nor for subsequent subscriptions, please choose "shares and amount" for the linked field "OFST400200

Subscription Category" and insert the number '0' (zero) into this field.

Values 1, 2, ... n Example 5000 OF-ID OFST400230 Field Name Minimal Initial Subscription In Amount

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST400200

Data Type double Introduced / Revoked 0.86 / --

Description If subscriptions have to be done in amount: what is the minimum amount for an initial

investment in the mentioned currency? Please note, that the amount could be as low as one currency unit or as high as several millions of a currency unit. Please indicate

the currency in field "OFST400240 Currency Of Subscription".

In case there is no minimal subscription neither for initial nor for subsequent subscriptions, please choose "shares and amount" for the linked field "OFST400200"

Subscription Category" and insert the number '0' (zero) into this field.

Values 1, 2, ... n Example 1000

OF-ID OFST400240 Field Name Currency Of Subscription

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference OFST400230

Data Type string Introduced / Revoked 0.86 / --

Description If subscription in amount is possible: in what currency one can subscribe? If there is

more than one subscription currency, please mention the main subscription currency.

Please indicate the subscription amount in field "OFST400230 Minimal Initial

Subscription In Amount"

Values [List] of currencies. Please use ISO code 4217 as it can be found on

https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html

Example USD

OF-ID OFST400250 Field Name Minimal Subsequent Subscription In Shares

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 0.86 / --

Description If subsequent subscriptions are in shares: what is the minimum number of shares for an

additional investment?

Values 1, 2, ... n Example 1000 OF-ID OFST400260 Field Name Minimal Subsequent Subscription In Amount

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 0.86 / --

Description If subscriptions have to be done in amount: what is the minimum amount for a

subsequent investment?

Values 1, 2, ... n

Example 500

OF-ID OFST401002 Field Name Pricing Methodology

Field Tags Execution data | Key Fact: Fund | Purchase information

Field Level Fund Link Reference OFST401003

Data Type string Introduced / Revoked 0.92 / --

Description In general there are "Dual Priced Funds" and "Single Pricing Funds".

The value "dual pricing" refers to a fund which calculates two NAVs, firstly the so-called "offer price", a NAV for subscribers derived from underlying security offer prices and secondly the so-called "bid price", a NAV for redeemers, derived from underlying security bid prices.

A "single pricing" fund calculates only one single NAV per share, which is used for all capital activities regardless whether inflows or outflows are affected. However there are three different main methods for calculating the single NAV. Therefore, if it is a single pricing fund, please also fill out field "OFST401003 Single Pricing Type".

More information are available at

http://www.alfi.lu/sites/alfi.lu/files/Swing-Pricing-guidelines-final.pdf

Values "single pricing" / "dual pricing"

Example single pricing

| OF-ID | OFST401003 Field Name Single Pricing Type |
|-------------------|--|
| Field Tags | Purchase information Key Fact: Fund Execution data |
| Field Level | Fund Link Reference OFST401002 |
| Data Type | string Introduced / Revoked 0.92 / |
| Description | The list of values for this data point are (a) "no swing NAV", (b) "full swing NAV" and (c) "partial swing NAV". They refer to the Value "single pricing" in field "OFST401002 Pricing Methodology". The following definitions are from an alfi paper (page 7), that can be found at http://www.alfi.lu/sites/alfi.lu/files/Swing-Pricing-guidelines-final.pdf |
| | "no swing NAV": A fund which calculates only one single NAV per share which is used for all capital activities and does not apply a swing factor. |
| | "full swing NAV": The unswung NAV is adjusted each time there is capital activity, irrespective of its size or significance to the fund. The direction of the swing is determined by the net capital activity of the day. |
| | "partial swing NAV": The NAV only swings if a predetermined net capital activity threshold (the swing threshold) is exceeded on a dealing day. As with full swing the direction of the swing is determined by the net capital activity of the day. Partial swing can also be referred to as semi-swing pricing. |
| | In the cases (b) and (c) above the two resulting NAV are also referred to as the transaction price (swing price) and the valuation price (unswung price). |
| Values Example | "no swing NAV" / "full swing NAV" / "partial swing NAV" no swing NAV |
| OF-ID | OFST402500 Field Name Maximal Number Of Possible Decimals Shares |
| Field Tags | Execution data Purchase information |
| Field Level | Share Class Link Reference |
| Data Type | integer Introduced / Revoked 1.2 / |
| Description | Maximal number of decimals used for transactions for this specific share classes. |
| Values Example | 0, 1, 2, n 2 |
| OF-ID | OFST402600 Field Name Maximal Number Of Possible Decimals NAV |
| Field Tags | Execution data Purchase information |
| Field Level | Share Class Link Reference |
| Data Type | integer Introduced / Revoked 1.2 / |
| | Maximal number of decimals used for NAV calculations, assuming that this figure is equal for all kind of NAVs calculated for this specific share class, e.g. valuation price, transaction price (single pricing) or bid and ask price with dual priced share classes. |
|) / I | 0.1.0 |

0, 1, 2, ... n

Values

OF-ID **OFST405051** Field Name **Frequency Of Subscription**

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.91 / --

Description Shortest period of two subcriptions. Minimum is daily.

Values "daily" / "twice a week" / "weekly" / "twice a month" / "monthly" / "quarterly" / "twice a

year" / "annually" / "at least annually"

Example quarterly

OF-ID **OFST405500** Field Name **Has Pre-notice For Subscription**

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST405510

Data Type boolean Introduced / Revoked 0.9 / --

Description Is there a required pre-notice for subscriptions? Typically used by hedge funds, but not

very common for mutual funds. The Subscription Notice Period (OFST405510) specifies how many days in advance investors have to notify that they wish to subscribe to a

fund.

Values "yes" / "no"

Example no

OF-ID OFST405510 Field Name Subscription Notice Period

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference OFST430200

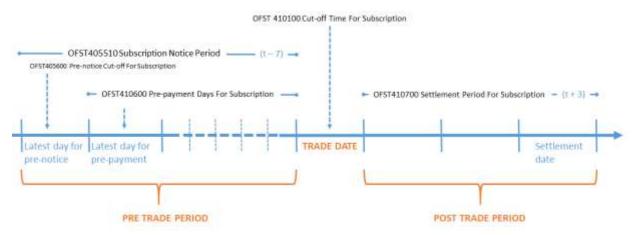
Data Type integer Introduced / Revoked 0.86 / --

Description Also called "Subscription Notification Period". Typically used by hedge funds, but not very common for mutual funds. The Subscription Notice Period specifies how many

days in advance investors have to notify that they wish to subscribe to a fund. Please choose calendar or business days in field "OFST430200 Calendar Or Business Days For

Transactions".

Frequently the Subscription Notice Period is connected to the obligation to submit subscription documents.



Values 1, 2, ... n

Example 20

OF-ID OFST405521 Field Name Subscription Trade Cycle Period

Field Tags Execution data | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.2 / --

Data type Stillig

Description The length of the revolving time period within that one or more subscriptions can be executed. More information about trade cycles can be obtained by downloading the

whitepaper at https://www.openfunds.org/en/trade-cycle.

To indicate a mix of different trade cylcle periods (=multiple trade cycles) choose "combined" and refer to the whitepaper at "https://www.openfunds.org/en/trade-cycle" how to fill out the relevant field, i.e. "OFST405530 Dates Of Multiple Subscription

Trade Cycles".

Values "daily" / "weekly" / "monthly" / "yearly" / "combined"

Example monthly

OF-ID OFST405523 Field Name Number Of Possible Subscriptions Within Period

Field Tags Key Fact: Share Class | Execution data

Field Level Share Class Link Reference OFST405521

Data Type integer Introduced / Revoked 1.2 / --

Description The number of subscriptions that can be executed during the time period specified in

"OFST405521 Subscription Trade Cycle Period". More information about trade cycles can be obtained within the whitepaper at "https://www.openfunds.org/en/trade-

cycle".

Values 1, 2, ... n

Example 1

OF-ID OFST405525 Field Name Weekly Subscription Dealing Days

Field Tags Execution data | Key Fact: Share Class

Field Level Share Class Link Reference OFST405523

Data Type string Introduced / Revoked 1.2 / --

Description This field specifies the dates within the selected period. For a weekly period

(OFST405521 Subscription Trade Cycle Period "weekly") you can choose one or more

weekdays or the first or last business day of the wee In general there is a difference between "1st business day" / weekdays and "last business day". For instance, "last business day" would shift Friday to Thursday and the value "Fr" would shift Friday to Monday in case Friday is a banking holiday.

If weekly subscriptions are possible on more than one weekday within the week (OFST405563 Number Of Possible Subscriptions Within Period > 1), you should combine these values by using a pipe "|" (ASCII 124). You can combine any weekday with another weekday and also the two values "1st businessday" and "last business day". However, you should not combine a weekday with one of the two values "1st business day" or "last business day" as this might lead to contradictory values.

In case of irregulare subscription dealing days please use the field "OFST405532 Irregular Subscription Dealing Days".

More information about trade cycles can be obtained by downloading the whitepaper at https://www.openfunds.org/en/trade-cycle

Values ["1st business day"] ["last business day"] ["Su"] ["Mo"] ["Tu"] ["We"] ["Th"] ["Fr"] ["Sa"]

Example MolTh

OF-ID OFST405526 Field Name **Monthly Subscription Dealing Days** Execution data | Key Fact: Share Class Field Tags Link Reference OFST405523 Field Level Share Class Introduced / Revoked Data Type string 1.2 / --Description This field specifies the dates within the selected period. A monthly period (OFST405521 Subscription Trade Cycle Period = "monthly") consists of two terms. Term a) represents a number, term b) a day. You can choose one or more days during a month. You can choose from any meaningful combination of a number (e.g. "1st", "2nd", ... "31st" or "last") and a day (e.g. "calendar day", "business day", "Su", "Mo", Tu", etc.) like "last Fr". If monthly subscriptions are possible on more than one day within the month (OFST405523 Number Of Possible Subscriptions Within Period > 1), you should combine these values by using a pipe "|" (ASCII 124). For instance, "15th calendar day | last business day". In case of irregulare subscription trade dealing days please use the field "OFST405532" Irregular Subscription Dealing Days". More information about trade cycles can be obtained by downloading the whitepaper at https://www.openfunds.org/en/trade-cycle. Term a): ["1st"] ["2nd"] ["3rd"] ["4th"] ["5th"] ... ["31st"] ["last"] Values Term b): ["calendar day"] ["business day"] ["Su"] ["Mo"] ["Tu"] ["We"] ["Th"] ["Fr"] ["Sa"] 1st business day | 10th calendar day | 20th calendar day | last business day Example

| OF-ID | OFST405528 Field Name Yearly Subscr | iption Dealing Days | | | | |
|-------------|---|--|--|--|--|--|
| Field Tags | Execution data Key Fact: Share Class | | | | | |
| Field Level | Share Class | Link Reference OFST405523 | | | | |
| Data Type | string | Introduced / Revoked 1.2 / | | | | |
| Description | This field specifies the dates within the select Subscription Trade Cycle Period = "yearly") of number, term b) a day and term c) a month do so, you can choose any meaningful con "31st" or "last"), a day (e.g. "calendar day", "keep month (e.g. "Jan", "Feb", "Mar", etc.) like "last on more than one day within the year (OFS) Within Period > 1), you should combine thes instance, "last business day Jun 15tth calen | consists of three Terms. Term a) represents a n. You can choose one or more dates. To abination of a number (e.g. "1st", "2nd", pusiness day", "Su", "Mo", Tu", etc.) and Fr Jun". If yearly subscriptions are possible 1405523 Number Of Possible Subscriptions e values by using a pipe " " (ASCII 124). For | | | | |
| | In case of irregulare subscription trade dealing days please use the field "OFST405532 Irregular Subscription Dealing Days". | | | | | |
| | More information about trade cycles can b whitepaper at https://www.openfunds.org/ | · | | | | |
| Values | Term a): ["1st"] ["2nd"] ["3rd"] ["4th"] ["5th"], ["31st"] ["last"] Term b): ["calendar day"] ["business day"] ["Su"] ["Mo"] ["Tu"] ["We"] ["Th"] ["Fr"] ["Sa"] Term c): [Jan] [Feb] [Mar] [Apr] [May] [Jun] [Jul] [Aug] [Sep] [Okt] [Nov] [Dec] | | | | | |
| Example | last business day Jun | | | | | |
| OF-ID | OFST405530 Field Name Dealing Days | Of Multiple Subscription Trade Cycles | | | | |
| Field Tags | Execution data Key Fact: Share Class | | | | | |
| Field Level | Share Class | Link Reference | | | | |
| Data Type | string | Introduced / Revoked 1.2 / | | | | |
| Description | Depending on the period (weekly, monthly, described in "OFST405525 Weekly Subscription Subscription Dealing Days", "OFST405528 Year "OFST405532 Irregular Subscription Dealing Eseparate them by a pipe " " (ASCII 124). | on Dealing Days", "OFST405526 Monthly arly Subscription Dealing Days" or | | | | |
| | More information about trade cycles can b whitepaper at https://www.openfunds.org/ | | | | | |
| Values | Values from "OFST405525 Weekly Subscription | on Dealing Days", "OFST405526 Monthly | | | | |

Subscription Dealing Days", "OFST405528 Yearly Subscription Dealing Days" or

15th calendar day | last business day Jun

"OFST405532 Irregular Subscription Dealing Days" separated by pipe "|" (ASCII 124).

OF-ID OFST405532 Field Name **Irregular Subscription Dealing Days**

Execution data | Key Fact: Share Class Field Tags

Field Level Share Class Link Reference

Introduced / Revoked 1.23 / --Data Type string

Description This field is a free format text field in order to indicate irregular trade cycles which are

not covert by the fields "OFST405525 Weekly Subscription Dealing Days", "OFST405526 Monthly Subscription Dealing Days" and "OFST405528 Yearly Subscription Dealing Days".

For instance "6st last business day".

Free text. Values

Example

Field Name OF-ID OFST405600 **Pre-notice Cut-off For Subscription**

Purchase information | Execution data Field Tags

Field Level Share Class Link Reference

Introduced / Revoked Data Type time 0.9 / --

Description Pre-notice cut-off time for subscriptions. Additionally it is necessary to mention the

appropriate time zone in field "OFST410090 Time Zone For Cut-off For Subscription And

Redemption" or "OFST410092 Time Zone For Cut-off Using TZ Database".

Values hh:mm (24 hours)

13:00 Example

Field Name **Trade Date** OF-ID OFST410060

Field Tags Purchase information | Key Fact: Share Class | Execution data

Field Level Share Class Link Reference

Introduced / Revoked Data Type integer 1.2 / --

Description The date, when a subscription or redemption is executed. Usually "OFST410100 Cut-off

Time For Subscription" and "OFST430100 Cut-off Time For Redemption" refer to the Trade Date. Therefore, the default value for this field is zero. In cases, where the cut-off refers to a date earlier than execution, please mention the length of this offset in days.

More information can be found in the white paper "Execution Fields: Notification and

Settlement" at https://www.openfunds.org/en/notification-and-settlement

Values 0, 1, 2, ..., n

| OF-ID | OFST410090 | Field Name | Time Zone For Cut-off For Subscription And Re | demption |
|-------------|--|-----------------|---|------------|
| Field Tags | Execution date | a Purchase ir | nformation | |
| Field Level | Share Class | | Link Reference | OFST410092 |
| Data Type | string | | Introduced / Revoked | 0.91 / |
| Description | Relevant time zone for "OFST410100 Cut-off Time For Subscription" or "OFST430100 Cut-off Time For Redemption" in local standard time format. | | | |

Helpful links can be found at:

- https://en.wikipedia.org/wiki/List_of_time_zones_by_country
- https://en.wikipedia.org/wiki/Coordinated_Universal_Time
- https://www.timeanddate.com/time/zones
- https://en.wikipedia.org/wiki/Daylight_saving_time
- https://en.wikipedia.org/wiki/Tz_database

Commonly used standard time formats are:

- EST Eastern Time Zone (USA); UTC-05:00
- CST Central Time Zone (USA); UTC-06:00
- PST Pacific Time Zone (USA); UTC-07:00
- CET Central European Time; UTC+01:00
- HKT Hong Kong Time; UTC+08:00
- SST Singapore Standard Time; UTC+08:00

Please note, that mentioning the abbreviatioin of a standard time zone is an approximation as there are many countries that know daylight saving time. In this case openfunds would assume only mentioning one abbreviatione, e.g. CET for Central European Time, despite between March and October it should be CEST for Central European Summer Time.

Additionally openfunds recommends not to use this field for automatic implementation, as there are quite some identical abbreviations for different time zones, e.g. ADT stands for Arabia Daylight Time (UTC+3:00) or Antlantic Daylight Time (UTC-3:00).

For automatic information exchange please refer to "OFST410092 Time Zone For Cut-off Using TZ Database"

Values [List] of local standard time zones, e.g. EST, CST, PST, CET, HKT, SST, etc. Abbreviations

can be found at https://www.timeanddate.com/time/zones

Example SST

OF-ID OFST410092 Field Name Time Zone For Cut-off Using TZ Database

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference OFST410090

Data Type string Introduced / Revoked 0.91 / --

Description The tz database, also called Olson database or IANA time zone database, is a public

domain database including information about the world's time zones. It uses a naming

convention that focuses on cities instead of countries, e.g. America/New_York, America/Indiana/Indianapolis, Asia/Kolkata or Europe/Paris. Further information can

be found on https://en.wikipedia.org/wiki/Tz_database#Definition_of_a_time_zone.

For technical implementation http://www.joda.org/joda-time/ (Java) or

http://nodatime.org/ (.NET) could be good starting points. A list of tz database time zones can be found here: https://en.wikipedia.org/wiki/List_of_tz_database_time_zones

Values [List] of cities in an Area/Location format, e.g. America/New_York. Please refer to

https://en.wikipedia.org/wiki/List_of_tz_database_time_zones

Example Europe/London

OF-ID OFST410100 Field Name Cut-off Time For Subscription

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST410090

Data Type time Introduced / Revoked 0.85 / --

Description Provider cut-off time (deadline order placement) [hh:mm]. Additionally it is necessary

to mention the appropriate time zone in field "OFST410090 Time Zone For Cut-off For

Subscription And Redemption" or "OFST410092 Time Zone For Cut-off Using TZ

Database".

Values hh:mm (24 hours)

Example 12:00

OF-ID OFST410500 Field Name Has Pre-payment For Subscription

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST410600

Data Type boolean Introduced / Revoked 0.87 / --

Description Is there a pre-payment period for the subscription?

Values "yes" / "no"

Example no

OF-ID OFST410600 Field Name Pre-payment Days For Subscription

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST430200

Data Type integer Introduced / Revoked 0.9 / --

Description Number of days before NAV date. - Please choose calendar or business days in field

"OFST430200 Calendar Or Business Days For Transactions".

Values 1, 2, ... n

Example 5

OF-ID OFST410650 Field Name Pre-payment Cut-off Time For Subscription

Field Tags Purchase information | Execution data

Field Level Fund Link Reference

Data Type time Introduced / Revoked 0.9 / --

Description When, i.e. before what time is the pre-payment due. Additionally it is necessary to

mention the appropiate time zone in field "OFST410090 Time Zone For Cut-off For

Subscription And Redemption" or "OFST410092 Time Zone For Cut-off Using TZ

Database".

Values hh:mm (24 hours)

Example 16:00

OF-ID **OFST410700** Field Name **Settlement Period For Subscription**

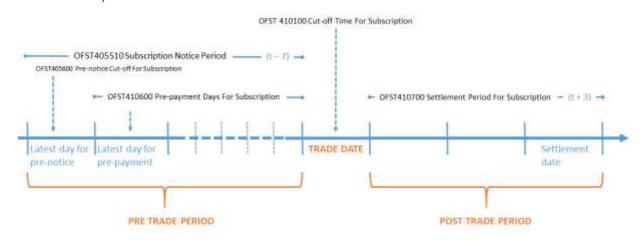
Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST430200

Data Type integer Introduced / Revoked 0.9 / --

Description How many days are needed to settle a subscription to this fund after the trade date, i.e. how many days does it take until the fund is transferred to the buyers securities account? Please choose calendar or business days in field "OFST430200 Calendar Or

Business Days For Transactions".



Values 1, 2, ... n

OF-ID **OFST410950** Field Name **Has Lock-up For Redemption**

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference OFST410952

Data Type boolean Introduced / Revoked 0.91 / --

Description Indicates if the fund has a lock-up period for early redemption.

Values "yes" / "no"

Example no

OF-ID OFST410952 Field Name Lock-up Comment

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference OFST410950

Data Type string Introduced / Revoked 0.91 / --

Description Free text to specify the lock-up. Please also include the kind of lock-up, i.e. if soft with a

penalty or hard without the option for early redemption.

Values Free text, max. 150 characters including spaces without line breaks, bullets, etc..

Example 1 year lock-up with a 1% penalty.

OF-ID **OFST420200** Field Name **Redemption Category**

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.9 / --

Description Is it possible to redeem an amount of money? This usually assumes fractions of units.

Values "shares" / "amount" / "shares and amount"

Example shares and amount

OF-ID OFST420220 Field Name Minimal Initial Redemption In Shares

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference

Data Type integer Introduced / Revoked 0.9 / --

Description If redemptions have to be done in shares; what is the minimal number of shares for

redemption?

Values 1, 2, ... n

OF-ID OFST420230 Field Name Minimal Initial Redemption In Amount

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST420200

Data Type integer Introduced / Revoked 0.9 / --

Description If redemptions are in currency: what is the minimal initial amount for redemptions in

the mentioned currency? Please indicate the currency in field "OFST420240 Currency

Of Redemption".

Values 1, 2, ... n

Example 1

OF-ID OFST420240 Field Name Currency Of Redemption

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST420230

Data Type string Introduced / Revoked 0.9 / --

Description If redemption in amount is possible: in what currency one can redeem? If there is more

than one redemtion currency, please mention the main redemtion currency. Please indicate the redemption amount in field "OFST420230 Minimal Initial Redemption In

Amount"

Values [List] of currencies. Please use ISO code 4217 as it can be found on

https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

Example USD

OF-ID OFST420250 Field Name Minimal Subsequent Redemption In Shares

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference

Data Type integer Introduced / Revoked 0.9 / --

Description If redemptions have to be done in shares: what is the minimum number of shares for a

subsequent redemption?

Values 1, 2, ... n

Example 1

OF-ID OFST420260 Field Name Minimal Subsequent Redemption In Amount

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference

Data Type integer Introduced / Revoked 0.9 / --

Description If redemptions have to be done in amount: what is the minimum amount in the

specified currency for a subsequent redemption?

Values 1, 2, ... n

| OF-ID | OFST420551 | Field Name | Frequency Of Redemption | |
|-------|------------|------------|-------------------------|--|
|-------|------------|------------|-------------------------|--|

Purchase information | Execution data Field Tags

Field Level Share Class Link Reference

Introduced / Revoked 0.91 / --Data Type string

Description Period of redemption of shares.

Values "daily" / "twice a week" / "weekly" / "twice a month" / "monthly" / "quarterly" / "twice a

year" / "annually" / "at least annually"

quarterly Example

OF-ID OFST425500 Has Pre-notice For Redemption Field Name

Execution data | Purchase information Field Tags

Field Level Share Class Link Reference OFST425550

Introduced / Revoked 0.9 / --Data Type boolean

Description Is there a required pre-notice for redemption? Typically used by hedge funds, but not

very common for mutual funds. The Redemption Notice Period (OFST425550) specifies

how many days in advance investors have to notify that they wish to redeem a fund.

"yes" / "no" Values

Example no

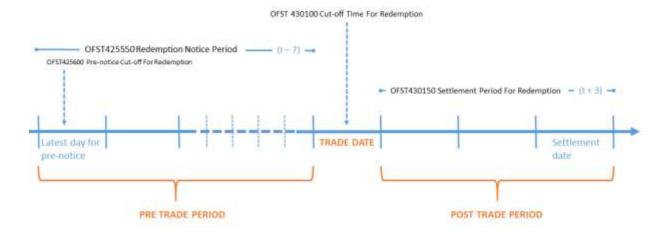
OF-ID OFST425550 Field Name **Redemption Notice Period**

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference OFST430200

Introduced / Revoked 0.85 / --Data Type integer

Description Also called redemption notification period. Typically used by hedge funds, but not very common for mutual funds. The Redemption Notice Period specifies how many days in advance investors have to notify that they wish to redeem a fund. Please choose calendar or business days in field "OFST430200 Calendar Or Business Days For Transactions".



Values 1, 2, ... n

| OF-ID | OFST425561 | Field Name | Redemption Trade Cycle Period |
|------------|----------------|-----------------|-------------------------------|
| Field Tags | Execution data | a Key Fact: S | hare Class |

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.2 / --

Description The length of the revolving time period within that one or more redemptions can be

executed. More information about trade cycles can be obtained by downloading the

whitepaper at https://www.openfunds.org/en/trade-cycle.

To indicate a mix of different trade cylcle periods (=multiple trade cycles) choose "combined" and refer to the whitepaper at 'https://www.openfunds.org/en/trade-cycle/' how to fill out the relevant field, i.e. "OFST425570 Dates Of Multiple Redemption

Trade Cycles".

Values "daily" / "weekly" / "monthly" / "yearly" / "combined"

Example monthly

OF-ID OFST425563 Field Name Number Of Possible Redemptions Within Period

Field Tags Execution data | Key Fact: Share Class

Field Level Share Class Link Reference OFST425561

Data Type integer Introduced / Revoked 1.2 / --

Description The number of redemptions that can be executed during the time period specified in

"OFST425561 Redemption Trade Cycle Period". More information about trade cycles

can be obtained by downloading the whitepaper at

https://www.openfunds.org/en/trade-cycle.

Values 1, 2, ... n

OF-ID OFST425565 Field Name Weekly Redemption Dealing Days

Field Tags Key Fact: Share Class | Execution data

Field Level Share Class Link Reference OFST425563

Data Type string Introduced / Revoked 1.2 / --

Description This field specifies the dates within the selected period. For a weekly

period(OFST425561 Redemption Trade Cycle Period "weekly") you can choose one or more weekdays or the first or last business day of the week. In general there is a difference betwee "1st business day" / weekdays and "last business day". For instance, "last business day" would shift Friday to Thursday and the value "Fr" would shift Friday to Monday in case Friday is a banking holiday. If weekly redemptions are possible on more than one weekday within the week (OFST425563 Number Of Possible

Redemptions Within Period > 1), you should combine these values by using a pipe "|" (ASCII 124). You can combine any weekday with another weekday and also the two values "1st businessday" and "last business day". However, you should not combine a weekday with one of the two values "1st business day" or "last business day" as this might lea to contradictory ve. In case of irregulare redemption dealing days please use the field "OFST425572 Irregular Redemption Dealing Days". More information about

trade cycles can be obtained by downloading the whitepaper at

https://www.openfunds.org/en/trade-cycle

Values ["1st business day"] ["last business day"] | ["Su"] ["Mo"] ["Tu"] ["We"] ["Th"] ["Fr"]

["Sa"]

Example Mo|Th

OF-ID OFST425566 Field Name Monthly Redemption Dealing Days

Field Tags Execution data | Key Fact: Share Class

Field Level Share Class Link Reference OFST425563

Data Type string Introduced / Revoked 1.2 / --

Description This field specifies the dates within the selected period. A monthly period (OFST425561

Redemption Trade Cycle Period = "monthly") consists of two terms. Term a) represents a number, term b) a day. You can choose one or more days during a month. You can choose from any meaningful combination of a number (e.g. "1st", "2nd", ... "31st" or "last") and a day (e.g. "calendar day", "business day", "Su", "Mo", Tu", etc.) like "last Fr". If monthly redemptions are possible on more than one day within the month

(OFST425563 Number Of Possible Redemptions Within Period > 1), you should combine these values by using a pipe "|" (ASCII 124). For instance, "15th calendar day | last business day". In case of irregulare redemption dealing days please use the field

"OFST425572 Irregular Redemption Dealing Days".

More information about trade cycles can be obtained by downloading the

whitepaper at https://www.openfunds.org/en/trade-cycle.

Values Term a): ["1st"] ["2nd"] ["3rd"] ["4th"] ["5th"] ... ["31st"] | ["last"]

Term b): ["calendar day"] ["business day"] | ["Su"] ["Mo"] ["Tu"] ["We"] ["Th"] ["Fr"]

["Sa"]

Example 1st business day | 10th calendar day | 20th calendar day | last business day

OF-ID OFST425568 Field Name **Yearly Redemption Dealing Days** Execution data | Key Fact: Share Class Field Tags Link Reference OFST425563 Field Level Share Class Introduced / Revoked Data Type string

Description This field specifies the dates within the selected period. A yearly period (OFST425561 Redemption Trade Cycle Period = "yearly") consists of three Terms. Term a) represents a number, term b) a day and term c) a month. You can choose one or more dates. To do so, you can choose any meaningful combination of a number (e.g. "1st", "2nd", ... "31st" or "last"), a day (e.g. "calendar day", "business day", "Su", "Mo", Tu", etc.) and month (e.g. "Jan", "Feb", "Mar", etc.) like "last Fr Jun". If yearly redemptions are possible on more than one day within the year (OFST425563 Number Of Possible Redemptions Within Period > 1), you should combine these values by using a pipe "|" (ASCII 124). For instance, "last business day Jun | 15tth calendar day Dec". In case of irregulare redemption dealing days please use the field "OFST425572 Irregular Redemption Dealing Days".

> More information about trade cycles can be obtained by downloading the whitepaper at https://www.openfunds.org/en/trade-cycle.

["1st"], ["2nd"], ["3rd"], ["4th"], ["5th"], ..., ["31st"] | ["last"]; ["calendar day"], Values

["business day"] | ["Su"], ["Mo"], ["Tu"], ["We"], ["Th"], ["Fr"], ["Sa"]; [Jan], [Feb],

[Mar], [Apr], [May], [Jun], [Jul], [Aug], [Sep], [Okt], [Nov], [Dec]

last business day Jun Example

OF-ID OFST425570 Field Name Dealing Days Of Multiple Redemption Trade Cycles

Field Tags Key Fact: Share Class | Execution data

Field Level Share Class Link Reference

Data Type Introduced / Revoked 1.2 / -string

Description Depending on the period (weekly, monthly, yearly) please use the same values as

described in "OFST425565 Weekly Redemption Dealing Days", "OFST425566 Monthly Redemption Dealing Days", "OFST425568 Yearly Redemption Dealing Days" or "OFST425572 Irregular Redemption Dealing Days". To separate different cycles just

separate them by a pipe "|" (ASCII 124).

More information about trade cycles can be obtained by downloading the

whitepaper at https://www.openfunds.org/en/trade-cycle.

Values Values from "OFST425565 Weekly Redemption Dealing Days", "OFST425566 Monthly

Redemption Dealing Days", "OFST425568 Yearly Redemption Dealing Days" or

"OFST425572 Irregular Redemption Dealing Days" separated by pipe "|" (ASCII 124).

Example 15th calendar day | last business day Jun 1.2 / --

OF-ID OFST425572 Field Name Irregular Redemption Dealing Days

Field Tags Key Fact: Share Class | Execution data

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.23 / --

Description This field is a free format text field in order to indicate irregular trade cycles which are

not covert with the fields "OFST425565 Weekly Redemption Dealing Days", "OFST425566

Monthly Redemption Dealing Days" and "OFST425568 Yearly Redemption Dealing

Days". For instance "6st last business day".

Values Free text.

Example

OF-ID OFST425600 Field Name Pre-notice Cut-off For Redemption

Field Tags Purchase information | Execution data

Field Level Share Class Link Reference

Data Type time Introduced / Revoked 0.9 / --

Description Pre-notice cut-off time for redemptions. Additionally it is necessary to mention the

appropriate time zone in field "OFST410090 Time Zone For Cut-off For Subscription And

Redemption" or "OFST410092 Time Zone For Cut-off Using TZ Database".

Values hh:mm (24 hours)

Example 14:00

OF-ID OFST430100 Field Name Cut-off Time For Redemption

Field Tags Execution data | Purchase information

Field Level Share Class Link Reference OFST410090

Data Type time Introduced / Revoked 0.87 / --

Description Provider cut-off time (deadline order placement) [hh:mm]. Additionally it is necessary

to mention the appropiate time zone in field "OFST410090 Time Zone For Cut-off For

Subscription And Redemption" or "OFST410092 Time Zone For Cut-off Using TZ

Database".

Values hh:mm (24 hours)

Example 12:00

OF-ID OFST430150 Field Name **Settlement Period For Redemption**

Field Tags Purchase information | Execution data

Link Reference OFST430200 Field Level Share Class

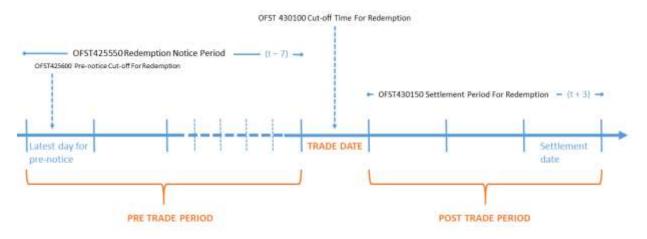
Introduced / Revoked Data Type integer 0.9 / --

Description How many days are needed to settle a redemption of this fund after the trade date,

i.e. how many days does it take until the cash is transferred to the sellers account?

Please choose calendar or business days in field "OFST430200 Calendar Or Business

Days For Transactions".



Values 1, 2, ... n

Example

OF-ID **Calendar Or Business Days For Transactions OFST430200** Field Name

Field Tags Execution data | Purchase information

Field Level **Share Class** Link Reference

Introduced / Revoked 0.9 / --Data Type string

Description This field defines whether a period of days, e.g. for settlement or notification refers to

calendar days or to business days.

Values "calendar days" / "business days"

calendar days Example

OF-ID OFST450995 Field Name **Exit Cost Description**

Key Fact: Share Class | Fees and expenses Field Tags

Field Level Share Class Link Reference

Introduced / Revoked 1.1 / --Data Type string

Description In case no exit fees exist, this field should be empty. However, if there are exit costs, a

short explanation of these would be expected, especially if there are exit cost, that

are dependent on the time span the investor was invested.

Values Free text.

Example

OF-ID OFST451000 Field Name Has PRIIPS Performance Fee

Field Tags PRIIP data | Fees and expenses | EPT

Field Level Share Class Link Reference OFST451020

Introduced / Revoked Data Type boolean 0.9 / --

Description Does the prospectus faciliate a performance fee?

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is: EPT: 03090_Existing_performance_fees//

"yes" / "no" Values

Example yes

OF-ID OFST451005 Field Name PRIIPS Performance Fee Description

Field Tags EPT | PRIIP data | Key Fact: Share Class

Field Level Share Class Link Reference OFST451020

Data Type Introduced / Revoked 1.1 / -string

Description Description of the performance fee mechanism. Usually the fund has to outperform a specific index before a performance fee is deducted from the fund's assets.

> This field's OF-ID can also include a language tag, i.e. OFST451005(de) for PRIIPS Performance Fee Description written in German, openfunds recommends using only

> the five languages English (en), French (fr), Spanish (es), German (de) and Italian (it). For more information please refer to https://www.openfunds.org/en/language-tags.

Please note, in case you would like to convert this field into EPT that the corresponding EPT field only allows up to 300 characters. The openfunds standard does not define the

length of a string value.

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is:

EPT: 04090_Portfolio_Performance_Fees_Narrative//

Values Free text.

The impact of the performance fee. We take these from your investment if the Example

product outperforms its benchmark [y by x%].

OF-ID OFST451020 Field Name PRIIPS Performance Fee
Field Tags PRIIP data | PRIIPs and MiFID cost fields | Fees and expenses | EPT

Field Level Share Class Link Reference OFST451000

Data Type double Introduced / Revoked 0.9 / --

Description Actually applied PRIIPS performance fee, if applicable. It is calculated on five years ex-

post average. Usually this figure can be derived from the accounting of the fund.

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is: EPT:

03095_Incidental_costs_Portfolio_performance_fees//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.075 (instead of 7.5%)

OF-ID OFST451028 Field Name Performance Fee Applied

Field Tags Fees and expenses | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1,23 / --

Description Applied performance fee. Usually lower than the performance fee maximum. It can

also be applied for UCITS. The applied performance fee should be calculated according to the latest annual report. Usually this figure can be derived from the accounting of the fund. As it is a result of the positive or negative performance of the

share class, it can be negative, too.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.075 (instead of 7.5%)

OF-ID OFST451030 Field Name Performance Fee Maximum

Field Tags Fees and expenses

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 0.85 / --

Description Maximal performance fee as mentioned in the prospectus. Please note that this field

can also be used for UCITS funds. The performance fee maximum is normally indicated within the prospectus. Usually this figure can be derived from the

accounting of the fund. As it is a result of the positve or negative performance of the

share class, it can be negative, too.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.1 (instead of 10.0%)

OF-ID OFST451040 Field Name Custodian Fee Applied

Field Tags Fees and expenses

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.23 / --

Description Actual percentage charged for depositary (custodian) commission. If there is no

explicit calculation of a custodian fee, e.g. if there is only some kind of an all-in, administration or flat fee, which the custodian fee is a part of, please leave this field

empty.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.015 (instead of 1.5%)

OF-ID OFST451045 Field Name Custodian Fee Applied Reference Date

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST451040

Data Type date Introduced / Revoked 1.23 / --

Description Reference date of applied custodian fee. Please update each time "OFST451040

Custodian Fee Applied" changes.

Values YYYY-MM-DD Example 2017-12-01

OF-ID OFST451100 Field Name Hurdle Rate

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST451000

Data Type string Introduced / Revoked 0.85 / --

Description If performance fee applies: is there a hurdle rate which is used for the calculation of

the performance fee? (e.g. 5%; Benchmark + 3%).

Values

Example T-Bill 3M + 2%

OF-ID **OFST451160** Field Name **High Water Mark**

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST451000

Data Type string Introduced / Revoked 0.85 / --

Description If performance fee applies: is there a high water mark as basis for the calculation of

the performance fee?

Values "no high water mark" / "high water mark, reset" / "high water mark, no reset"

Example no high water mark

| OF-ID | OFST451300 Field Name PRIIPS Subscription Fee In Favour Of Fund | |
|-------------------|--|--|
| Field Tags | EPT Fees and expenses Key Fact: Share Class PRIIP data | |
| Field Level | Share Class Link Reference | |
| Data Type | double Introduced / Revoked 1.21 / | |
| Description | Subscription charge in favour of the Fund according to the Prospectus in order to compensate existing investors. For subscription fees in favour of distribution partner please use either "OFST451310 Subscription Fee Minimum" or "OFST451320 Subscription Fee Maximum" instead. | |
| | // The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is: EPT: 03015_One_off_cost_Portfolio_entry_cost_Acquired// | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. 0.0425 (instead of 4.25%) | |
| OF-ID | OFST451305 Field Name Subscription Fee Applied | |
| Field Tags | PRIIPs and MiFID cost fields Fees and expenses | |
| Field Level | Share Class Link Reference OFST451319 | |
| Data Type | double Introduced / Revoked 1.23 / | |
| Description | Applied subscription fee. Usually lower than the subscription fee maximum. | |
| | Attention: This fee is only for the distribution and independent of the "OFST451340 Subscription Fee in Favour Of Fund". | |
| Values | Decimal figure, rounded to maximal 7 digits after the decimal point. | |
| Example | 0.01125 (instead of 1.125%) | |
| OF-ID | OFST451306 Field Name Subscription Fee Applied Reference Date | |
| Field Tags | Fees and expenses PRIIPs and MiFID cost fields | |
| Field Level | Share Class Link Reference OFST451306 | |
| Data Type | date Introduced / Revoked 1.23 / | |
| Description | Reference date of applied subscription fee. Please update each time "OFST451305 Subscription Fee Applied" changes. | |
| | Attention: This fee is only for the distribution and independent of the "OFST451340 Subscription Fee in Favour Of Fund". | |
| Values | YYYY-MM-DD | |
| | | |

2017-12-01

Example

OF-ID OFST451310 Field Name **Subscription Fee Minimum** Field Tags Fees and expenses Field Level Share Class Link Reference Introduced / Revoked Data Type double 0.9 / --Description Minimum subscription fee as mentioned in prospectus. Please note, this fee is not in favour of the fund, but kept by distributing parties. For subscription fees in favour of fund, please use "OFST451340 Subscription Fee In Favour Of Fund" instead. Values Decimal figure, rounded to maximal 7 digits after the decimal point. 0.0375 (instead of 3.75%) Example OF-ID OFST451319 Field Name Has Subscription Fee Key Fact: Share Class | Fees and expenses | PRIIPs and MiFID cost fields Field Tags Share Class Field Level Link Reference OFST451305 Introduced / Revoked 1.23 / --Data Type boolean Description If there exists a subscription fee, please fill this field with "yes" and provide respective data in the field "OFST451305 Subscription Fee Applied". Otherwise, fill this field with "no" and leave the field "OFST451305 Subscription Fee Applied" empty. Values "yes" / "no" Example no OF-ID OFST451320 **Subscription Fee Maximum** Field Name Field Tags EPT | Fees and expenses | PRIIP data | EMT | MiFID II data | PRIIPs and MiFID cost fields Share Class Field Level Link Reference double Introduced / Revoked 0.85 / --Data Type Description Maximum subscription fee in prospectus. Please note, this fee is not in favour of the fund, but kept by distributing parties. For subscription fees in favour of fund, please use "OFST451340 Subscription Fee In Favour Of Fund" instead. // The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is: EPT: 03010 One off cost Portfolio entry cost// // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 07020_One-off_cost_Financial_Instrument_entry_cost//

Decimal figure, rounded to maximal 7 digits after the decimal point.

0.05 (instead of 5%)

Values

Example

| OF-ID | OFST451340 Field Name Subs | cription Fee In Favour Of Fund |
|-------------------|---|---|
| Field Tags | EMT MiFID II data PRIIPs and MiFID cost fields Fees and expenses | |
| Field Level | Share Class Link Reference | |
| Data Type | double | Introduced / Revoked 0.87 / |
| Description | Subscription charge in favour of the Fund according to the Prospectus in order to compensate existing investors. For subscription fees in favour of distribution partners please use either "OFST451310 Subscription Fee Minimum" or "OFST451320 Subscription Fee Maximum" instead. | |
| | their MiFID Data Dictionary Templat | ntroduced by the European Working Group with re (EMT) is: _Instrument_maximum_entry_cost_acquired// |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point 0.0100000 (instead of 1%) | |
| OF-ID | OFST451380 Field Name Germ | nany Front Load |
| Field Tags | Attribute | |
| Field Level | Share Class | Link Reference |
| Data Type | double | Introduced / Revoked 0.87 / |
| Description | Front load applied in Germany. Also known as Ausgabeaufschlag. For Germany only (depending on Sales Registration!). Please note, this fee is not in favour of the fund, but kept by distributing parties. | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. 0.025 (instead of 2.5%) | |
| OF-ID | OFST451390 Field Name Has C | Contingent Deferred Sales Charge Fee |
| | - | |
| Field Tags | Fees and expenses | |

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description Contingent deferred sales charge fee (CDSC Fee).

Values "yes" / "no"

Example no

Fees, Costs and expenses

OF-ID OFST451405 Field Name Redemption Fee Applied

Field Tags PRIIPs and MiFID cost fields | Fees and expenses

Field Level Share Class Link Reference OFST451419

Data Type double Introduced / Revoked 1.23 / --

Description Applied redemption fee. Usually lower than the redemption fee maximum.

Attention: This fee is only for the distribution and independent of the "OFST451440"

Redemption Fee in Favour Of Fund".

In case there is no redemption fee currently charged, please provide "OFST451419 Has Redemption Fee" = "No" and leave this field and "OFST451406 Redemption Fee Applied Reference Date" empty. Otherwise, provide the respective value as well as the date in "OFST451406 Redemption Fee Applied Reference Date" and fill "OFST451419 Has

Redemption Fee" with "Yes".

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.01125 (instead of 1.125%)

OF-ID OFST451406 Field Name Redemption Fee Applied Reference Date

Field Tags PRIIPs and MiFID cost fields | Fees and expenses

Field Level Share Class Link Reference OFST451405

Data Type date Introduced / Revoked 1.23 / --

Description Reference date of applied redemption fee. Please update each time "OFST451405"

Redemption Fee Applied" changes.

Attention: This fee is only for the distribution and independent of the "OFST451440"

Redemption Fee in Favour Of Fund".

Values YYYY-MM-DD Example 2017-12-01

OF-ID OFST451410 Field Name Redemption Fee Minimum

Field Tags Fees and expenses

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 0.9 / --

Description Minimum redemption fee in prospectus. Please note, this fee is not in favour of the

fund, but kept by distributing parties. For redemption fees in favour of fund, please use

"OFST451440 Redemption Fee In Favour Of Fund" instead.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.0075 (instead of 0.75%)

OF-ID OFST451419 Field Name Has Redemption Fee

Field Tags Key Fact: Share Class | MiFID II data | PRIIPs and MiFID cost fields

Field Level Share Class Link Reference OFST451405

Data Type boolean Introduced / Revoked 1.22 / --

Description If there exists a redemption fee, please fill this field with "Yes" and provide respective

data in the field "OFST451405 Redemption Fee Applied". Otherwise, fill this field with

"No" and leave the field "OFST451405 Redemption Fee Applied" empty.

Values "yes" / "no"

Example no

OF-ID OFST451420 Field Name Redemption Fee Maximum

Field Tags PRIIPs and MiFID cost fields | EMT | Fees and expenses | MiFID II data

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 0.86 / --

Description Maximum redemption fee in prospectus. Please note, this fee is not in favour of the

fund, but kept by distributing parties. For redemption fees in favour of fund, please use

"OFST451440 Redemption Fee In Favour Of Fund" instead.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 07050_One-off_costs_Financial_Instrument_maximum_exit_cost//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.02125 (instead of 2.125%)

OF-ID OFST451430 Field Name PRIIPS Redemption Fee In Favour Of Fund At RHP

Field Tags EPT | PRIIP data | PRIIPs and MiFID cost fields | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.21 / --

Description Redemption fee at the end of the "OFST024018 PRIIP Recommended Holding Period"

that is in favour of the fund to avoid dilution effects within the fund. For redemption fees in favour of distribution partners please use "OFST451410 Redemption Fee

Minimum", "OFST451405 Redemption Fee Applied" and "OFST451420 Redemption Fee

Maximum" instead.

// The correspondent PRIIPS field introduced by the European Working Group with their

PRIIP Data Dictionary Template (EPT) is:

EPT: 03020_One_off_costs_Portfolio_exit_cost_at_RHP//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.022 (instead of 2.2%)

| <u> </u> | | |
|-------------------|--|--|
| OF-ID | OFST451431 Field Name PRIIPS Redemption Fee In Favour Of Fund At 1 Year | |
| Field Tags | PRIIP data PRIIPs and MiFID cost fields EPT Key Fact: Share Class | |
| Field Level | Share Class Link Reference | |
| Data Type | double Introduced / Revoked 1.21 / | |
| Description | Redemption fee after one year. | |
| | // The correspondent PRIIPS field introduced by the European Working Group with their PRIIP Data Dictionary Template (EPT) is: EPT: 03030_One_off_costs_Portfolio_exit_cost_at_1_year// | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. 0.022 (instead of 2.2%) | |
| OF-ID | OFST451432 Field Name PRIIPS Redemption Fee In Favour Of Fund At Half RHP | |
| Field Tags | Key Fact: Share Class PRIIP data PRIIPs and MiFID cost fields EPT | |
| Field Level | Share Class Link Reference | |
| Data Type | double Introduced / Revoked 1.21 / | |
| Description | Redemption fee after half of the "OFST024018 PRIIP Recommended Holding Period". | |
| | // The correspondent PRIIPS field introduced by the European Working Group with their PRIIP Data Dictionary Template (EPT) is: EPT: 03040_One_off_costs_Portfolio_exit_cost_at_half_RHP// | |
| Values | Decimal figure, rounded to maximal 7 digits after the decimal point. | |
| Example | 0.022 (instead of 2.2%) | |
| OF-ID | OFST451440 Field Name Redemption Fee In Favour Of Fund | |
| Field Tags | PRIIPs and MiFID cost fields EMT Fees and expenses MiFID II data | |
| Field Level | Share Class Link Reference | |
| Data Type | | |
| _ 0.1 0. 1 / 0 0 | double Introduced / Revoked 0.9 / | |
| Description | | |
| , , | Redemption fee that is in favour of the fund to avoid dilution effects within the fund. For redemption fees in favour of distribution partners please use "OFST451410 Redemption Fee Minimum", "OFST451405 Redemption Fee Applied" and "OFST451420 | |

Example 0.022 (instead of 2.2%)

| OF-ID | OFST452000 Field Name | Management Fee Applied |
|-------------------|--|---|
| Field Tags | EPT PRIIP data Fees and expenses PRIIPs and MiFID cost fields MiFID II data EMT | |
| Field Level | Share Class | Link Reference |
| Data Type | double | Introduced / Revoked 0.85 / |
| Description | Applied management fee of this share class. | |
| | If the share class does not comply with the MiFID / PRIIPs regulation, i.e. because of a non-EU domicile just use the actual value of the management fee. However, in all other cases, please use the ex-ante management fee as outlined in the MiFID / PRIIPs regulation. | |
| | // The correspondent PRIIP field introduced by the European Working Group with their European PRIIP Template (EPT) is: EPT: 03070_Ongoing_costs_Portfolio_management_costs// | |
| | // The correspondent MiFID II fields introduced by the European Working Group with their European MiFID Template (EMT) are: EMT: 07110_Financial_Instrument_Management_fee// | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. 0.015 (instead of 1.5%) | |
| OF-ID | OFST452001 Field Name | Management Fee Applied Reference Date |
| Field Tags | Fees and expenses MiFID II | data Key Fact: Share Class PRIIP data |
| Field Level | Share Class | Link Reference OFST452000 |
| Data Type | date | Introduced / Revoked 1.1 / |
| Description | Reference date of applied management fee. Please update each time "OFST452000 Management Fee Applied" changes. | |
| Values | YYYY-MM-DD | |
| Example | 2017-12-01 | |
| OF-ID | OFST452010 Field Name | Management Fee Maximum |
| Field Tags | Fees and expenses | |
| Field Level | Share Class | Link Reference |

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 0.86 / --

Description Maximum management fee as mentioned in prospectus.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.018 (instead of 1.8%)

OF-ID OFST452015 Field Name All-in Fee Maximum

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST452019

Data Type double Introduced / Revoked 0.92 / --

Description All-in fee as mentioned in the sales prospectus. Usually includes fees for portfolio

management, sales, administration, custody and others. Please refer to "OFST452019 All-in Fee Includes Transaction Costs" to chose, whether the all-in fee includes also

transaction costs within the fund.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.015 (instead of 1.5%)

OF-ID OFST452017 Field Name All-in Fee Applied

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST452019

Data Type double Introduced / Revoked 0.92 / --

Description All-in fee this share class is acutally charged with. Has to be lower or same as the

"OFST452015 All-in Fee Maximum" that is mentioned in the sales prospectus. Usually the all-in fee includes fees for portfolio management, sales, administration, custody and others. Please refer to "OFST452019 All-in Fee Includes Transaction Costs" to chose,

whether the all-in fee includes also transaction costs within the fund.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.015 (instead of 1.5%)

OF-ID OFST452019 Field Name All-in Fee Includes Transaction Costs

Field Tags Key Fact: Fund | Fees and expenses

Field Level Share Class Link Reference OFST452015

Data Type boolean Introduced / Revoked 0.92 / --

Description Please chose "yes", if "OFST452015 All-in Fee Maximum" and "OFST452017 All-in Fee

Applied" include transaction costs. If not, please chose "no".

Values "yes" / "no"

Example yes

OF-ID **OFST452020** Field Name **All-in Fee Date**

Field Tags Fees and expenses | Key Fact: Share Class

Field Level Share Class Link Reference OFST452017

Data Type date Introduced / Revoked 0.93 / --

Description Effective date for all openfunds fields refering to All-in Fee, e.g. "OFST452015 All-in Fee

Maximum", "OFST452017 All-in Fee Applied".

Values YYYY-MM-DD

Example 2015-03-31

OF-ID OFST452100 Field Name TER Excluding Performance Fee

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST452110

Data Type double Introduced / Revoked 0.86 / --

Description Latest available Total Expense Ratio (TER) that is calculated without accounting for a

possible performance fee. In some countries the TER has to be published in the annual

report and in the semi-annual report. If the fund invests into other funds, the target

fund's TER should be included into the calculation of the fund's TER.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.014 (instead of 1.4%)

OF-ID OFST452110 Field Name TER Excluding Performance Fee Date

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST452100

Data Type date Introduced / Revoked 0.86 / --

Description Date of latest available Total Expense Ratio (TER) that is calculated without

accounting for a possible performance fee. In some countries the TER has to be

published in the annual report and in the semi-annual report.

Values YYYY-MM-DD Example 2012-12-31

OF-ID OFST452120 Field Name TER Including Performance Fee

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST452130

Data Type double Introduced / Revoked 0.86 / --

Description Latest available Total Expense Ratio (TER) that is calculated including a charged

performance fee. In some countries the TER has to be published in the annual report and in the semi-annual report. If the fund invests into other funds, the target fund's TER

should be included into the calculation of the fund's TER.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.036 (instead of 3.6%)

OF-ID OFST452130 Field Name TER Including Performance Fee Date

Field Tags Fees and expenses

Field Level Share Class Link Reference OFST452120

Data Type date Introduced / Revoked 0.86 / --

Description Date of latest available Total Expense Ratio (TER) that is calculated including a

possible performance fee. In some countries the TER has to be published in the annual

report and in the semi-annual report.

Values YYYY-MM-DD Example 2013-12-31

Printed 03.05.2018 13:05:29

| OF-ID | OFST452140 Field Name Portfolio Transaction Costs | | |
|---|---|--|--|
| Field Tags | Key Fact: Share Class EPT Fees and expenses PRIIP data PRIIPs and MiFID cost fields | | |
| Field Level | Share Class Link Reference | | |
| Data Type | double Introduced / Revoked 1.1 / | | |
| Description Transaction costs as mentioned in PRIIPs regulation; more details can be fou http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32017R0653 and i at | | | |
| | http://ec.europa.eu/finance/docs/level-2-measures/priips-delegated-regulation-2017-1473-annex_en.pdf Annex VI points 7 - 23. | | |
| | // The correspondent PRIIP fields introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) are: EPT: 03080_Ongoing_costs_Portfolio_transaction_costs EPT: 05060_Ongoing_costs_Portfolio_transaction_costs// Please note, that in some circumstances this figure can become negative. | | |
| | | | |
| Values | Decimal figure, rounded to maximal 7 digits after the decimal point. | | |
| Example | 0.03 (instead of 3%) | | |
| OF-ID | OFST452144 Field Name Has Transaction Costs | | |
| Field Tags | MiFID II data PRIIPs and MiFID cost fields Key Fact: Share Class | | |
| Field Level | Share Class Link Reference OFST452145 | | |
| Data Type | boolean Introduced / Revoked 1.22 / | | |
| Description | If there exist transaction costs, please fill this field with "yes" and provide respective data in the field "OFST452145 Transaction Costs". Otherwise, fill this field with "no" and leave the field "OFST452145 Transaction Costs" empty. | | |
| Values | "yes" / "no" | | |
| | | | |

Example

yes

| OF-ID | OFST452145 Field Name Tra | insaction Costs | |
|-------------------|--|--|--|
| Field Tags | PRIIPs and MiFID cost fields MiFI | D II data Key Fact: Share Class | |
| Field Level | Share Class | Link Reference OFST452144 | |
| Data Type | double | Introduced / Revoked 1.21 / | |
| Description | Ex-ante transaction costs. For funds with a track record longer than three years, this number normally equals the PRIIPS value OFST452140 Portfolio Transaction Costs that is calculated as an average of the last three year's ex-post transaction costs. However, as in contrary to the PRIIPS regulation there is no strict rule for MiFID, the MiFID number can also be derived from the last years ex-post transaction costs. | | |
| | In case there are no transaction costs, please provide "OFST452144 Has Transaction Costs" = "no" and leave this field empty. Otherwise, provide the respective value and fill "OFST452144 Has Transaction Costs" with "yes". | | |
| | // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 07130_Financial_Instrument_Transaction_costs_ex_ante// | | |
| Values Example | Decimal figure, rounded to maximum 0.027 (instead of 2.7%) | mal 7 digits after the decimal point. | |
| OF-ID | OFST452150 Field Name PR | IIPS Carried Interest | |
| Field Tags | PRIIP data PRIIPs and MiFID cos | t fields Key Fact: Share Class EPT | |
| Field Level | Share Class | Link Reference OFST460175 | |
| Data Type | double | Introduced / Revoked 1.1 / | |
| Description | If "OFST460175 Has PRIIPS Carried Interest" is "no", this field should be kept empty. | | |
| | // The correspondent PRIIP field in PRIIPS Data Dictionary Template EPT: 03105_Incidental_costs_Portf | · , | |
| Values | Decimal figure, rounded to maxi | mal 7 digits after the decimal point. | |
| | | | |

Example 0.0075 (instead of 0.75%)

OF-ID OFST452155 Field Name **PRIIPS Carried Interest Description**

PRIIP data | Fees and expenses | EPT Field Tags

Field Level Share Class Link Reference OFST460175

Data Type string Introduced / Revoked 1.1 / --

Description Description of incidental costs - carried interest. If "OFST460175 Has PRIIPS Carried

Interest" is "no", this field should be kept empty.

This field's OF-ID can also include a language tag, i.e. OFST452155(de) for PRIIPS Carried Interest Description written in German. openfunds recommends using only the five languages English (en), French (fr), Spanish (es), German (de) and Italian (it). For more information please refer to https://www.openfunds.org/en/language-tags.

Please note, in case you would like to convert this field into EPT that the corresponding EPT field only allows up to 300 characters. The openfunds standard does not define the length of a string value.

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is:

EPT: 04100 Portolio Carried Interest Narrative//

Values

Free text.

Example

OF-ID Field Name Has Incidental Costs OFST452159

MiFID II data | PRIIPs and MiFID cost fields | Key Fact: Share Class Field Tags

Field Level Share Class Link Reference OFST452160

boolean Introduced / Revoked 1.22 / --Data Type

Description If there exist incidental costs, please fill this field with "yes" and provide respective data

in the field "OFST452160 Incidental Costs". Otherwise, fill this field with "no" and leave

the field "OFST452160 Incidental Costs" empty.

"yes" / "no" Values

Example yes OF-ID OFST452160 Field Name **Incidental Costs** EMT | PRIIPs and MiFID cost fields | MiFID II data | Key Fact: Share Class Field Tags Field Level Share Class Link Reference OFST452159 Introduced / Revoked 1.21 / --Data Type double Description Ex-ante incidental costs that are calculated as an average of the last three year's expost incidental costs. Incidental costs can be a performance fee or carried interest. In case there are no incidental costs, please provide "OFST452159 Has Incidental Costs" = "no" and leave this field empty. Otherwise fill this field with "yes". // The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 07140_Financial_Instrument_Incidental_costs_ex_ante//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.015 (instead of 1.5%)

OF-ID **OFST452190** Field Name **Has Ongoing Charges**

Field Tags Fees and expenses | PRIIPs and MiFID cost fields | PRIIP data | EPT

Field Level Share Class Link Reference OFST452200

Data Type boolean Introduced / Revoked 1.22 / --

Description If there exist ongoing charges, please fill this field with "yes" and provide respective

data in the field "OFST452200 Ongoing Charges" and "OFST452220 Ongoing Charges Date". Otherwise, fill this field with "no" and leave the field "OFST452200 Ongoing

Charges" and "OFST452220 Ongoing Charges Date"empty.

Values "yes" / "no"

Example no

| OF-ID | OFST452200 Field Name Ongoing Charges | |
|-------------|--|--|
| Field Tags | PRIIPs and MiFID cost fields PRIIP data Fees and expenses EPT | |
| Field Level | Share Class Link Reference OFST452220 | |
| Data Type | double Introduced / Revoked 0.85 / | |
| Description | Ongoing charges as described in the esma guidelines - "Methodology for calculation of the Ongoing Charges figure in the Key Investor Information Document" (https://www.esma.europa.eu/document/guidelines-methodology-calculation-ongoing-charges-figure-in-key-investor-information). This value is supposed to be listed on the UCITS KID. In most cases this figure equals "OFST452202 PRIIPS Other Ongoing Costs". However, the PRIIP's KID composition of costs should be consistent with the KID's reduction in yield calculation (OFST460198 RHP RIY), which may require an adjustment of the OFST452202 PRIIPS Other Ongoing Costs to reflect the entry costs (OSFT451300 PRIIPS Subscription Fee In Favour Of Fund) in the RIY calculation. | |
| | | |
| | In case there are no ongoing charges, please provide "OFST452190 Has Ongoing Charges" = "no" and leave this field and "OFST452220 Ongoing Charges Date" empty. Otherwise, provide the respective value as well as the ongoing charges date in "OFST452220 Ongoing Charges Date" and fill "OFST452190 Has Ongoing Charges" with "yes". | |
| | // The correspondent PRIIP field introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT) is: EPT: 05050_Ongoing_costs_Portfolio_other_costs_UCITS// | |
| Values | Decimal figure, rounded to maximal 7 digits after the decimal point. | |

0.00808 (instead of 0.808%)

Example

OF-ID OFST452202 Field Name PRIIPS Other Ongoing Costs

Field Tags PRIIP data | EPT | PRIIPs and MiFID cost fields

Field Level Share Class Link Reference OFST452222

Data Type double Introduced / Revoked 1.21 / --

Description Recurring costs as mentioned in the annexes VI (point 52) and VII (table 2) of the

delegated regulation C(2017) 1473 final of the European Commission (http://ec.europa.eu/finance/docs/level-2-measures/priips-delegated-regulation-2017-1473-annex en.pdf). Please note that this number also includes "OFST452000"

Management Fee Applied".

In most cases this figure equals "OFST452200 Ongoing Charges". However, the PRIIP's KID composition of costs should be consistent with the KID's reduction in yield calculation (OFST460198 RHP RIY), which may require an adjustment of the OFST452202 PRIIPS Other Ongoing Cost to reflect the entry costs (OSFT451300 PRIIPS Subscription Fee In Favour Of Fund) in the RIY calculation.

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is:

EPT: 03060 Ongoing costs Portfolio other costs//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.008 (instead of 0.8%)

OF-ID OFST452203 Field Name Has MiFID Ongoing Charges

Field Tags PRIIPs and MiFID cost fields | MiFID II data | EMT

Field Level Share Class Link Reference OFST452204

Data Type boolean Introduced / Revoked 1.22 / --

Description If there exist ongoing charges as described in the esma guidelines - "Methodology for

calculation of the Ongoing Charges figure in the Key Investor Information Document" (https://www.esma.europa.eu/document/guidelines-methodology-calculation-ongoing-charges-figure-in-key-investor-information), please fill this field with "yes" and

provide respective data in the field "OFST452204 MiFID Ongoing Charges" and

"OFST452224 MiFID Ongoing Charges Date". Otherwise, fill this field with "no" and leave

the field "OFST452204 MiFID Ongoing Charges" and "OFST452224 MiFID Ongoing

Charges Date" empty.

Values "yes" / "no"

Example yes

OF-ID **OFST452204** Field Name **MiFID Ongoing Charges**

Field Tags EMT | MiFID II data | PRIIPs and MiFID cost fields

Field Level Share Class Link Reference OFST452224

Data Type double Introduced / Revoked 1.21 / --

Description Ongoing charges as described in the esma guidelines - "Methodology for calculation

of the Ongoing Charges figure in the Key Investor Information Document" (https://www.esma.europa.eu/document/guidelines-methodology-calculation-ongoing-charges-figure-in-key-investor-information). As it is a result of the positive or

negative charges of the share class, it can be negative, too.

The value equals "OFST452200 Ongoing Charges". However, it is supposed to be listed in the EMT and consequently the value will be calculated whenever the EMT will be produced. As this might be more often than the production of the UCITS KID openfunds introduced the "OFST452204 MiFID Ongoing Charges" to link each value to its correct date.

In case there are no ongoing charges as described above, please provide "OFST452203 Has MiFID Ongoing Charges" = "no" and leave this field and "OFST452224 MiFID Ongoing Charges Date" empty. Otherwise, provide the respective value as well as the corresponding date in "OFST452224 MiFID Ongoing Charges Date" and fill "OFST452203 Has MiFID Ongoing Charges" with "yes".

// The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is: EMT: 07100_Financial_Instrument_Ongoing_costs//

Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.00808 (instead of 0.808%)

OF-ID OFST452220 Field Name Ongoing Charges Date

Field Tags Fees and expenses | PRIIPs and MiFID cost fields | Key Fact: Share Class | PRIIP data

Field Level Share Class Link Reference OFST452200

Data Type date Introduced / Revoked 0.86 / --

Description Date of latest ongoing charges calculation for UCITS.

Values YYYY-MM-DD Example 2010-06-05

Values

OF-ID OFST452222 Field Name PRIIPS Other Ongoing Costs Date

Field Tags PRIIP data | PRIIPs and MiFID cost fields | Fees and expenses | Key Fact: Share Class

Field Level Share Class Link Reference OFST452202

Data Type date Introduced / Revoked 1.21 / --

Description Date of latest ongoing costs calculation for PRIIPs KID.

Values YYYY-MM-DD Example 2017-12-31

OF-ID OFST452224 Field Name MiFID Ongoing Charges Date

Field Tags PRIIPs and MiFID cost fields | MiFID II data

Field Level Share Class Link Reference OFST452204

Data Type date Introduced / Revoked 1.21 / --

Description Date of latest ongoing charges calculation for the EMT.

Values YYYY-MM-DD Example 2016-12-15

OF-ID OFST453151 Field Name Is Trailer Fee Clean

Field Tags Key Fact: Share Class | Fees and expenses

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description Answer (yes) only, if the fund or ManCo are not paying trailer fees for this specific

share class.

Values "yes" / "no"

Example yes

OF-ID OFST453155 Field Name Equivalent Trailer Fee Clean ISIN

Field Tags Fees and expenses | Key Fact: Share Class

Field Level Share Class Link Reference OFST453151

Data Type string Introduced / Revoked 0.91 / --

Description If this is not a trailer fee clean share class, i.e. "OFST453151 Is Trailer Fee Clean" = "no",

than "Equivalent Trailer Fee Clean ISIN" reflects the existence of an equivalent trailer fee clean share class by naming its ISIN. Equivalence in this context means the same subfund, i.e. same "OFST020080 Share Class Consolidation Key", same "OFST020400 Share Class Distribution Policy", same "OFST020540 Share Class Currency", same "OFST020262 Share Class NAV Hedge", same value for "OFST802500 Has Reduced Luxembourg Taxe d'Abonnement" and optional same "OFST6030XX Country Legal Registration" as well as same "OFST6031XX Country Marketing Distribution". Other fields

like "OFST020620 Is Restricted To Separate Fee Arrangements" may be different.

Values [ISIN]

Example LU0554704139

OF-ID OFST454150 Field Name Has Separate Distribution Fee

Field Tags MiFID II data | Fees and expenses | Key Fact: Share Class

Field Level Share Class Link Reference OFST454160

Data Type boolean Introduced / Revoked 0.9 / --

Description Is there a separate distribution fee according to the Prospectus?

Warning: This field is about a separate distribution fee, which is not included in the

annual management fee.

Values "yes" / "no"

Example no

OF-ID **OFST454160** Field Name **Distribution Fee**

Field Tags EMT | Fees and expenses | MiFID II data

Field Level Share Class Link Reference OFST454150

Data Type double Introduced / Revoked 0.9 / --

Description Separate distribution fee. While a trailer fee is a component of annual management

fee it is commonly understood within the industry, that the distribution fee belongs to

100% to the distributor.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is: EMT: 07120_Financial_Instrument_Distribution_fee//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.00808 (instead of 0.808%)

OF-ID OFST454161 Field Name Distribution Fee Reference Date

Field Tags Fees and expenses | Key Fact: Share Class

Field Level Share Class Link Reference OFST454160

Data Type date Introduced / Revoked 1.2 / --

Description Reference date of distribution fee. Please update each time "OFST454160 Distribution

Fee" changes.

Values YYYY-MM-DD Example 2016-05-21

OF-ID OFST454300 Field Name Has Dilution Levy Applied By Fund

Field Tags Fees and expenses

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description Is there a possible dilution levy in favour of the fund that can be charged at the

discretion of the fund manager to compensate for market transaction costs within the fund? Usually a dilution levy is charged only for bigger single in- or outflows, whereas a "OFST451440 Redemption Fee In Favour Of Fund" is charged on all fund subscriptions or

redemptions.

Values "yes" / "no"

Example no

OF-ID OFST460140 Field Name PRIIP One-off Sliding Exit Cost Indicator

Field Tags PRIIP data | Fees and expenses | EPT | PRIIPs and MiFID cost fields | Key Fact: Share

Class

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.21 / --

Description Indicate in this field whether there exists some kind of penalty fees, e.g. a sliding exit

cost (="yes") or not (="no").

// The correspondent PRIIPS field introduced by the European Working Group with their

PRIIP Data Dictionary Template (EPT) is:

EPT: 03050 One off costs Portfolio sliding exit cost Indicator//

Values "yes" / "no"

Example yes

OF-ID OFST460175 Field Name Has PRIIPS Carried Interest

Field Tags PRIIP data | Key Fact: Share Class | PRIIPs and MiFID cost fields | EPT

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.1 / --

Description Indicates, whether the share class bears any incidental cost as carried interest. If the

answer is "no", "OFST452150 Carried Interest" and "OFST452155 Carried Interest

Description" should be kept empty.

// The correspondent PRIIP field introduced by the European Working Group with their

PRIIPS Data Dictionary Template (EPT) is:

EPT: 03100_Existing_carried_interest_fees//

Values "yes" / "no"

Example no

OF-ID OFST460190 Field Name 1Y Total Costs

Field Tags Key Fact: Share Class | CEPT | PRIIP data

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.21 / --

Description The total costs take into account one-off, ongoing and incidental costs. The amount

shown here is the cumulative costs of the product itself for a holding period of one year. It includes potential early exit penalties. The figures assume you invest field value

"OFST024048 PRIIP Investment Amount" = 10 000.

//This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT.

34010_Cost_total_period_1

More information about the presentation of performance can be found in the

Regulatory Technical Standards (RTS), Annex VI and Annex VII.//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 120

OF-ID OFST460192 Field Name Half RHP Total Costs

Field Tags Key Fact: Share Class | CEPT | PRIIP data

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.21 / --

Description The total costs take into account one-off, ongoing and incidental costs. The amount shown here is the cumulative costs of the product itself for a holding period of half of

the "OFST024018 PRIIP Recommended Holding Period". It includes potential early exit penalties. The figures assume you invest field value "OFST024048 PRIIP Investment

Amount" = 10 000.

//This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT.

34020_Cost_total_period_2

More information about the presentation of performance can be found in the

Regulatory Technical Standards (RTS), Annex VI and Annex VII.//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 120

OF-ID **OFST460193** Field Name **RHP Total Costs**

Field Tags Key Fact: Share Class | CEPT | PRIIP data

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.21 / --

Description The total costs take into account one-off, ongoing and incidental costs. The amount

shown here is the cumulative costs of the product itself for a period that equals the "OFST024018 PRIIP Recommended Holding Period". It includes potential early exit penalties. The figures assume you invest field value "OFST024048 PRIIP Investment

Amount" = $10\,000$.

//This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT.

34030_Cost_total_period_3

More information about the presentation of performance can be found in the

Regulatory Technical Standards (RTS), Annex VI and Annex VII.//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 160

OF-ID OFST460195 Field Name 1Y RIY

Field Tags CEPT | Key Fact: Share Class | PRIIP data

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description The Reduction in Yield (RIY) shows the impact of total costs over one year on the

investor's investment return.

//This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT. CEPT-RHPs: 34040 Percentage RIY period 1

More information about the presentation of performance can be found in the

Regulatory Technical Standards (RTS), Annex VI and Annex VII.//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.0125 (instead of 1.25%)

OF-ID OFST460197 Field Name Half RHP RIY

Field Tags PRIIP data | CEPT | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description The Reduction in Yield (RIY) shows the annualized impact of total costs on the investor's

investment return over a period of half the "OFST024018 PRIIP Recommended Holding

Period".

//This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT. CEPT-RHPs: 34050_Percentage_RIY_period_2

More information about the presentation of performance can be found in the

Regulatory Technical Standards (RTS), Annex VI and Annex VII.//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.008125 (instead of 0.8125%)

OF-ID OFST460198 Field Name RHP RIY

Field Tags Key Fact: Share Class | PRIIP data | CEPT

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description The Reduction in Yield (RIY) shows the annualized impact of total costs on the investor's

investment return over the "OFST024018 PRIIP Recommended Holding Period".

//This field was not introduced by the European Working Group with their PRIIPS Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT. CEPT-RHPs: 34060_Percentage_RIY_period_3

More information about the presentation of performance can be found in the

Regulatory Technical Standards (RTS), Annex VI and Annex VII.//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.008 (instead of 0.8%)

OF-ID **OFST500010** Field Name **Has Tripartite Report**

Field Tags Key Fact: Share Class | Solvency II

Field Level Share Class Link Reference OFST500012

Data Type boolean Introduced / Revoked 1.2 / --

Description Is there a Tripartite Report available for the shareclass? See the details at

https://www.theinvestmentassociation.org/investment-industry-information/current-

initiatives/solvency-ii.html

Values "yes" / "no"

Example yes

OF-ID OFST500012 Field Name Last Tripartite Report Date

Field Tags Key Fact: Share Class | TPT | Solvency II

Field Level Share Class Link Reference OFST500010

Data Type date Introduced / Revoked 1.2 / --

Description Last available date of the Tripartite Report.

//The correspondent Tripartite field is 7_Reporting date//

Values YYYY-MM-DD Example 2017-03-31

OF-ID OFST500020 Field Name SCR Market Interest Rate Up

Field Tags Key Fact: Share Class | Solvency II | TPT

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.2 / --

Description This field relates to the European Solvency II insurance regulation.

Solvency Capital Requirement for the risk of an increase in the term structure of interest rates. The details of the calculation set out in Subsection 2 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's

column "97 SCR Mrkt IR up weight over NAV" have to be summed up.

//The correspondent Tripartite field is 97_SCR_Mrkt_IR_up weight over NAV//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.01 (instead of 1%)

OF-ID OFST500022 Field Name SCR Market Interest Rate Down

Field Tags TPT | Solvency II | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.2 / --

Description Solvency Capital Requirement for the risk of a decrease in the term structure of interest

rates. The details of the calculation set out in Subsection 2 of Section 5 of the

Delegated Regulation 2015/35. The value should be given as a percentage amount of

the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "98 SCR Mrkt IR down weight over NAV" have to be summed up.

//The correspondent Tripartite field is 98_SCR_Mrkt_IR_down weight over NAV//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.01 (instead of 1%)

OF-ID OFST500031 Field Name SCR Market Equity Type I

Field Tags Solvency II | Key Fact: Share Class | TPT

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.2 / --

Description Solvency Capital Requirement for Type I equities. The details of the calculation set out

in Subsection 3 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "99_SCR_Mrkt_Eq_type1 weight over NAV" have

to be summed up.

//The correspondent Tripartite field is 99_SCR_Mrkt_Eq_type1 weight over NAV//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.01 (instead of 1%)

OF-ID OFST500032 Field Name SCR Market Equity Type II

Field Tags Key Fact: Share Class | TPT | Solvency II

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.2 / --

Description Solvency Capital Requirement for Type II equities. The details of the calculation set out

in Subsection 3 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "100 SCR Mrkt Eq type2 weight over NAV" have

to be summed up.

//The correspondent Tripartite field is 100_SCR_Mrkt_Eq_type2 weight over NAV//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.01 (instead of 1%)

OF-ID OFST500040 Field Name **SCR Market Property** Solvency II | TPT | Key Fact: Share Class Field Tags Field Level Share Class Link Reference Introduced / Revoked Data Type double 1.2 / --Description Solvency Capital Requirement for properties. The details of the calculation set out in Subsection 4 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "101_SCR_Mrkt_Prop weight over NAV" have to be summed up. //The correspondent Tripartite field is 101_SCR_Mrkt_Prop weight over NAV// Values Decimal figure, rounded to maximal 7 digits after the decimal point. Example 0.01 (instead of 1%) OF-ID OFST500045 Field Name **SCR Market Spread Bonds** Key Fact: Share Class | Solvency II | TPT Field Tags Share Class Field Level Link Reference Introduced / Revoked 1.2 / -double Data Type Description Solvency Capital Requirement for the spread risk of bonds and loans. The details of the calculation set out in Subsection 5 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "102 SCR Mrkt Spread bonds weight over NAV" have to be summed up. //The correspondent Tripartite field is 102_SCR_Mrkt_Spread_bonds weight over NAV// Values Decimal figure, rounded to maximal 7 digits after the decimal point. Example 0.01 (instead of 1%) OF-ID OFST500050 Field Name **SCR Market Spread Structured** Key Fact: Share Class | Solvency II | TPT Field Tags Field Level Share Class Link Reference double Data Type Introduced / Revoked 1.2 / --Description Solvency Capital Requirement for the spread risk of securitisation positions. The details of the calculation set out in Subsection 5 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "103 SCR Mrkt Spread structured weight over NAV" have to be summed up.

> //The correspondent Tripartite field is 103 SCR Mrkt Spread structured weight over NAV//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

0.01 (instead of 1%) Example

| OF-ID | OFST500055 Field Name | SCR Market Spread Derivatives Up |
|-------------------|--|----------------------------------|
| Field Tags | TPT Key Fact: Share Class Solvency II | |
| Field Level | Share Class | Link Reference |
| Data Type | double | Introduced / Revoked 1.2 / |
| Description | Solvency Capital Requirement for credit derivatives which is the result of an instantaneous increase of the credit spread of the underlying instruments. The details of the calculation set out in Subsection 5 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "104_SCR_Mrkt_Spread_derivatives_up weight over NAV" have to be summed up. | |
| over NAV// | | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. 0.01 (instead of 1%) | |
| OF-ID | OFST500056 Field Name SCR Market Spread Derivatives Down | |
| Field Tags | Key Fact: Share Class TPT | Solvency II |
| Field Level | Share Class | Link Reference |
| Data Type | double | Introduced / Revoked 1.2 / |
| Description | Solvency Capital Requirement for credit derivatives which is the result of an instantaneous decrease of the credit spread of the underlying instruments. The details of the calculation set out in Subsection 5 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "105_SCR_Mrkt_Spread_derivatives_down weight over NAV" have to be summed up. | |

//The correspondent Tripartite field is 105_SCR_Mrkt_Spread_derivatives_down weight over NAV//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.01 (instead of 1%)

OF-ID OFST500065 Field Name SCR Market FX Up

Field Tags Key Fact: Share Class | Solvency II | TPT

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.2 / --

Description Solvency Capital Requirement for the risk of an increase in value of the foreign

currency against the local currency. The details of the calculation set out in Subsection 7 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "105a_SCR_Mrkt_FX_up weight over NAV" have

to be summed up.

//The correspondent Tripartite field is 105a_SCR_Mrkt_FX_up weight over NAV//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.01 (instead of 1%)

OF-ID OFST500066 Field Name SCR Market FX Down

Field Tags Solvency II | Key Fact: Share Class | TPT

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.2 / --

Description Solvency Capital Requirement for the risk of a decrease in value of the foreign

currency against the local currency. The details of the calculation set out in Subsection 7 of Section 5 of the Delegated Regulation 2015/35. The value should be given as a percentage amount of the total net assets of the shareclass. To obtain this figure, the values of the TPT's column "105b_SCR_Mrkt_FX_down weight over NAV"

have to be summed up.

//The correspondent Tripartite field is 105b_SCR_Mrkt_FX_down weight over NAV//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.01 (instead of 1%)

OF-ID OFST600000 Field Name Country ISO Code (ALPHA-2)

Field Tags Multiple country field (XX=ISO country code)

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.87 / --

Description 2 letter country ISO code (ISO 3166-1 alpha-2). In a flat file layout (flat layout) this field

should be avoided and ignored. However, in a narrow file layout (narrow layout) this field is mandatory. Together with the share class identifier it defines the record. In a narrow layout all fields with a data ID like OFST6nnnXX need this field and the possible values of the 6nnnXX-field are dependent on the value (=country) indicated in this field. Please refer to https://www.openfunds.org/en/flat-narrow-table/ for more

information about flat and narrow tables.

Values [List] of two letter country ISO codes as shown at

https://en.wikipedia.org/wiki/ISO_3166-1

Example AT

OF-ID OFST600001 Field Name Country ISO Code (ALPHA-3)

Field Tags Multiple country field (XX=ISO country code)

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.87 / --

Description 3 letter country ISO code (ISO 3166-1 alpha-3). In a flat file layout (flat layout) this field

should be avoided and ignored. However, in a narrow file layout (narrow layout) this field is mandatory. Together with the share class identifier it defines the record. In a narrow format all fields with a data ID like OFST6nnnXX need this field and the possible values of the 6nnnXX-field are dependent on the value (=country) indicated in this field. Please refer to https://www.openfunds.org/en/flat-narrow-table/ for more

information about flat and narrow tables.

Values [List] of three letter country ISO codes as shown at

https://en.wikipedia.org/wiki/ISO_3166-1

Example AUT

OF-ID OFST600010 Field Name Country Name

Field Tags Multiple country field (XX=ISO country code)

Field Level Share Class Link Reference OFST600000

Data Type string Introduced / Revoked 0.87 / --

Description English country name in detail. For a correct spelling please refer to

https://en.wikipedia.org/wiki/ISO_3166-1. Must correspond to OFST600000. Optional

field, as it can be derived from OFST600000.

Please refer to https://www.openfunds.org/en/flat-narrow-table/ for more information

about flat and narrow tables.

Values [List of English country names] as shown at https://en.wikipedia.org/wiki/ISO 3166-1

Example Austria

OF-ID OFST6010XX Field Name Country Registration Date

Field Tags Multiple country field (XX=ISO country code)

Field Level Share Class Link Reference : layout only)

Data Type date Introduced / Revoked 0.87 / --

Description Registration date in that specific country. If used as OFST601000 (XX replaced by

number 00) file layout changes from a "flat file layout" to a "narrow file layout". Narrow file layout means that there is a separate line for each country that is specified in column OFST600000. In a flat file layout XX in OFST6010XX is replaced by the double

digit ISO country code (ISO 1366-1 alpha-2).

Values YYYY-MM-DD Example 2012-01-05

OF-ID OFST6011XX Field Name Country Deregistration Date

Field Tags Multiple country field (XX=ISO country code)

Field Level Share Class Link Reference

Data Type date Introduced / Revoked 0.87 / --

Description Deregistration date in that specific country. If used as OFST601100 (XX replaced by

number 00) file layout changes from a "flat file layout" to a "narrow file layout". Narrow file layout means that there is a separate line for each country that is specified in column OFST600000. In a flat file layout XX in OFST6011XX is replaced by the double

digit ISO country code (ISO 1366-1 alpha-2).

Values YYYY-MM-DD Example 2012-01-05

OF-ID OFST6020XX Field Name Country Distribution Start Date

Field Tags Multiple country field (XX=ISO country code)

Field Level Share Class Link Reference

Data Type date Introduced / Revoked 0.87 / --

Description Distribution start date in that specific country. If used as OFST602000 (XX replaced by

number 00) file layout changes from a "flat file layout" to a "narrow file layout". Narrow file layout means that there is a separate line for each country that is specified in column OFST600000. In a flat file layout XX in OFST6020XX is replaced by the double

digit ISO country code (ISO 1366-1 alpha-2).

Values YYYY-MM-DD Example 2012-01-05

OF-ID OFST6021XX Field Name Country Distribution End Date

Field Tags Multiple country field (XX=ISO country code)

Field Level Share Class Link Reference

Data Type date Introduced / Revoked 0.87 / --

Description Registration end date in that specific country. If used as OFST602100 (XX replaced by

number 00) file layout changes from a "flat file layout" to a "narrow file layout". Narrow file layout means that there is a separate line for each country that is specified in column OFST600000. In a flat file layout XX in OFST6021XX is replaced by the double

digit ISO country code (ISO 1366-1 alpha-2).

Values YYYY-MM-DD Example 2012-01-05

OF-ID OFST6030XX Field Name Country Legal Registration

Field Tags Multiple country field (XX=ISO country code) | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.87 / --

Description Legal registration for sale in ...; choose 'res' if there is a restriction to qualified or

institutional investors [yes/res/no]. Usually the data ID will change itself and replace XX with the two digit ISO country code in a flat file layout. If used as OFST603000 (XX replaced by number 00) transmission file layout changes from a "flat file layout" to a "narrow file layout". In a narrow file layout there will be a separate line for each

country where the share class is registered for sale.

Values "yes" / "res" / "no"

Example yes

OF-ID OFST6031XX Field Name Country Marketing Distribution

Field Tags Multiple country field (XX=ISO country code)

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.87 / --

Description Marketing distribution in ...; choose 'res' if there is a restriction to qualified or institutional

investors [yes/res/no]. Usually the data ID will change itself and replace XX with the two digit ISO country code in a flat file layout. If used as OFST603100 (XX replaced by number 00) transmission file layout changes from a "flat file layout" to a "narrow file layout". In a narrow file layout there will be a separate line for each country were the

share class is marketed in.

Values "yes" / "res" / "no"

| OF-ID | OFST6040XX Field Name Home Country Restrictions | |
|-------------|--|---------------------|
| Field Tags | Multiple country field (XX=ISO country code) Key Fact: Fund | |
| Field Level | Fund Link Reference | |
| Data Type | string Introduced / Revoked 0.9 / | 1 |
| Description | Further specification of the home country's registration type (Legal Registration OFST6030XX, where XX stands for the domicile's country ISO code (3166-1 alpha-2) at OFST6030XX is marked as "res". This field can only hold one country per ISIN. | nd |
| | Luxembourg Specialized Investment Fund (SIF): Luxembourg domiciled fund for well informed investors only. | |
| | Singapore Authorised CIS: Singapore scheme authorised for offer to the retail public. (Not restricted. Mentioned only for completeness) Restricted authorised CIS: Singapore scheme authorised for offer only to sophisticate investors. | ∍d |
| | Switzerland Fund for qualified investor: Swiss domiciled fund, distributed only to qualified investor | S. |
| | //No longer supported. Please use "OFST6050XX Country Specific Restrictions" instead | \/.k |
| Values | "specialized investment fund (LU)", "restricted authorised CIS (SG)", "fund for qualified investors (CH)", | |
| Example | specialized investment fund (LU) | |
| OF-ID | OFST6050XX Field Name Country Specific Restrictions | |
| Field Tags | Multiple country field (XX=ISO country code) Key Fact: Share Class | |
| Field Level | Share Class Link Reference OFST600 | 000 |
| Data Type | string Introduced / Revoked 0.87 / | |
| Description | Further specification of the type of registration in a specific country. Usually the OF-ID has to be changed and XX has to be replaced with the two digit ISO country code is a flat file layout. If used as OFST605000 (XX replaced by number 00) file layout change from a "flat file layout" to a "narrow file layout". Narrow file layout means that there is separate line for each country that is specified in column OFST600000. In a narrow file layout there will be a separate line for each country were the share class is registered for sale. | in ges a e |
| | In many cases this field can be derived from a set of other fields, i.e. OFST010010 Fun Domicile Alpha 2, OFST160100 Legal Form, OFST160150 Home Country Legal Type Of Fund, OFST6100XX Has Country Representative, etc You can find some country specific values in the following table (more countries to follow). | |
| | A comprehensive description can be downloaded from https://www.openfunds.org/fields/CountrySpecificRestrictions.pdf | |

See https://www.openfunds.org/fields/CountrySpecificRestrictions.pdf

restricted recognized CIS

Values

OF-ID **OFST6100XX** Field Name **Has Country Representative**

Field Tags Multiple country field (XX=ISO country code) | Key Fact: Company

Field Level Company Link Reference OFST6102XX

Data Type boolean Introduced / Revoked 0.92 / --

Description Is there a representative in the specified country for this fund? - The "XX" within the OF-

ID has to be replaced by the two digit country ISO code (3166-1 alpha-2).

Please note that there exists a specific name of this field for certain countries, which differ from the general field name "Has Country Representative" but have the same

meaning:

AT: Has Information Agent - Austria FI: Has Information Agent - Finnland

FR: Has Centralizing Correspondent Agent - France

GB: Has Facilities Agent - Great Britain

IE: Has Facilities Agent - Ireland

LI: Has Information Agent - Liechtenstein

Apart from the fact that openfunds relies on the OF-ID we recommend to use "Has

Country Representative" as field name.

Values "yes" / "no"

Example yes

OF-ID OFST6102XX Field Name Country Representative Name

Field Tags Key Fact: Company | Multiple country field (XX=ISO country code)

Field Level Company Link Reference OFST6100XX

Data Type string Introduced / Revoked 0.92 / --

Description Representative's name in the given country. The "XX" within the OF-ID has to be

replaced by the two digit country ISO code (3166-1 alpha-2). Multiple representative names for one country are separated by pipe "|" (ASCII 124) as representative names

may contain commas.

Please note that there exists a specific name of this field for certain countries, which differ from the general field name "Country Representative Name" but have the same meaning:

AT: Information Agent No

AT: Information Agent Name - Austria FI: Information Agent Name - Finland

FR: Centralizing Correspondent Agent Name - France

GB: Facilities Agent Name - Great Britain

IE: Facilities Agent Name - Ireland

LI: Information Agent Name - Liechtenstein

Apart from the fact that openfunds relies on the OF-ID we recommend to use "Country

Representative Name" as field name.

Values

OF-ID OFST6105XX Field Name Has Country Paying Agent

Field Tags Multiple country field (XX=ISO country code) | Key Fact: Company

Field Level Company Link Reference OFST6107XX

Data Type boolean Introduced / Revoked 0.92 / --

Description Is there a paying agent in the specified country for this fund? - The "XX" within the OF-ID

has to be replaced by the two digit country ISO code (3166-1 alpha-2).

Values "yes" / "no"

Example yes

OF-ID OFST6107XX Field Name Country Paying Agent Name

Field Tags Multiple country field (XX=ISO country code) | Key Fact: Company

Field Level Company Link Reference OFST6105XX

Data Type string Introduced / Revoked 0.92 / --

Description Paying Agent's name in the given country. The "XX" within the OF-ID has to be

replaced by the two digit country ISO code (3166-1 alpha-2). Multiple paying agent names for one country are separated by pipe "|" (ASCII 124) as paying agent names

may contain commas.

Values

OF-ID OFST700601 Field Name Singapore Classification Of Investment Products

Field Tags Classification | Key Fact: Fund

Field Level Fund Link Reference

Data Type string Introduced / Revoked 1.23 / --

Description Classification of investment products under MAS scheme, which determines whether a

wider range of investment funds including ETFs can be easier accessed by retail

investors ("http://www.mas.gov.sg/News-and-Publications/Media-

Releases/2015/Easier-Access-to-Simpler-Funds-for-Retail-Investors.aspx "AND" http://www.mas.gov.sg/Regulations-and-Financial-Stability/Regulations-Guidance-and-Licensing/Securities-Futures-and-Funds-Management/Notices/2012/Notice-on-the-

Sale-of-Investment-Products-Notice-No-SFA-04N12.aspx")

Values "excluded investment products (EIP)" / "specified investment products (SIP)" / "unlisted

specified investment products (unlisted SIP)" / "overseas-listed investment products

(OLIP)"

Example

OF-ID OFST700605 Field Name Singapore GST Liable

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.23 / --

Description GST (Goods and Services Tax) treatment of services provided or received by fund

managers in Singapore ("

https://www.iras.gov.sg/irashome/uploadedFiles/IRASHome/e-

Tax_Guides/etaxguide_GST_Guide%20for%20the%20Fund%20Management%20Industry

_2015-03-18.pdf " AND " https://www.iras.gov.sg/irashome/GST/GST-registered-

businesses/Learning-the-basics/Goods-and-Services-Tax--GST---What-It-Is-and-How-It-

Works/")

Values "yes" / "no"

OF-ID OFST700610 Field Name Singapore CPFIS-OA

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.23 / --

Description Please indicate in this field whether the share class is a Central Provident Fund

Investment Scheme (CPFIS) where investors invest their Ordinary Account (OA) savings

in a wider range of investments (= "yes") or not (= "no").

For further information about CPFIS-OA please visit the following website: https://www.cpf.gov.sg/members/schemes/schemes/optimising-my-cpf/cpf-

investment-schemes

For further information about CPF please visit:

https://www.cpf.gov.sg/Members/AboutUs/about-us-info/cpf-overview

Values "yes" / "no"

Example yes

OF-ID OFST700615 Field Name Singapore CPFIS-SA

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.23 / --

Description Please indicate in this field whether the share class is a Central Provident Fund

Investment Scheme (CPFIS) where investors invest their Special Account (SA) savings in

a wider range of investments (= "yes") or not (= "no").

For further information about CPFIS-SA please visit the following website: https://www.cpf.gov.sg/members/schemes/schemes/optimising-my-cpf/cpf-

investment-schemes

For further information about CPF please visit:

https://www.cpf.gov.sg/Members/AboutUs/about-us-info/cpf-overview

Values "yes" / "no"

Example yes

OF-ID **OFST700620** Field Name **Singapore SRS**

Field Tags Key Fact: Share Class

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.23 / --

Description Please indicate in this field whether the share class is a Supplementary Retirement

Scheme (SRS) (= "yes") or not (= "no"). For further information about a SRS please visit

the following website: https://www.cpf.gov.sg/Members/faq/schemes/Other-

Matters/Others?ajsrc=FS&#faq2192593

Values "yes" / "no"

OF-ID OFST700630 Field Name Is BVV2 Compliant

Field Tags Country specific field | Key Fact: Fund

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.2 / --

Description Are the funds' investments in conformance with the Ordinance of the Swiss Pension's

Act (Verordnung über die berufliche Alters-, Hinterlassenen- und Invalidenvorsorge (BVV 2)) Art. 53 and Art. 55? Please be aware that this ordinance has been tightened on January 1st, 2015. Typically, these funds are set up and distributed only to pension

funds.

Values "yes" / "no"

Example yes

OF-ID OFST700640 Field Name Is Swiss Investment Foundation

Field Tags Key Fact: Fund

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 1.23 / --

Description Is the fund a Swiss investment foundation (German: Anlagestiftung)?

Values "yes" / "no"

Example no

OF-ID OFST701040 Field Name Is Great Britain ISA Compliant

Field Tags Country specific field

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 1.23 / --

Description Is the fund ISA (Individual Savings Account) compliant?

Values "yes" / "no"

OF-ID **OFST710100** Field Name **CNMV Registry Number**

Field Tags Country specific field | Codes

Field Level Fund Link Reference

Data Type integer Introduced / Revoked 1.23 / --

Description Register number in Comisión Nacional del Mercado de Valores (CNMV): numberic

code assigned by CNMV to 'foreign funds' when legally registered in CNMV for their distribution in Spain and for funds domiciled in Spain. For more information please refer

to https://www.cnmv.es/portal/home.aspx

Please be aware that the CNMV can be on umbrella or fund level or a mixture of both levels. For this reason openfunds sets this field on fund level so that it can be used for umbrella level as well. Kindly be informed that this could lead to validation difficulties,

but it is a necessary trade-off to be taken.

Values CNMV Registration number

OF-ID OFST800050 Field Name EU Savings Directive

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / 1

Description Classification as 'in scope' or 'out of scope' according to the European savings

directive.

Please note this field will become obsolete after the 1st of January 2018 as the Savings

Directive 2003/48/EC was repealed by the Council in November 2015.

//No longer supported.//

Values "in scope" / "in scope - no tax" / "out of scope" / "in scope - tax"

Please note, that an empty field means "unknown" as a general rule within openfunds. To avoid any deletion of a value in the receiving database, openfunds recommends to use the command "[IGNORE]" instead of a value. (Without quotation marks, but

including square brackets. All capital letters).

Example in scope

OF-ID OFST800052 Field Name TIS And TID Reporting To SIX Telekurs

Field Tags Key Fact: Share Class | Tax data

Field Level Share Class Link Reference OFST800050

Data Type string Introduced / Revoked 1.2 / --

Description Does the fund report the tax status of the "European Directive on Taxation of Savings"

to SIX Telekurs? - Please mention, if the taxable income per share (TIS), respectively

taxable income at distribution (TID) are reported to SIX Telekurs.

Values "Yes, for both TIS and TID" / "Only for TIS" / "Only for TID" / "No, for both TIS and TID"

Example Yes, for both TIS and TID

OF-ID OFST801011 Field Name Is Austrian Tax Reporting Fund

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description If the fund is a tax reporting fund the value of this field should be "yes". If it is a non-tax

reporting fund please answer with "no". This replaces the former "bluetenweiss" or

"weiss" etc.

Values "yes" / "no"

OF-ID **OFST802000** Field Name **German Tax Category**

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.85 / --

Description German tax category as regulated by the German Investmentsteuergesetz (InvStG)

§5ff.

Values "intransparent" / "semitransparent" / "transparent"

Example transparent

OF-ID OFST802010 Field Name Has Daily Delivery Of Interim Profit To WM Daten

Field Tags Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.92 / --

Description Indicates, whether the fund files tax figures to WM Daten. This ensures that German

banks holding units of this fund are able to calculate correct tax withholding.

Values "yes" / "no"

Example no

OF-ID OFST802500 Field Name Has Reduced Luxembourg Taxe d'Abonnement

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.91 / --

Description Has this share class a reduced taxe d'abonnement? Only applicable for Luxembourg

domiciled funds ("OFST010010 Fund Domicile Alpha-2" = LU).

Values "yes" / "no"

Example no

OF-ID OFST802501 Field Name Luxembourg Taxe d'Abonnement

Field Tags Taxes | Key Fact: Share Class

Field Level Share Class Link Reference OFST802500

Data Type double Introduced / Revoked 1.2 / --

Description Taxe rate of Luxembourg taxe d'abonnement.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.0005 (instead of 0.05%)

OF-ID OFST808008 Field Name Has Swiss Tax Reporting

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description Has the required data been delivered to the Swiss Tax Authorities? Please be aware

that data should be available yearly until the end of January latest on the EstV

webpage (Kurslisten Direkte Bundessteuer –

https://www.ictax.admin.ch/extern/de.html#/ratelist).

Values "yes" / "no"

Example yes

OF-ID OFST808010 Field Name Tax Status Switzerland - Tax Ruling

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description This field is for ETFs only and shows, whether there is a tax ruling from the Swiss

Authorities.

Values "yes" / "no"

Example no

OF-ID OFST808100 Field Name Is Eligible For Tax Deferred Fund Switch In Spain

Field Tags Country specific field | Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 1.2 / --

Description Does the fund fulfill the requirements for 'traspaso'? For that the fund has to be

registered in Spain (OFST6030ES = yes) and if it is not a FCP but a SICAV there must be more than 500 investors. This fiscal regulation applies only to international regulated funds (=SICAVs) registered for sale in Spain. The number is counted at fund level. Thus, if a fund has in total more than 500 shareholders ALL shares classes (provided they are registered in Spain) are considered capital gain tax exempt. The Spanish word "traspaso" makes reference to transfer implying money can be transferred between

funds without paying capital gain tax.

Please be aware, that all Spanish domestic funds and all FCPs registered in Spain must

be set to "yes" by default.

Values "yes" / "no"

OF-ID OFST808500 Field Name PEA Plan d'Epargne en Actions

Field Tags Taxes | Key Fact: Share Class

Field Level Fund Link Reference

Data Type boolean Introduced / Revoked 0.86 / --

Description Does the fund fulfill the requirements to be PEA-eligible? This means that the fund must

be made up of a permanently minimum 75% of shares in companies that are

headquartered in the European Community.

Values "yes" / "no"

Example no

OF-ID OFST809015 Field Name Has UK Reporting Status

Field Tags Taxes | Country specific field

Field Level Share Class Link Reference OFST809020

Data Type boolean Introduced / Revoked 0.9 / --

Description "yes" = If the fund has applied (already confirmed by HRMC) for or is intending to apply

for the reporting fund status in the UK.

This field is applicable only for non-UK domiciled funds. However, for legacy reasons this boolean field must be filled out. Therefore UK domiciled funds will default to yes.

Values "yes" / "no"

Example yes

OF-ID OFST809020 Field Name UK Reporting Status Valid From

Field Tags Taxes | Key Fact: Share Class

Field Level Share Class Link Reference OFST809015

Data Type date Introduced / Revoked 0.87 / --

Description Start date of UK reporting status. In case the fund is domiciled in the UK please fill in the

fund's OFST010240 Launch Date instead.

Values YYYY-MM-DD Example 2012-01-01

OF-ID OFST809022 Field Name UK Reporting Status Valid Until

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference OFST809020

Data Type date Introduced / Revoked 1.2 / --

Description End date of UK reporting status.

Values YYYY-MM-DD Example 2016-05-16

OF-ID OFST809050 Field Name Has UK Confirmation Of Excess Amount

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description Confirmation that excess amount of interests minus distributed amount will be nil (Reg

92(b) SI 2009/3001).

Values "yes" / "no"

Example yes

OF-ID OFST809200 Field Name Is US Tax Forms W8 W9 Needed

Field Tags Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description US Taxation - Does the investment fund require investors to deliver US tax forms (W-8, W-

6)

Values "yes" / "no"

Example no

OF-ID OFST809250 Field Name Is Flow-Through Entity By US Tax Law

Field Tags Key Fact: Share Class | Taxes

Field Level Share Class Link Reference

Data Type boolean Introduced / Revoked 0.9 / --

Description US Taxation - Is the investment fund treated as flow-through entity (e.g. partnership)

according to US tax law?

Values "yes" / "no"

Example no

| OF-ID | OFST809510 | Field Name | FATCA Status |
|-------------|--|--|--|
| Field Tags | Taxes | | |
| Field Level | Share Class | | Link Reference |
| Data Type | string | | Introduced / Revoked 0.9 / 1.1 |
| Description | Please insert the Format: Closed "Non participation other than a re" "Participating Mod" "Reporting Mod" "Reporting Mod" "Registered dethat has not ok "Sponsored FFI" "Certified deer "Certif | d Field ating FFI (included sistered deer FFI") del 1 FFI" del 2 FFI" emed-compliant and compliant med-compliant m | Is as given by the Internal Revenue Service (IRS). Iling a limited FFI or an FFI related to a Reporting IGA FFI med-compliant FFI or participating FFI)" Identify the sponsored and sponsored fFI or sponsored FFI or sponsored fFI or sponsored fFI or sponsored and sponsored are sponsored as a counts or sponsored, closely held investment vehicle or sponsored, closely held investment whice or sponsored, closely held investment managers or sponsored, closely held investment managers. It is an |

see description

Participating FFI

Values

OF-ID OFST809511 Field Name FATCA Status V2

Field Tags Taxes | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 1.2 / --

Description Please insert the FATCA status as given by the Internal Revenue Service (IRS)

Source: W-8BEN-E (Rev. July 2017)

Format: Closed Field

"Nonparticipating FFI (including an FFI related to a Reporting IGA FFI other than a deemed-compliant FFI, participating FFI, or exempt beneficial owner)"

"Participating FFI"

"Reporting Model 1 FFI"

"Reporting Model 2 FFI"

"Registered deemed-compliant FFI (other than a reporting Model 1 FFI, sponsored FFI, or nonreporting IGA FFI covered in Part XII)"

"Sponsored FFI"

"Certified deemed-compliant nonregistering local bank"

"Certified deemed-compliant FFI with only low-value accounts"

"Certified deemed-compliant sponsored, closely held investment vehicle"

"Certified deemed-compliant limited life debt investment entity"

"Certain investment entities that do not maintain financial accounts"

"Owner-documented FFI"

"Restricted distributor"

"Nonreporting IGA FFI"

"Foreign government, government of a U.S. possession, or foreign central bank of issue"

"International organization"

"Exempt retirement plans"

"Entity wholly owned by exempt beneficial owners"

"Territory financial institution"

"Excepted nonfinancial group entity"

"Excepted nonfinancial start-up company"

"Excepted nonfinancial entity in liquidation or bankruptcy"

"501(c) organization"

"Nonprofit organization"

"Publicly traded NFFE or NFFE affiliate of a publicly traded corporation"

"Excepted territory NFFE"

"Active NFFE"

"Passive NFFE"

"Excepted inter-affiliate FFI"

"Direct reporting NFFE"

"Sponsored direct reporting NFFE"

"Account that is not a financial account"

For further information please refer to:

https://www.irs.gov/Businesses/Corporations/Foreign-Account-Tax-Compliance-Act-

FATCA

Values see description. Example Participating FFI

| OF-ID | OF\$T809520 | Field Name | Subject To FATCA Withholding Taxation |
|-------------|--------------|---------------|--|
| Field Tags | Taxes | | |
| Field Level | Share Class | | Link Reference |
| Data Type | boolean | | Introduced / Revoked 0.9 / |
| Description | | ends, coupons | Fund, Hedge Fund or ETF is subject to FATCA, i.e. receiving in USD or payments in USD subject to US Withholding Tax share classes. |
| Values | "yes" / "no" | | |
| Example | no | | |

OF-ID **OFST999990** Field Name **Non-openfunds Field**

Field Tags Non-openfunds field (use senders field name instead)

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.86 / --

Description Use this field, if you want to transmit data, that is not defined in the openfunds

standard. On the recipient side it is recommended to use the sender's field name for

field identification. Therefore do not leave the field name empty.

Values Example

OF-ID OFST999999 Field Name Field To Ignore

Field Tags Field to ignore (during transmission)

Field Level Share Class Link Reference

Data Type string Introduced / Revoked 0.86 / --

Description Using this field tells the recipient to ignore the values in it. Reasons for that could be

that the sender has a predefined template for several recipients or because the

values for these fields might contain errors.

Values

OF-ID OFDY000020 Field Name **Bid NAV**

Key Fact: Share Class | Prices, assets and number of shares | Dynamic Data Field Tags

Link Reference OFDY000021 Field Level Share Class

Introduced / Revoked Data Type double 1.2 / --

Description For funds with "OFST401002 Pricing Methodology" = "dual pricing" only. Net asset value

(NAV) of share class by using underlyings' bid prices for NAV calculation. Default

currency is "OFST020540 Share Class Currency".

For different currencies use OFDY000020_XXX, where XXX stands for ISO code 4217 as it can be found on https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 113.54

OF-ID OFDY000021 Field Name **Bid NAV Date**

Prices, assets and number of shares | Key Fact: Share Class | Dynamic Data Field Tags

Share Class Field Level Link Reference

Introduced / Revoked date 1.2 / --Data Type

Description Relevant date of the fund's Bid NAV. This date represents the valuation date of the

underlying assets.

Values YYYY-MM-DD 2017-09-22 Example

OF-ID OFDY000025 Field Name Ask NAV

Field Tags Prices, assets and number of shares | Dynamic Data | Key Fact: Share Class

Share Class Field Level Link Reference OFDY000026

double Introduced / Revoked 1.2 / --Data Type

Description For funds with "OFST401002 Pricing Methodology" = "dual pricing" only. Net asset value

(NAV) of share class by using underlyings' ask prices for NAV calculation. Default

currency is "OFST020540 Share Class Currency".

For different currencies use OFDY000025 XXX, where XXX stands for ISO code 4217 as it

can be found on https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 114.98 OF-ID OFDY000026 Field Name Ask NAV Date

Dynamic Data | Key Fact: Share Class | Prices, assets and number of shares Field Tags

Field Level Share Class Link Reference

Introduced / Revoked Data Type date 1.2 / --

Description Relevant date of the fund's Ask NAV. This date represents the valuation date of the

underlying assets.

Values YYYY-MM-DD Example 2017-09-22

OF-ID OFDY000035 Field Name Valuation NAV

Dynamic Data | CEPT | Key Fact: Share Class | Prices, assets and number of shares Field Tags

Field Level Share Class Link Reference OFDY000036

Introduced / Revoked Data Type double 1.2 / --

Description For funds with "OFST401002 Pricing Methodology" = "single pricing" only. For funds with

"OFST401003 Single Pricing Type" = "full swing NAV" or "partial swing NAV" the Valuation

NAV represents the unswung NAV. Default currency is "OFST020540 Share Class

Currency".

For different currencies use OFDY000035 XXX, where XXX stands for ISO code 4217 as it can be found on https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

//This field was not introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT. CEPT-PRICES: 11020_Share_price//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 56.88

OF-ID Field Name **Valuation NAV Date** OFDY000036

Field Tags Key Fact: Share Class | Prices, assets and number of shares | Dynamic Data

Field Level Share Class Link Reference

Data Type Introduced / Revoked 1.2 / -date

Description Relevant date of the fund's Valuation NAV. This date represents the valuation date of

the underlying assets.

Values YYYY-MM-DD Example 2017-09-22

| OF-ID | OFDY000040 Field Name Transaction NAV | | |
|-------------------|--|--|--|
| Field Tags | Dynamic Data Key Fact: Share Class Prices, assets and number of shares | | |
| Field Level | Share Class Link Reference OFDY000041 | | |
| Data Type | double Introduced / Revoked 1.2 / | | |
| Description | For funds with "OFST401002 Pricing Methodology" = "single pricing" and "OFST401003 Single Pricing Type" = "full swing NAV" or "partial swing NAV" only. The Transaction NAV represents the swing NAV or the NAV this share class can be sold or bought. Default currency is "OFST020540 Share Class Currency". | | |
| | For different currencies use OFDY000040_XXX, where XXX stands for ISO code 4217 as it can be found on https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currencyiso.org/en/home/tables/table-a1.html. | | |
| Values Example | Decimal figure, rounded to maximal 7 digits after the decimal point. 55.95 | | |
| OF-ID | OFDY000041 Field Name Transaction NAV Date | | |
| Field Tags | Key Fact: Share Class Prices, assets and number of shares Dynamic Data | | |
| Field Level | Share Class Link Reference | | |
| Data Type | date Introduced / Revoked 1.2 / | | |
| Description | Relevant date of the fund's Transaction NAV. This date represents the valuation date of the underlying assets. | | |
| Values | YYYY-MM-DD | | |
| Example | 2017-09-22 | | |
| OF-ID | OFDY000060 Field Name AuM Fund | | |
| Field Tags | Key Fact: Fund Dynamic Data Prices, assets and number of shares | | |
| Field Level | Fund Link Reference OFDY000061 | | |
| Data Type | double Introduced / Revoked 1.2 / | | |
| Description | Assets under Management of fund, i.e. the sum of all share classes' AUM ("OFDY000070 Share Class AuM") measured in "OFST010410 Fund Currency". | | |

For different currencies use OFDY000060_XXX, where XXX stands for ISO code 4217 as it can be found on https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currency-

iso.org/en/home/tables/table-a1.html.

Decimal figure, rounded to maximal 7 digits after the decimal point. Values

52068844.48 Example

OF-ID OFDY000061 Field Name **AuM Fund Date** Key Fact: Fund | Prices, assets and number of shares | Dynamic Data Field Taas Field Level Fund Link Reference Introduced / Revoked Data Type date 1.2 / --Description Relevant date of the fund's Asset under Management (AuM). This date represents the valuation date of the fund's underlying assets. Values YYYY-MM-DD 2017-09-22 Example Field Name OF-ID OFDY000065 **NoS Fund** Dynamic Data | Key Fact: Fund | Prices, assets and number of shares Field Tags Field Level Fund Link Reference OFDY000066 double Introduced / Revoked 1.2 / --Data Type Description Number of shares outstanding, i.e. the sum of all share classes' number of shares (OFDY000075 NoS Share Class). Values Decimal figure, rounded to maximal 7 digits after the decimal point. Example 643876 OF-ID OFDY000066 Field Name **NoS Fund Date** Dynamic Data | Key Fact: Fund | Prices, assets and number of shares Field Tags Field Level Fund Link Reference Data Type date Introduced / Revoked 1.2 / --Description Relevant date of the fund's total amount of all shares regardless of which share class. Values YYYY-MM-DD 2017-09-22 Example OF-ID OFDY000070 Field Name AuM Share Class Key Fact: Share Class | Prices, assets and number of shares | Dynamic Data Field Tags Link Reference OFDY000071 Field Level Share Class Introduced / Revoked Data Type double 1.2 / --Description Assets under Management of share class. This figure can also be calculated by multiplying the share classes' number of shares (OFDY000075) with the Valuation NAV (OFDY000035). For different currencies use OFDY000070 XXX, where XXX stands for ISO code 4217 as it can be found on https://en.wikipedia.org/wiki/ISO_4217 or on http://www.currencyiso.org/en/home/tables/table-a1.html.

Decimal figure, rounded to maximal 7 digits after the decimal point.

14751316.10

Values

OF-ID OFDY000071 Field Name **AuM Share Class Date**

Key Fact: Share Class | Dynamic Data | Prices, assets and number of shares Field Tags

Field Level Share Class Link Reference

Introduced / Revoked Data Type date 1.2 /

Description Assets under Management of this particular share class measured in "OFST020540"

Share Class Currency".

Values YYYY-MM-DD 2017-09-22 Example

OF-ID OFDY000075 Field Name **NoS Share Class**

Field Taas Dynamic Data | Prices, assets and number of shares | Key Fact: Share Class

Field Level Share Class Link Reference OFDY000070

Data Type double Introduced / Revoked 1.2 / --

Description Total shares outstanding for this specific share class. By multiplying this number with the

share classes' Valuation NAV (OFDY000035) one receives the asset under

management for this share class (OFDY000070 AuM Share Class).

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

259341 Example

OF-ID OFDY000076 Field Name NoS Share Class Date

Field Tags Key Fact: Share Class | Dynamic Data | Prices, assets and number of shares

Share Class Field Level Link Reference

Data Type Introduced / Revoked 1.2 / -date

Description Relevant date of when the number of shares of this share class was determined. This

date equals the valuation date of the underlying assets.

Values YYYY-MM-DD 2017-09-22 Example

| OFD\/00F000 | 000000000 |
|---|----------------------------------|
| $()$ \vdash $ $ \rangle \langle $ $ \rangle $ $ \rangle $ | ()=1) \(() \(\) \(\) \(\) |
| OFDY005000 - | |

OF-ID OFDY005005 Field Name Dividend Announcement Date

Field Tags Distribution data and corporate actions | Dynamic Data | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type date Introduced / Revoked 1.2 / --

Description The date a dividend is or was announced.

Values YYYY-MM-DD Example 2016-07-02

OF-ID OFDY005010 Field Name Dividend Ex Date

Field Tags Dynamic Data | Distribution data and corporate actions | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type date Introduced / Revoked 1.2 / --

Description Date when dividend is deducted from share classes' net asset value, i.e. ceteris

paribus the net asset value on Dividend Ex Date plus "OFST005020 Dividend Gross"

would equal the net asset value of the day before.

Values YYYY-MM-DD Example 2016-07-10

OF-ID **OFDY005015** Field Name **Dividend Payment Date**

Field Tags Distribution data and corporate actions | Key Fact: Share Class | Dynamic Data

Field Level Share Class Link Reference

Data Type date Introduced / Revoked 1.2 / --

Description Date of the dividend payment, i.e. when you can expect the dividend amount

transfered to your bank account.

Values YYYY-MM-DD Example 2016-07-15

OF-ID **OFDY005020** Field Name **Dividend Gross**

Field Tags Distribution data and corporate actions | Dynamic Data | Key Fact: Share Class |

CEPT

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.2 / --

Description Amount of dividend payed out, if no taxes would be deducted.

//This field was not introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT. CEPT-PRICES: 11050_Distribution_value//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 4.50

| 0 | 0 = 0 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
|--------------|---|
| OFDY005000 - | |
| () [| \ |
| | |

| OF-ID | OFDY005022 | Field Name | Dividend Net |
|-------|------------|------------|--------------|
|-------|------------|------------|--------------|

Field Tags Distribution data and corporate actions | Key Fact: Share Class | Dynamic Data

Field Level Share Class Link Reference OFDY005020

Data Type double Introduced / Revoked 1.2 / --

Description Dividend payed out after withholding taxes are deducted. The net dividend must not

be higher than the OFDY005020 Dividend Gross.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 2.92

OF-ID OFDY005025 Field Name Tax Deducted Reinvested Amount

Field Tags Dynamic Data | Key Fact: Share Class | Distribution data and corporate actions

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.2 / --

Description Kind of withholding taxes that are due by the fund to the national tax authorities, even

if there is no distribution of accrued interests or dividends. This data is needed for performance calculation as the amount must be added to the net asset value on

OFDY000010 Dynamic Data Reference Date.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.456

OF-ID **OFDY005060** Field Name **Split Reference Date**

Field Tags Dynamic Data | Distribution data and corporate actions | Key Fact: Share Class

Field Level Share Class Link Reference

Data Type date Introduced / Revoked 1.2 / --

Description First day after a share class was splittet, i.e. for a 1 to 2 split the day when the number

of shares has doubled.

Values YYYY-MM-DD Example 2015-10-13

| OF-ID | OFDY005062 | Field Name | Split Ratio |
|-------------|--------------|--------------|--|
| Field Tags | Dynamic Data | Key Fact: Sh | hare Class Distribution data and corporate actions |
| Field Level | Share Class | | Link Reference OFDY005060 |
| Data Type | double | | Introduced / Revoked 1.2 / |
| Description | | | w shares. If 1 old share is converted into 4 new shares, the r a reverse split, i.e. 3 old shares are converted into 1 new |

share, the conversion ratio would be 3. (For the opposite, i.e. 1 old share is splitted into maximal number of 7 digits after the decimal point. The following list gives you an idea, how the Split Ratio is calculated:

| Ratio (old : new) | Split Ratio |
|-------------------|--|
| 1:5 | 0.2 |
| 1:4 | 0.25 |
| 1:3 | 0.3333333 (7 digits after the decimal point) |
| 1:2 | 0.5 |
| 2:1 | 2 (reverse split) |
| 3:1 | 3 (reverse split) |
| 4:1 | 4 (reverse split) |

Please take good care that this field is linked to OFDY005060 Split Reference Date.

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

0.1666666 (instead of 1:6) Example

OF-ID OFDY023100 Field Name Ex-post One-off Entry Costs As Percentage

Field Tags Dynamic Data | PRIIPs and MiFID cost fields | MiFID II data | Fees and expenses | Key

Fact: Share Class

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description Costs involved by subscribing a fund expressed as a percentage figure in relation to

share classes net asset value.

MiFID II related costs. MiFID costs are always calculated ex-post. In contrast to PRIIPs costs MiFID II related costs must be retrievable as a time series. Therefore, this field is an

openfunds dynamic field (OFDY).

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.003334 (instead of 0.3334%)

OF-ID OFDY023103 Field Name Ex-post One-off Entry Costs Period Start

Field Tags PRIIPs and MiFID cost fields | Key Fact: Share Class | Fees and expenses | Dynamic

Data | MiFID II data

Field Level Share Class Link Reference OFDY023100

Data Type date Introduced / Revoked 1.1 / --

Description This field reference to "OFDY023100 Ex-post One-off Entry Costs As Percentage", i.e.

what are the current entry costs in percentage when buying this share class? It is an optional field as the date will usually equal the date of field "OFDY023104 Ex-post One-

off Entry Costs Period End".

Values YYYY-MM-DD Example 2017-02-10

OF-ID OFDY023104 Field Name Ex-post One-off Entry Costs Period End

Field Tags Fees and expenses | Key Fact: Share Class | PRIIPs and MiFID cost fields | MiFID II

data | Dynamic Data

Field Level Share Class Link Reference OFDY023103

Data Type date Introduced / Revoked 1.1 / --

Description As one-off costs are generally snapshot data points this field usually equals

"OFDY023103 Ex-post One-off Entry Costs Period Start". For consistancy reasons and to increase data flexibility openfunds recommends to use the time series' date concept

also for one-off entry costs.

Values YYYY-MM-DD Example 2017-04-13

OF-ID OFDY023120 Field Name Ex-post One-off Exit Costs As Percentage

Field Tags MiFID II data | Key Fact: Share Class | Fees and expenses | Dynamic Data | PRIIPs

and MiFID cost fields

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description Costs involved by redeeming a fund expressed as a percentage figure in relation to

share classes net asset value.

MiFID II related costs. MiFID costs are always calculated ex-post. In contrast to PRIIPs costs MiFID II related costs must be retrievable as a time series. Therefore, this field is an

openfunds dynamic field (OFDY).

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.0025 (instead of 0.25%)

OF-ID OFDY023123 Field Name Ex-post One-off Exit Costs Period Start

Field Tags Fees and expenses | Key Fact: Share Class | Dynamic Data | PRIIPs and MiFID cost

fields | MiFID II data

Field Level Share Class Link Reference OFDY023120

Data Type date Introduced / Revoked 1.1 / --

Description This field reference to "OFDY023120 Ex-post One-off Exit Costs As Percentage", i.e. what

are the current entry costs in percentage when buying this share class?

Values YYYY-MM-DD Example 2017-01-27

OF-ID OFDY023124 Field Name Ex-post One-off Exit Costs Period End

Field Tags MiFID II data | Key Fact: Share Class | PRIIPs and MiFID cost fields | Dynamic Data |

Fees and expenses

Field Level Share Class Link Reference OFDY023123

Data Type date Introduced / Revoked 1.1 / --

Description As one-off costs are generally snapshot data points this field usually equals

"OFDY023123 Ex-post One-off Exit Costs Period Start". For consistancy reasons and to increase data flexibility openfunds recommends to use the time series' date concept

also for one-off entry costs.

Values YYYY-MM-DD Example 2017-04-04

OF-ID **OFDY023140** Field Name **Ex-post Transaction Costs As Percentage**

Field Tags MiFID II data | Dynamic Data | Fees and expenses | EMT | Key Fact: Share Class |

PRIIPs and MiFID cost fields

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description All cost and charges that incurred as a result of the acquisition and disposal of

investments within the fund during "OFDY023143 Ex-post Transaction Costs Period Start"

and "OFDY023144 Ex-post Transaction Costs Period End".

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 08070_Financial_Instrument_Transaction_costs_ex_post//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.00725 (instead of 0.725%)

OF-ID OFDY023143 Field Name Ex-post Transaction Costs Period Start

Field Tags Dynamic Data | MiFID II data | PRIIPs and MiFID cost fields | Fees and expenses | EMT

| Key Fact: Share Class

Field Level Share Class Link Reference OFDY023140

Data Type date Introduced / Revoked 1.1 / --

Description From this date onwards all transaction costs are added together as mentioned in the

description of "OFDY023140 Ex-post Transaction Costs As Percentage". Usually this is the

beginning of the fund's fiscal year and mentioned in the current annual report.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is: EMT: 08090_Beginning_Of_Calculation_Period//

Values YYYY-MM-DD Example 2016-01-01

OF-ID OFDY023144 Field Name Ex-post Transaction Costs Period End

Field Tags Key Fact: Share Class | Dynamic Data | EMT | Fees and expenses | PRIIPs and MiFID

cost fields | MiFID II data

Field Level Share Class Link Reference OFDY023143

Data Type date Introduced / Revoked 1.1 / --

Description Upto this date all transaction costs during the period starting at "OFDY023143 Ex-post

Transaction Costs Period Start" are added together. Usually this is the fund's fiscal year

end and mentioned in the annual report.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 08100 End Of Calculation Period//

Values YYYY-MM-DD Example 2016-12-31

OF-ID OFDY023150 Field Name Ex-post Management Fee Applied As Percentage

Field Tags MiFID II data | EMT | Key Fact: Share Class | Fees and expenses | Dynamic Data |

PRIIPs and MiFID cost fields

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description The cost that is charged to the fund for managing the fund. The benificiary of this fee

can be either the "OFST001020 ManCo" or the "OFST001450 Portfolio Managing Company". The fee is deducted from the value of the fund during "OFDY023153 Expost Management Fee Period Start" and OFDY023154 Expost Management Fee Period End". The percentage figure is calculated by dividing the accrued management fee through an average net asset value of the share class during the given time period.

If there is no ex-post management fee calculated, either because the ManCo provides another measure like an all-in fee or because only the actual value of the management fee is provided as a static data point, openfunds recommends the following:

1. priority: provide the actual "OFST452000 Management Fee Applied" at "OFDY023154 Ex-post Management Fee Period End".

2. priority: provide the closest available number, e.g. the "OFST452017 All-in Fee Applied".

// The correspondent MiFID II field introduced by the European Working Group with their MiFID Data Dictionary Template (EMT) is:

08050_Financial_Instrument_Management_fee_ex_post//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.015 (instead of 1.5%)

OF-ID OFDY023153 Field Name Ex-post Management Fee Applied Period Start

Field Tags EMT | PRIIPs and MiFID cost fields | Dynamic Data | MiFID II data | Fees and expenses

| Key Fact: Share Class

Field Level Share Class Link Reference OFDY023150

Data Type date Introduced / Revoked 1.1 / --

Description From this date onwards all management fees are added together as mentioned in the

description of "OFDY023150 Ex-post Management Fee Applied As Percentage". Usually

this is the beginning of the fund's fiscal year and mentioned in the annual report.

Values YYYY-MM-DD

Example 2017-01-01

OF-ID OFDY023154 Field Name Ex-post Management Fee Applied Period End

Field Tags PRIIPs and MiFID cost fields | EMT | Dynamic Data | Key Fact: Share Class | Fees and

expenses | MiFID II data

Field Level Share Class Link Reference OFDY023153

Data Type date Introduced / Revoked 1.1 / --

Description Upto this date all management fees during the period starting at "OFDY023153 Ex-post

Management Fee Applied Period Start" are added together. Usually this is the fund's

fiscal year end and mentioned in the annual report.

Values YYYY-MM-DD Example 2017-03-31

OF-ID OFDY023160 Field Name Ex-post Ongoing Charges As Percentage

Field Tags PRIIPs and MiFID cost fields | Key Fact: Share Class | MiFID II data | EMT | Dynamic

Data | Fees and expenses

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description All ongoing costs and charges related to the management of the fund that are

deducted from the value of the fund during "OFDY023163 Ex-post Other Ongoing Charges Period Start" and "OFDY023164 Ex-post Other Ongoing Charges Period End". The percentage figure is calculated by dividing the accrued ongoing costs through

an average net asset value of a share class during the given time period.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 08030_Financial_Instrument_Ongoing_costs_ex_post//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.003125 (instead of 0.3125%)

OF-ID OFDY023163 Field Name Ex-post Ongoing Charges Period Start

Field Tags Key Fact: Share Class | EMT | Fees and expenses | PRIIPs and MiFID cost fields |

Dynamic Data | MiFID II data

Field Level Share Class Link Reference OFDY023160

Data Type date Introduced / Revoked 1.1 / --

Description From this date onwards all other costs are added together as mentioned in the

description of "OFDY023160 Ex-post Ongoing Charges As Percentage". Usually this is

the beginning of the fund's fiscal year and mentioned in the annual report.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 08090_Beginning_Of_Calculation_Period//

Values YYYY-MM-DD Example 2016-01-01

OF-ID OFDY023164 Field Name Ex-post Ongoing Charges Period End

Field Tags EMT | MiFID II data | Fees and expenses | Key Fact: Share Class | PRIIPs and MiFID

cost fields | Dynamic Data

Field Level Share Class Link Reference OFDY023163

Data Type date Introduced / Revoked 1.1 / --

Description Upto this date all other costs during the period starting at "OFDY023163 Ex-post

Ongoing Charges Period Start" are added together. Usually this is the fund's fiscal year

end and mentioned in the annual report.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is: EMT: 08100_End_Of_Calculation_Period//

Values YYYY-MM-DD Example 2016-12-31

OF-ID OFDY023190 Field Name Ex-post Incidental Costs As Percentage

Field Tags MiFID II data | Dynamic Data | Fees and expenses | Key Fact: Share Class | EMT |

PRIIPs and MiFID cost fields

Field Level Share Class Link Reference

Data Type double Introduced / Revoked 1.1 / --

Description The sum of carried interest and performance fee as an percentage figure. This figure

includes all carried interest and performance fees deducted from the value of the fund during "OFDY023193 Ex-post Incidental Costs Period Start" and OFDY023194 Ex-

post Incidental Costs Period End".

The percentage figure is calculated by dividing sum of incidental costs through an average net asset value of a share class during the relevant time period. For periods

not equal one year the result of the division has to be annualised.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 08080 Financial Instrument Incidental costs ex post//

Values Decimal figure, rounded to maximal 7 digits after the decimal point.

Example 0.025 (instead of 2.5%)

OF-ID OFDY023193 Field Name Ex-post Incidental Costs Period Start

Field Tags Dynamic Data | Fees and expenses | MiFID II data | EMT | Key Fact: Share Class |

PRIIPs and MiFID cost fields

Field Level Share Class Link Reference OFDY023190

Data Type date Introduced / Revoked 1.1 / --

Description From this date onwards all performance fees and carried interests are added together

as mentioned in the description of "OFDY023190 Ex-post Incidental Costs As

Percentage". Usually this is the beginning of the fund's fiscal year and mentioned in the

annual report.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is: EMT: 08090_Beginning_Of_Calculation_Period//

Values YYYY-MM-DD Example 2016-05-21

OF-ID OFDY023194 Field Name Ex-post Incidental Costs Period End

Field Tags Key Fact: Share Class | Dynamic Data | Fees and expenses | PRIIPs and MiFID cost

fields | EMT | MiFID II data

Field Level Share Class Link Reference OFDY023193

Data Type date Introduced / Revoked 1.1 / --

Description Upto this date all performance fees and carried interests during the period starting at

"OFDY023193 Ex-post Incidental Costs Period Start" are added together. Usually this is

the end of the fund's fiscal year and mentioned in the annual report.

// The correspondent MiFID II field introduced by the European Working Group with

their MiFID Data Dictionary Template (EMT) is:

EMT: 08100_End_Of_Calculation_Period//

Values YYYY-MM-DD Example 2016-05-31

OF-ID OFDY100000 Field Name **General Reference Date**

Field Tags CEPT | Dynamic Data

Field Level Share Class Link Reference

Data Type Introduced / Revoked date 1.2 / --

Description Only applies to dynamic data files. Usually a date listet on the left hand side of each

single data line within a file. This date represents all reference dates of all fields within

the file as long as there is no separate specific reference date for some fields

mentioned.

//This field was not introduced by the European Working Group with their PRIIPs Data Dictionary Template (EPT), but with the CEPT and can be considered as an addition to

the EPT. CEPT-PRICES: 11010_Share_price_date//

Values YYYY-MM-DD Example 2015-11-11

| OF-ID | OFNW000002 Field Name News Category Name | | |
|-------------------|--|--|--|
| Field Tags | News | | |
| Field Level | News Link Reference | | |
| Data Type | string Introduced / Revoked 1.2 / | | |
| Description | Category name of the news item, e.g.: - investment news - market - investment news - product - product news | | |
| Values Example | "investment news - market" / "investment news - product" / "product news" product news | | |
| OF-ID | OFNW000010 Field Name News GUID | | |
| Field Tags | News | | |
| Field Level | News Link Reference | | |
| Data Type | string Introduced / Revoked 1.2 / | | |
| Description | Globally Unique Identifier (or Universally Unique Identifier 'UUID'). This identifier consists of 36 characters (32 alphanumeric characters and four hyphens) in the form 8-4-4-12, where each number represents the amount of lowercase hexadecimal digits (base 16). | | |
| | As this is an unique identifier for single news items. Therefore, please construct it in a way, that avoids duplicates. | | |
| | More information can be found on https://en.wikipedia.org/wiki/Universally_unique_identifier. | | |
| Values Example | 36 lowercase hexadecimal characters in the form 8-4-4-12. 123e4567-e89b-12d3-a456-426655440000 | | |
| OF-ID | OFNW000011 Field Name News Publication Date | | |
| Field Tags | News | | |
| Field Level | News Link Reference | | |
| Data Type | date Introduced / Revoked 1.2 / | | |
| Description | Date when the news shall be or were published for the first time. | | |
| | | | |

YYYY-MM-DD

2017-04-18

Values Example

OF-ID OFNW000012 Field Name **News Expiration Date**

Field Tags News

Field Level News Link Reference

Introduced / Revoked Data Type date 1.2 / --

Description Latest date on which the news shall be published.

Values YYYY-MM-DD 2017-06-30 Example

OF-ID OFNW000016 Field Name **News Dissemination Recipient**

Field Tags News

Field Level News Link Reference

Data Type string Introduced / Revoked 1.2 / --

Description The field News Dissemination Recipient restricts dissemination of this specific news to

the mentioned recipients, separated by comma. The recipients are identified by an unique four digit alphanumeric code that is distributed by fundinfo. If you have a need

for a recipient code, please send your request to businesssupport@fundinfo.com.

Values [List of four digit alphanumeric codes]

Example UBSW, CSUI, CSAM, IFND

OF-ID OFNW000021 Field Name **News Content Language**

Field Tags News

Field Level News Content Link Reference

Introduced / Revoked 1.2 / --Data Type strina

Description The language of the news presented in the form pp or pp-Ssss, where:

pp stands for 'primary language subtag' (two characters; ISO 639-1), e.g. en, de Ssss stands for 'script subtag' (four characters, first letter capitalized; ISO 15924), e.g.

Hans, Hant

For more information please refer to https://www.openfunds.org/en/language-tags.

Values Two or more characters in the form pp or pp-Ssss.

zh-Hant (for Traditional Chinese) Example

OF-ID **News Content Title** OFNW000022 Field Name

Field Tags News

Field Level News Content Link Reference

Introduced / Revoked 1.2 / --Data Type string

Description Headline of the news.

News headline. Values

Example Euro hedged share class launched OF-ID OFNW000025 Field Name **News Content Summary** Field Tags News Field Level **News Content** Link Reference Introduced / Revoked Data Type string 1.2 / --Description A short summary of the news content. Typically this text follows the "OFNW000022 News Content Title" and is followed by "OFST000026 News Content Body". Values Short text summarizing the news content. Example OF-ID OFNW000026 Field Name **News Content Body** Field Tags News Field Level News Content Link Reference Introduced / Revoked Data Type 1.2 / -string Description The actual news text. Values News text. Example

OFNW000030 **News Content Disclaimer** OF-ID Field Name

Field Tags News

Field Level **News Content** Link Reference

Data Type Introduced / Revoked 1.2 / -string

Description Disclaimer that should be shown with the news.

Values Disclaimer text.

OFNW6000XX -OFNW6999X Multiple news related country field (XX=ISO country codes

OF-ID OFNW6000XX Field Name News Publication Country

Field Tags Multiple country field (XX=ISO country code) | News

Field Level News Link Reference

Data Type string Introduced / Revoked 1.2 / --

Description Country in which this news may be published; choose 'res' if there is a restriction to

qualified or institutional investors [yes/res/no].

Values "yes" / "no" / "res"

Example no