Unique source of fund fees and expenses for cross-border and UK funds. Our data enables detailed and comprehensive fee analysis of any fund product or share class, including "Clean" classes as well as those not disclosing any Ongoing Charge Figure or TERs in marketing documents.

## **A Proven Methodology**

- Fitz fees calculations take into account all fees disclosed in audited financial statements.
- All fees are calculated and verified internally by Fitz Partners.
- Meticulous fund by fund calculation providing unique fee breakdowns at share class level.
- Consistent calculation methodology allows comparison across competitors, asset classes and domiciles.

## **Indispensable Management Tool**

- Access over 230,000 fee calculations at share class level covering 338 promoters & 35 third party management companies.
- Powers Fee Reviews, Board Reports, Strategic Pricing with the most consistent and detailed fee data available.
- Benchmark your fee structures with consistent fee data on your competitors.
- Establish fund **pricing strategies** -share class creation by distribution channel.
- Contribute to investment due-diligence process.
- Review fee revenue, both current and projected.
- Justify level of fees borne by your funds
- Back negotiations of service providers' fees
- Improve market intelligence and review current industry practices.

### **Unrivalled Fee Disclosure**

At share class level, each fee calculation exposes the following costs when charged:

- Management fee
- Administration fee
- Custody fee
- Audit fee
- Professional fee
- Distribution fee
- Taxe d'abonnement\*
- Waiver/ Subsidy
- Performance fee
- Brokerage fee\*
- Custody Transaction fee
- Ongoing Charge Figure(OCF)
- · Securities Lending fee
- TER including Performance fee
- Closing Total Net Assets
- Average Total Net Assets
- Reported Net Flow in Accounts

All data is disclosed in % and in absolute terms in reporting currencies and in US Dollar.

#### **Fund Classification**

- Asset Class
  - Asset Class Subtype ("Quant"/"Enhanced")
  - Investment Area
  - The IA Sectors & Nominated Classes\*\*

#### **Fund Details**

- Share Class Type (Retail, Clean, Clean-Wholesale, Clean-Direct\*\*, Institutional, CDSC, ETF...)
- Performance Fees Structure Flag
- Fixed Fee Structure Flag
- Fee Caps Flag
- 'Early Bird' Flag
- Actively ESG flag Tiered Management Fee Flag
- Minimum Investment
- Reporting Currency
- Fund Promoters
- Third Party Management Company
- Fund Domicile
- Date of Source Report & Accounts
- Service Providers (Administrator, Custodian, Legal Advisor and Auditor)

#### Coverage

- International Fund Charges: cross-border funds domiciled in Luxembourg and Ireland
- UK Fund Charges: funds domiciled in the UK





<sup>\*</sup> For Luxembourgfunds only.

Content & Coverage - 163 promoters & management companies of Luxembourg and Ireland domiciled funds are included in the International Fund Charges.

- AB
- ABN AMRO
- Abrdn
- Aegon
- Algebris Investments
- Allianz Global Investors
- Allspring Global Investments
- Alpina Fund Management
- AmundiAM
- AQR Capital Management
- Architas Multi-Manager
- Ardevora AM
- Artemis
- Artico Partners
- Artisan Partners
- Ashmore Group
- Aviva
- AXA IM
- AXA Rosenberg IM
- Axiom Alternative Investments
- Azimut
- Baillie Gifford
- Banca Generali
- · Banco de Sabadell
- Banco Portuguese de Investimento (BPI)
- Banor Capital
- Barclays
- Baring AM
- BBVA AM
- BlackRock
- Blue Whale Capital
- BlueBay AM
- BNP Paribas
- BNY Mellon
- Bridge Fund Management
- C Worldwide

- CaixaBank AM
- Candriam
- Capital Group
- Carmignac Gestion
- Carne Group
- Clerical Medical
- Cohen & Steers
- Columbia Threadneedle
- Comgest
- Credit Suisse
- Degroof Petercam
- DekaBank Deutsche Girozentrale
- Dimensional Fund Advisors
- DWS Investment
- Eastspring Investments
- Eaton Vance Management
- Edgewood Management
- · Edmond de Rothschild AM
- Eurizon Capital
- Evelyn Partners
- Federated Hermes
- Fideuram Group
- Fiera Capital Limited
- Fineco AM
- First Eagle IM
- First Sentier Investors
- Flossbach Von Storch
- Fortem Capital
- Franklin Templeton Investments
- Fulcrum AM
- FundPartner Solutions
- FundRock
- Fundsmith LLP
- GAM
- Goldman Sachs
- GOG Partners

- Guinness AM
- Harding Loevner
- HSBC
- iM Global Partner AM
- ING Solutions IM
- Insight Investment
- Invesco
- J O Hambro Capital Management
- Janus Henderson Investors
- JPMorgan
- Jupiter
- KBA Consulting Management
- Lazard AM
- Legal & General
- Lemanik
- LFE European AM
- LGT
- Lindsell Train
- Link
- Liontrust AM
- Lombard Odier Darier Hentsch
- Lord Abbett
- M&G
- Man GLG
- Manulife AM
- Mapfre AM
- Massachusetts Fin. Services (MFS)
- Matthews Asia
- Mediolanum
- Mercer Global Investments
- Metzler
- Mirabaud
- Morant Wright
- Morgan Stanley
- MultiConcept Fund Management
- Muzinich & Co

#### Benchmarks by:

Share Types:

Clean

o etc...

Neuberger Berman

NN Investment Partners

Oaktree Capital Management

Natixis

Ninety One

Nomura Bank

Northern Trust

Pictet Funds

Ouoniam AM

Rathbone

Redwheel

Sanlam IM

Santander

Schroders

State Street

Stonehage

Structured Invest

SEI

Sarasin & Cie

Robeco Group

PGIM Investments

PineBridge Investments

Principal Global Investors

RAM Active Investments

RBC Wealth Management

SCOR Investment Partners

Swiss Life Asset Managers

SKY Harbor Capital Management

Stone Harbor Investment Partners

River & Mercantile AM

Russell Investments

Polar Capital Partners

Putnam Investments

Nord Est AM

Nordea

PIMCO

- Retail
  - Asset Class Investment Area
- Institutional
- Performance

Fee Structure(fixed)

- Fee Categories
- Distribution Fees
- Accounting Year
- And many more...
- Swiss Life Asset Managers
- T. Rowe Price
- Troy AM
- Twelve Capital
- Twenty Four AM
- UBS
- Unigestion
- Union Bancaire Privée
- Union Investment
- Universal-Investment
- Vanguard Group
- Veritas AM
- Vermeer IM
- Vontobel Group
- Waystone
- Wellington Management
- · William Blair & Co.

About 30% of our total coverage of over 35,000 share classes do not quote an Ongoing Charge (OCF) in their audited financial accounts and do not show on others collected fee listings.

Content & Coverage - 142 fund promoters & management companies of UK domiciled funds are included in the UK Fund Charges.

- AB
- Aberforth
- abrdn
- Adam & Company
- Aegon
- AFH Financial Group
- Allianz Global Investors
- Amati Global Investors
- Argonaut Capital
- Partners Artemis
- Aviva
- AXA IM
- Baillie Gifford
- Baker Steel Capital Managers
- Bambublack AM
- Barclavs
- Baring AM
- Bentley Reid
- BlackRock
- Blue Whale Capital
- BNY Mellon
- Bordier & Cie
- Brooks Macdonald
- Group Brown Shipley & Co.
- Brunsdon AM
- CAF Charity Money Management
- Canada Life International
- Carmignac Gestion
- Carvetian Capital Management

- CCLA IM
- Charles Stanley & Co.
- Charteris Treasury Portfolio Managers
- Chelverton AM
- Church House Investments
- Citigroup
- Close Fund Management
- Columbia Threadneedle
- Cornelian AM
- CRUX AM
- Dimensional Fund Advisors
- EdenTree IM
- Embark Investments
- Epworth IM
- · Equitile Investments Ltd
- Equity Trustees
- Evelyn Partners
- Evenlode IM
- Family IM
- Federated Hermes
- Fidelity Investments
- First Sentier Investors
- Fisher Investments
- Franklin Templeton Investments
- Fulcrum AM
- FundRock
- Fundsmith LLP
- GAM
- GHC Capital Markets

- Gresham House
- Greystone Wealth Management
- Guinness A
- Handelsbanken
- Hargreaves Lansdown Fund Manager
- Hathaway IM
- Havelock
- Hawksmoor IM
- HBOS Investment Fund Managers
- HSBC
- IM AM
- Insight Investment
- Invesco
- Investment Fund Services
- J O Hambro Capital Management
- James Hambro & Partners
- Janus Henderson Investors
- JPMorgan
- Jupiter
- Kennox AM
- Kleinwort Hambros
- Lazard AM
- Legal & General
- LGT
- Lindsell Train
- Link
- Liontrust AM
- M&G

- Macquarie Group
- · Maitland Institutional

**Benchmarks by:** 

Share Types:

Retail

Clean

o etc...

Institutional

- Man GLG
- Margetts Fund Management
- Marks & Spencer
- Marlborough Fund Managers
- Mayfair Capital IM
- Metropolis Capital
- Momentum Global IM
- Montanaro
- Morant Wright
- Morgan Stanley
- Natixis
- Neuberger Berman
- Ninety One
- Odey AM
- Omnis Investments
- Orbis IM
- Pictet Funds
- Premier Miton
- Prudential
- Ouilter Investors
- Rathbone
- Redwheel
- River & Mercantile AM
- Robeco Group
- Rothschild & Co
- Roval London
- Ruffer

- Russell Investments
- Sanlam IM

Fee Structure(fixed)

Investment Area

Asset Class

Performance

- Santander
- Sarasin & Cie
- Schroders
- Scottish Widows
- Sentinal Portfolio Management

Fee Categories

Distribution Fees

Accounting Year

And many more...

- Seven IM
- Somerset Capital Management
- St James's Place
- State Street
- T. Bailey Fund Managers
- T. Rowe Price
- Tatton IM
- Titan AM
- Trov AM
- TUTMANTwenty Four AM
- UBS
- Valu-Trac
- Vanguard Group
- Veritas AM
- Waverton IM
- WAY Fund Managers
- Waystone
- Whitefoord
- WM Capital Management

#### Unique Fee Breakdown at Share Class level

Fund Name	Fund/Class Type	Clean Sub Type	Asset Class	MinInv (US\$)	Investment Area	Report Type	Report Date	Mgmt%	Admin %	Custody %	Audit %	Professional %	Distribution %	Taxe d'ab%	Other %	Subsidy %	TER %	Cust Transaction%	OCF%	Performance %	Brokerage %	Securities Lending %
XYZ UK Equity  W	Clean	Wholesale	Equities	10,000,000	UK	Α	31 Dec 21	0.80%	0.37%	0.03%	0.01%	0.01%	0.00%	0.05%	0.03%	-0.01%	1.29%	0.03%	1.32%	0.20%	0.49%	0.00%



Unrivalled Source of Peer Group Analysis & Board Reporting Unique Detailed Fund Fees vs Peer Group Fees

### **Peer Group Non-Management Fees**



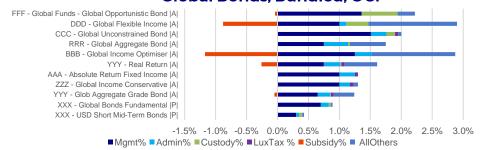
#### ZZZ - Global Income Conservative |A|(Bundled)

### **Fitz Fee Review for Asset Managers**

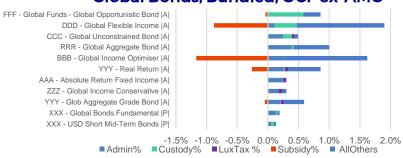
#### Global Bonds

Promoter Name	Year	Domicile	Fund Name	Fund AUM(US\$)	Mgmt%	Admin%	Custody%	LuxTax %	Subsidy%	AllOthers	OCF%
XXX	2022	Luxembourg	XXX - USD Short Mid-Term Bonds  P	10,863,962	0.30%	0.05%	0.05%	0.00%	0.00%	0.03%	0.43%
XXX	2022	Luxembourg	XXX - Global Bonds Fundamental  P	2,289,629	0.70%	0.13%	0.03%	0.00%	0.00%	0.03%	0.89%
YYY	2022	Luxembourg	YYY - Glob Aggregate Grade Bond  A	10,856,298	0.65%	0.20%	0.01%	0.05%	-0.05%	0.33%	1.19%
ZZZ	2022	Luxembourg	ZZZ - Global Income Conservative  A	8,707,715	1.00%	0.17%	0.00%	0.06%	0.00%	0.07%	1.30%
AAA	2022	Luxembourg	AAA - Absolute Return Fixed Income  A	9,472,634	1.00%	0.25%		0.05%			1.30%
YYY	2022	Luxembourg	YYY - Real Return  A	11,044,267	0.75%	0.26%	0.02%	0.05%	-0.26%	0.53%	1.35%
BBB	2021	Dublin	BBB - Global Income Optimiser  A	3,247,956	1.25%	0.27%	0.00%	0.00%	-1.17%	1.35%	1.70%
RRR	2021	Dublin	RRR - Global Aggregate Bond  A	12,335,333	0.75%	0.39%	0.03%	0.00%	0.00%	0.58%	1.75%
ccc	2021	Luxembourg	CCC - Global Unconstrained Bond  A	6,802,385	1.51%	0.25%	0.14%	0.05%	0.00%	0.05%	2.00%
DDD	2021	Dublin	DDD - Global Flexible Income  A	9,889,398	1.00%	0.11%	0.36%	0.00%	-0.88%	1.43%	2.02%
FFF	2021	Dublin	FFF - Global Funds - Global Opportunistic Bond  A	6,387,689	1.36%	0.00%	0.58%	0.00%	-0.04%	0.28%	2.18%

#### Global Bonds, Bundled, OCF



### Global Bonds, Bundled, OCF ex-AMC



Full Sector Summary Statistics	Fitz Classification	AvgAUM(US\$)	Mgmt%	Admin%	Custody%	LuxTax %	Subsidy%	AllOthers	OCF%
Average	Global Bonds	1,277,065,503	1.02%	0.14%	0.03%	0.03%	-0.01%	0.16%	1.37%
25 <sup>th</sup> Percentile	Global Bonds	44,982,982	0.72%	0.14%	0.00%	0.00%	-0.10%	0.04%	0.82%
Median	Global Bonds	86,370,712	0.85%	0.23%	0.00%	0.00%	0.00%	0.10%	1.18%
75 <sup>Th</sup> Percentile	Global Bonds	245,817,286	1.08%	0.27%	0.05%	0.05%	0.00%	0.17%	1.49%
ZZZ - Global Income Conservative  A	Global Bonds	8,707,715	1.00%	0.17%	0.00%		0.00%	0.07%	1.30%



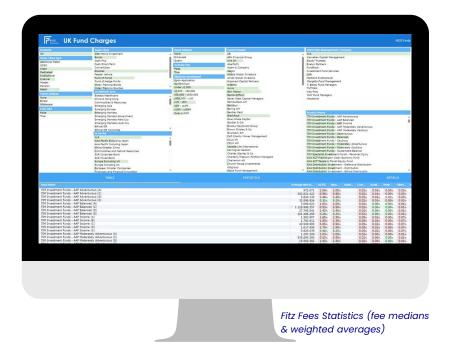
Unique Detailed Fund Share Class Fees available on your desktop



Filter-It allows quick and precise filtering by share class types, fee structures, products, promoters, asset class, investment area, domicile, minimum investment etc...

Extract-All details returned after filtering can be easily downloaded as a spreadsheet.

Search-it allows searches by ISIN codes, fund names or part of fund names.



Display in three separate tabs.

**Table**: all our fees are displayed at share class level and colour-coded according to their position compared to weighted averages of all similar share classes (share type, asset class and investment area).

**Statistics**: instant delivery, according to your chosen filters, of weighted means and medians for all fee categories by share type, asset class and investment area.

**Details**: delivers printable Fitz Fees Fact Sheet for any fund; listing all fee related details for a given share class.



Field Names	Fitz Partners Fund Charges Field Names Definitions (1/4)
Promoter Name	The fund promoter is the entity that launches the investment fund and determines its business profile.
Promoter Origin	The country of origin of the promoter.
Third Party Management Company	The third party management company (where applicable) is the entity responsible for providing core management functions and regulatory oversight.
Domicile	The term domicile refers to the jurisdiction in which the fund has been set up (eg: Luxembourg, Dublin, UK)
Umbrella Name	The umbrella fund is a collective investment scheme established by a promoter that exists as a single legal entity but contains several distinct sub-funds, which are traded as individual investment funds.
ProductName	The name of the Product (or sub-fund). Filtering on this Product name will return all Share classes for a particular sub-fund.
Fund Name	The name of the fund, labelled with share class names. Subfunds are often broken into share classes - Fitz Partners would create separate share classes when those share classes have a difference in fee structures.
Fund/Class Type	These are the share class types labelled according to Fitz Partners' own class types: Retail, Additional Retail, Clean, Institutional, Contingent Deferred Sales Charge (CDSC), Dedicated, Master, Pension, ETF & Internal.
CleanSubType	An additional filter to differentiate Clean Sub Types ('Wholesale' or 'Direct')
Min Inv(US\$)	Describes the minimum investment in US\$ for this share class, which has been converted if stated in another currency
Fixed Fee	Defines a fee structure that is considered 'fixed'. Either all-in management fee or management fee and fixed administration fee. For these share classes, we would expect the OCF to stay at the same level over several consecutive years. This filter can additionally be used to filter on funds without a fixed fee for true cost analysis
Total Cap	Describes the presence of a cap on total expenses (TER or OCF).
Admin Cap	Describes a cap on administration fees.
Early Bird	Describes a share class that is designed for early investors. This share class may close or change fee structure after a predetermined period or when the share class reaches a pre-determined asset size.
Fund ID	Fitz Partners' unique identifier.
AssetClass	Describes the particular type of assets which the fund invests into. Asset classes are based on the review of funds' portfolios disclosed in their audited accounts. Fitz Partners employs a threshold of 80% to classify a specific asset class
Asset Subtype	Describes a "third pillar" in investment style in between fully active and passive portfolio management. This filter highlights active funds using Quant techniques ("Quant") and tracking funds that aim to enhance an index ("Enhanced").
Investment Area	Fitz Partners classify a funds' investment area according to the sector or region in which it invests. Our general rule is a threshold of 80% in order to be classified as a particular investment area.
Report Type	Indicates whether the financial report used for our fee calculations is annual (A) or semi-annual (S). The vast majority of Fitz Partners calculations are based on audited annual reports.
Report Date	The fiscal year-end date of the audited accounts on which Fitz Partners fee calculations are based.



Field Names	Fitz Partners Fund Charges Field Names Definitions (2/4)
Latest TER	An identifier of historical and current fee data. "Latest" would indicate that the calculations are the latest available, "Supp" identifies historical data series, which allows for 'Year on Year' analysis.
Accounting Year	The accounting period (year-end) on which the calculations have been made.
Days	The number of days covered by the accounts on which the fee calculations have been made. NB: Fitz Partners would not calculate fees for share classes that have been running for less than 90 days.
Closing Net Assets(US\$)	Net asset value in US\$ as of the funds accounting year end.
Average Net Assets(US\$)	Average Net Asset Value in US\$ on which fee calculations have been based.
Net Flow (US\$)	(Subscription - Redemption) - the Net Cash flow is mainly used to explain and support a larger or smaller than expected difference between the closing TNA and the average TNA.
Mgmt%	Describes share class management fee.
Admin%	Describes fund administration costs. These may include registration fees, valuation fees, accounting fees, transfer agency fees or shareholder servicing fees.
Custody%	Describes custody costs. These may include custodian and trustee fees and any handling charges.
Audit%	Describes audit costs and supervisory fees.
Professional%	Describes professional costs, these may include legal fees and other professional fees.
Distribution% ^	Describes distribution costs as a percentage of the average net assets charged as a stand alone separate fee.
Taxe d'a bonnement% ^	The subscription tax paid by funds domiciled in Luxembourg as a percentage of average net asset value.
Other%	Describes any other costs charged to cover expenses as a percentage of the average net asset value. These may include insurance, regulatory fees, marketing fees, agents fees and other expenses. This does not include any performance fees, brokerage fees, custody transaction fees or any capital expenses such as: bank or loan interest.
Subsidy%	Describes the percentage of the average net asset value that has been reimbursed to the fund, possibly due to the asset manager waiving some or all management fees or any other fees or reimbursing fees that would have gone over a set fee cap.
TER%	The 'Total Expense Ratio' - the cost of management, administration, custody, audit and professional fees, and 'other' fees netted with any subsidies - calculated as a percentage of the net asset value. Note that this might not include custody transaction fees. Any brokerage fees or performance fees would be excluded from the TER also.
Cust Transaction%	Describes the percentage of the average net assets charged to cover custody transaction fees (handling charges) when disclosed outside the custody expenses.
OCF%	The 'Ongoing Charges Figure' - all of the costs taken into account in the total expense ratio plus any custody transaction fees, calculated as a percentage of the total net asset value of the share class. The OCF excludes brokerage, performance or stock lending fees.
Brokerage% ^	Describes known brokerage costs as a percentage of the average net asset value.



Field Names	Fitz Partners Fund Charges Field Names Definitions (3/4)
Performance%	Describes the performance fee charged for the current period as a percentage of the average net asset value of the share class.
TER% + Performance%	Bundle fee metric including total expenses and performance fees (Switzerland).
Securities Lending%	Describes securities lending expenses/stock lending expenses as a percentage of the average net asset value.
Report Currency	The currency in which figures are reported in the financial statements.
Mgmt Fee (US\$)	The management fee charged in total for this share class in US\$.
Subtotal Admin (US\$)	The subtotal administration fee charged in total for this share class in US\$.
Subtotal Custody (US\$)	The subtotal custody fee charged in total for this share class in US\$.
Audit Fee (US\$)	The audit fee charged in total for each share class in US\$.
Subtotal Professional (US\$)	The subtotal professional fee charged in total for each share class in US\$.
Dist Fee (US\$) ^	The distribution fee charged for each share class in US\$.
Taxe d'abonnement (US\$) ^	The subscription tax paid by funds domiciled in Luxembourg in US\$.
Subtotal Other(US\$)	The subtotal of all other fees (excluding brokerage, performance and custody transaction fees) charged in total for each share class in US\$.
Subsidy (US\$)	Fee reimbursements in US\$.
Effective Total (US\$)	The total of the fees used to calculate the total expense ratio, in US\$ for each share class.
Cust Transaction (US\$)	The custody transaction fee charged for each share class in US\$.
Brokerage (US\$) ^	The brokerage fee charged in total for each share class in US\$.



Field Names	Fitz Partners Fund Charges Field Names Definitions (4/4)
Perf Fee (US\$)	The performance fee charged for each share class in US\$.
Sec Lending (US\$)	The securities lending expenses for each share class in US\$.
Short Period	Identifies when a fund has been active for less than 185 days. Fitz Partners does not calculate fees for funds which have been running for less than 90 days.
Perf In Place?	Identifies the existence of a performance fee structure, even when no fee has been charged in the accounting period.
Min Inv Ccy	The currency in which the minimum initial investment amount is stated for this share class.
Min Inv (Ccy)	The minimum initial investment amount for this share class.
US \$ Rate	The FX rate used: US\$ / report currency.
Latest Mgmt%	The latest percentage management fee charged at the end of the reporting period. This is particularly relevant if the fee has been changed during the year.
Projected TER%	This is the projected TER calculated by taking the latest management fee percentage into account, and assuming that everything else (levels of non-management expenses and subsidies) remain unchanged.
The IA sector ^^	Describes the sector the IA has selected in which this fund would fall under.*
The IA nominated class^^	This identifies "The IA nominated" share class. The primary share class for performance comparison by The IA (UK Investment Association) is chosen to be the highest charging (as measured by OCF) share class that is freely available via third-party distributors*.
Administrators	The administrator is the firm disclosed in the annual audited accounts or prospectus in charge of delivering fund administration during the given accounting year as defined above.
Custodians	The custodian is the firm disclosed in the annual audited accounts or prospectus responsible for safeguarding the securities owned within the fund during the given accounting year as defined above.
Legal Advisors	The legal advisor is the firm disclosed in the annual audited accounts or prospectus in charge of delivering legal services during the given accounting year as defined above.
Auditors	The auditor is the firm disclosed in the annual audited accounts or prospectus in charge of auditing the fund accounts during the given accounting year as defined above.

