

ETF Tools and Reports

USER GUIDE

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1 Introduction

Welcome to our Guide to using Morningstar Exchange Traded Fund ('ETF') Tools & Reports on Davy.ie. Morningstar is a leading provider of third party information and has developed a comprehensive financial database on a range of global investments. While the information has been designed for ease of use, nevertheless it still contains a vast amount of detail. Our ETF User Guide shows you what information you will find in the database, where it is located, and gives you some ideas on how you might wish to use it to better inform your investment decisions.

This Guide should be read in conjunction with the **Morningstar Glossary**, which clearly explains the terminology used by Morningstar in their screening tools. Links to the Morningstar Glossary are available on both the Advanced Screener and the ETF Report page and it can also be accessed by [clicking here](#).

While the platform provides access to a comprehensive list of ETFs, it is not intended to provide information on every ETF available in the market. You should be aware that you are screening from a subset of ETFs chosen by Davy. This list will be reviewed on an ongoing basis, with new ETFs added and others deleted, at the discretion of Davy.

2 Screening ETFs

2.1 What are Screeners?

Screeners allow you to search for ETFs based on a set of chosen criteria. There are two types of screeners available:

Quick Filter	Allows you to quickly screen ETFs based on a limited set of criteria.
Advanced Screener	Allows you to build a more detailed set of criteria and to screen ETFs which match those criteria.

2.2 Why use Screeners?

You can use Morningstar Screeners to help you to find investments that meet your personal investment requirements.

For example, you might want to view all Global Equity ETFs, in all currencies, with a Morningstar Rating¹ of 3 stars or better and a low Morningstar Risk². Or you might want to view all ETFs, in Euro and with a Morningstar Rating of 5 stars.

With the Morningstar screeners, this can be done quickly and easily using the Quick Filter and Advanced Screeners.

2.3 Using the Quick Filter

To Quick Filter ETFs, go to 'Tools and Reports' and choose 'ETFs'. The default search will be the Quick Filter.



¹ Please refer to Section 4.1 for an explanation of Morningstar Rating.

² Please refer to Section 4.2 for an explanation of Morningstar Risk.

2.4 Quick Filter Criteria

The three search criteria under the Quick Filter are:

- A** ETF Provider
- B** Davy Category³
- C** Search on Word (ETF name, International Securities Identification Number [ISIN] or ticker)

The screenshot shows the 'ETF Investment Reports' page with the 'Quick Filter' tab selected. The 'ETF Quick Filter' section contains three dropdown menus: 'ETF Provider' (set to 'All Companies'), 'Davy Category' (set to 'All Categories'), and 'Search On Word' (with the placeholder text 'Enter name, ISIN or ticker'). A 'Search' button is located below these fields and is highlighted with a pink box and an arrow labeled 'Search Button'.

Once you have chosen your Quick Filter criteria, hit the Search button to return all ETFs which meet your chosen criteria.

2.5 Quick Filter Results

Any ETFs which meet the criteria chosen in the ETF Quick Filter will be shown in a list beneath the three fields **A**:

The screenshot shows the 'ETF Investment Reports' page with the 'Quick Filter' tab selected. The 'ETF Quick Filter' section shows 'ETF Provider' set to 'iShares', 'Davy Category' set to 'Emerging Markets Bonds', and 'Search On Word' set to 'Enter name, ISIN or ticker'. Below the filter, there are tabs for 'Snapshot', 'Short Term Performance', 'Long Term Performance', 'ETF Profile', 'Fees', and 'ETF Info'. The 'Snapshot' tab is active, showing a table of results. The table has columns for ETF Name, Davy Category, Morningstar Rating, YTD Return, Last Price, and Last Price Date. Three results are shown, all for iShares JPMorgan \$ Emerging Markets Bonds. A pink box highlights the first three rows of the table, and a pink arrow labeled 'A' points to the first row.

ETF Name	Davy Category	Morningstar Rating™	YTD Return %	Last Price	Last Price Date
iShares JPMorgan \$ Emerging Markets Bond...	Emerging Markets Bon...	★★★★	-2.41	106.33 USD	09/08/2011
iShares JPMorgan \$ Emerging Mrkt Bd (DE) ...	Emerging Markets Bon...	★★★★	-4.42	74.60 EUR	09/08/2011
iShares JPMorgan \$ Emerging Mrkt Bd (DE) ...	Emerging Markets Bon...	★★★★	-4.54	76.17 EUR	08/08/2011

Total Results: 3 View: 20 per page 1-3 of 3

Each column of data (except for the Last Price column) in each tab can be sorted, using the small arrows beside each heading. Further detailed ETF information can be obtained by clicking on the ETF Name to access the ETF Report (please refer to Section 3 for more information on reports).

³ Please refer to Section 4.3 for an explanation of Davy Category.

The default view tab is the Snapshot tab **B**. The Snapshot tab allows you to sort by ETF Name, Davy Category, Morningstar Rating, Year-to-Date Return and Last Price Date, using the small arrows beside each heading.

You can also view the ETFs under the following tabs:

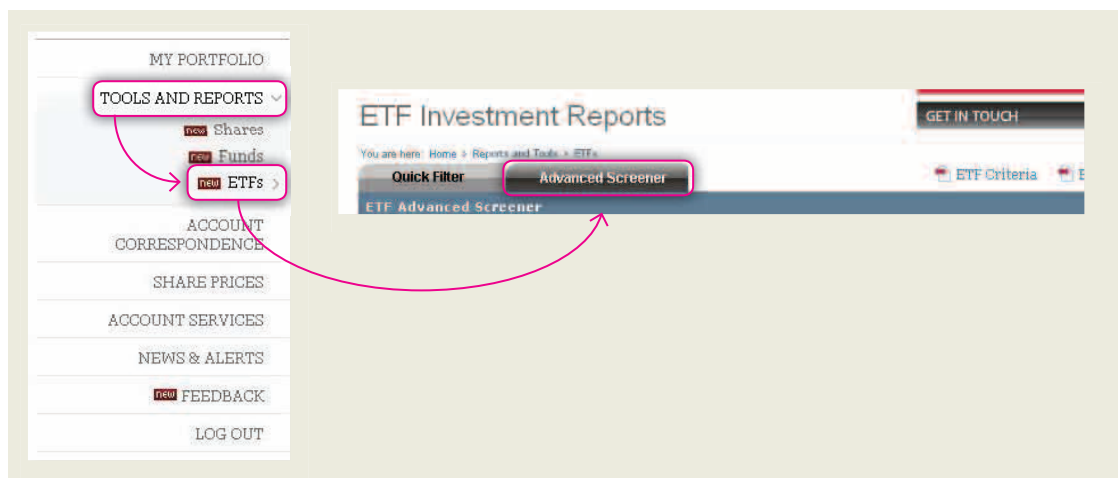
- C Short Term Performance:** sort ETFs by ETF Name; YTD Return; 1 Day Return; 1 Week Return; 1 Month Return; 3 Month Return and 6 Month Return.
- D Long Term Performance:** sort ETFs by ETF Name; Morningstar Risk, 3 Year Volatility; Year-to-Date Return; 1 Year Return; 3 Year Return; 5 Year Return and 10 Year Return.
- E ETF Profile:** sort ETFs by ETF Name; Equity Style Box; Bond Style Box; Average Market Capitalisation; Total Assets; Average Credit Quality and Average Duration.
- F Fees:** sort ETFs by ETF Name and Annual Management Charge. Other charges will apply but they are not considered by this filter.
- G ETF Info:** sort ETFs by ETF Name and Inception Date. Where available, the following documents can be accessed under the ETF Info tab: Prospectus; Simplified Prospectus; Supplements; Key Investor Information Documents; Annual Report and Semi-Annual Report.



Please refer to the **Morningstar Glossary** for a definition of some of the terms used above. The Morningstar Glossary can be accessed by [clicking here](#).

2.6 Using the Advanced Screener

Alternatively, to use the Advanced Screener for ETFs, go to 'Tools and Reports', choose 'ETFs' and choose the 'Advanced Screener' tab.



2.7 Advanced Screener Criteria

The ETF Advanced Screener is split into four sections:

- A ETF Type** – filter by the ETF provider, the categorisation of the ETF and/or the Currency.
- B ETF Performance & Risk** – filter by the Morningstar Rating or Risk as well as by historical returns.
- C ETF Portfolio** – use the Morningstar Style Box graphic to filter by the portfolio type, simply click on the appropriate section of the style box to include those types of ETFs in the results. You can also filter by the Total Net Assets of the ETFs in this section.
- D ETF Fees & Purchase Details** – this section consists of a Total Expense Ratio filter tool. Other fees may apply.



Please refer to the **Morningstar Glossary** for a definition of some of the terms used above. The Morningstar Glossary can be accessed by [clicking here](#).

To collapse or expand any of the four sections, simply click on the section title.

A ETF Type

The Advanced Screener for ETFs helps you to define more criteria from which to choose the ETFs that may best suit your needs. ETFs may be screened by ETF Provider, Davy Category, Morningstar Category⁴ and Currency.

B ETF Performance & Risk

This allows you to screen based on a set of performance and risk preferences.

The Morningstar Rating is based on a fund's performance against its Morningstar Category, adjusting for risk and sales charges. The top 10% of each Morningstar Category receive five stars, the next 22.5% four stars, the middle 35% three stars, the next 22.5% two stars, and the bottom 10% one star.

ETFs are rated for up to three time periods: three, five, and ten-years and these ratings are combined to produce an overall rating. Funds with less than three years of history are not rated.

Ratings are objective, based entirely on a mathematical evaluation of past performance. Since past performance is not indicative of future results, it is not prudent to rely solely on ratings of funds. They are a useful tool for identifying funds worthy of further research, but should not be considered to be buy or sell signals.

Morningstar Risk is designed to evaluate variations in a fund's monthly returns in comparison to its Morningstar Category. The greater the variation, the larger the risk score. You can also use standard deviation to screen by fund volatility. It is also possible to screen based on the historic return criteria.

C ETF Portfolio

The Equity Style box allows you to select the average market cap and investing style of funds for your research. Are you interested in large-cap, mid-cap, or small-cap? Are you a value, blend, or growth investor?

The Fixed-Income Style Box combines interest rate sensitivity (short, intermediate and long) and credit-quality (high, medium and low).

The Total Net Assets bar is useful in gauging a fund's size, agility and popularity. Use the sliders on the bar to select the range.

D ETF Fees & Purchase Details

ETF costs can negatively impact the performance of your funds.

The Total Expense Ratio is the percentage of ETF assets paid out of operating expenses, management and administrative fees as well as all other asset based costs incurred by the ETF. ETF expenses are reflected in an ETF's NAV or bid and offer price. These fees may not be comprehensive and do not include Davy fees.

The screenshot displays the 'ETF Advanced Screener' interface with the following sections:

- ETF Type:** Includes dropdowns for 'ETF Provider' (All Companies), 'Davy Category' (All Categories), 'Morningstar® Category' (All Morningstar Categories), and 'Currency' (All Currencies).
- ETF Performance & Risk:** Features checkboxes for 'Morningstar Rating™' (1-5 stars), 'Morningstar Risk (Rel to Cat)' (Low, Avg, High), and '3 Yr Standard Deviation' (Low, Moderate, High). It also has dropdowns for 'Return %' over 1, 3, 5, and 10 years.
- ETF Portfolio:** Contains 'Morningstar Style Box™' with 'Equity' and 'Fixed-Income' sub-sections, and a 'Total Net Assets (EUR)' slider ranging from 0 to 3 Bil.
- ETF Fees & Purchase Details:** Includes a 'Max Total Expense Ratio' slider ranging from 0.00 to 2.00.

Summary buttons at the bottom include 'Total Results: 191', 'Reset & Search Buttons', 'Reset', and 'Search'.



Please refer to the **Morningstar Glossary** for a definition of some of the terms used above. The Morningstar Glossary can be accessed by [clicking here](#).

As you refine your search criteria, the 'Total Results' field **E** will automatically update and display the number of ETFs which meet the criteria you are setting. Once you have chosen and entered your criteria values, hit the Search button to return all ETFs which meet your chosen criteria. If you have made a mistake with the criteria chosen or any of the values entered, simply hit the Reset button to begin your search again.

⁴ Please refer to Section 4.4 for a definition of Morningstar Category.

2.8 Advanced Screener Results

Any ETFs which meet the criteria chosen in the Advanced Screener will now be displayed **A**. If you are not happy with the ETFs returned or the criteria selected, simply hit 'Change criteria' **B** to go back to the Advanced Screener page to change your criteria.

The screenshot shows the 'ETF Advanced Screener' interface. At the top, there are tabs for 'Quick Filter' and 'Advanced Screener', along with links for 'ETF Criteria' and 'ETF User Guide'. Below the tabs is a search bar with a 'Change criteria' button, highlighted by a red circle and labeled 'B'. The main content area displays a table of results with columns for 'Snapshot', 'Short Term Performance', 'Long Term Performance', 'ETF Profile', 'Fees', and 'ETF Info'. The table lists two ETFs: 'Lyxor ETF MSCI Korea A EUR' and 'Lyxor ETF MSCI Malaysia A EUR'. The first row is highlighted by a red circle and labeled 'A'. At the bottom, it shows 'Total Results: 2' and 'View: 20 per page'.

ETF Name	Devy Category	Morningstar Rating™	YTD Return %	Last Close	Last Price	Last Date
Lyxor ETF MSCI Korea A EUR	Asian Equity	★★★★	-17.45%	32.46 EUR	09/08/2011	
Lyxor ETF MSCI Malaysia A EUR	Asian Equity	★★★★	-7.79%	12.44 EUR	09/08/2011	

The ETFs listed can also be viewed using the same tabs as the Quick Filter (please refer to Section 2.5 for more details).

A detailed report is available to view for each ETF which meets the Advanced Screener criteria set. Please refer to Section 3 for more information on reports.

3 ETF Reports

3.1 Using Reports

Once you have found ETFs which meet your specified criteria using the Quick Filter or the Advanced Screener, a wide range of information is available to you to analyse through the Morningstar reports.

To view a report on a particular ETF, click on the ETF from the results list from either your Quick Filter or Advanced Screener search.

3.2 Content of Reports

There are several tabs available in each ETF report, each containing a range of information:

A Overview

View the following summary information relating to the ETF:

- ▶ Investment Objective
- ▶ Performance History
- ▶ Key Stats
- ▶ Trailing Returns
- ▶ Benchmark
- ▶ Portfolio Profile

B Performance

View the following performance information relating to the ETF:

- ▶ A price chart detailing the historic performance of a nominal sum
- ▶ Annual Total Returns
- ▶ Trailing Total Returns
- ▶ Quarterly Returns

C Risk and Rating

View the following risk & rating information relating to the ETF:

- ▶ Morningstar Rating
- ▶ Volatility Measurements
- ▶ Modern Portfolio Statistics
- ▶ Return/Risk Analysis

D ETF Profile

View the following profile information relating to the ETF:

- ▶ Investment Style Detail
- ▶ Asset Allocation
- ▶ World Regions
- ▶ Sector Weightings
- ▶ Top 10 Holdings

E Management

View the following management information relating to the ETF:

- ▶ Management overview, including company name, address & contact details and fund advisor(s)

F Fees

View the following fee information relating to the ETF:

- ▶ Fees and Expenses
 - ▶ Purchase Details
- These fees may not be comprehensive and do not include Davy fees.

G ETF Info

Investors are reminded to read and understand the information provided here prior to investing in any ETF. View the following documents relating to the ETF:

- ▶ Prospectus
- ▶ Simplified Prospectus
- ▶ Supplement
- ▶ Key Investor Information Document (KIID)
- ▶ Annual Report
- ▶ Semi-Annual Report

ETF Investment Reports GET IN TOUCH

You are here: Home > Reports and Tools > ETFs

Quick Filter Advanced Screener ETF Criteria ETF User Guide

Morningstar® Fund Report™

Lyxor ETF MSCI Korea A (EUR) KRWF

Overview Performance Risk and Rating ETF Profile Management Fees ETF Info

Morningstar® Fund Report™ | 10/08/2011

Investment Objective

The Lyxor ETF MSCI Korea seeks to track the performance of the MSCI KOREA while insofar as possible minimising the tracking error between the Lyxor ETF MSCI Korea's performance and that of the MSCI KOREA

Performance History 30/06/2011

Growth of 1,000 (EUR)

Year	2007	2008	2009	2010	2011
Fund	13.4	-52.9	63.9	37.0	-1.4
+/-Cat	-9.6	-0.3	10.0	3.9	-2.9
+/-Idx	-5.5	0.0	-2.1	1.5	-1.6

Key Stats

Morningstar® Category	Morningstar Rating
Korea Equity	★★★
ISIN	FR0010361691
Bid (21/07/2011)	EUR 40.51
Offer (21/07/2011)	EUR 40.51
Total Net Assets (mil)	146.47 EUR
Annual Management Charge	0.65%
Inception Date	23/09/2006
Exchange Name	EURONEXT PARIS S.A.
Benchmark	MSCI Korea NR KRWF
Fund Benchmark	MSCI Korea NR KRWF
Morningstar® Benchmark	MSCI Korea NR USD

Category: Korea Equity
Index: MSCI Korea NR USD

Trailing Returns 21/07/2011

Instrument	Fund	+/-Idx
Fund	+/-Idx	+/-Idx

Portfolio Profile 30/06/2011

Morningstar Style Box®

Equity Style

Value	Blend	Growth	Style
Value	Blend	Growth	Style

Asset Allocation %

	% Long	% Short	% Net Assets
Stocks	96.06	0.00	96.06
Bonds	0.00	0.00	0.00
Cash	0.00	0.00	0.00
Other	3.94	0.00	3.94

Top 5 Regions

Region	%
Asia - Developed	100.00
United States	0.00
Canada	0.00
Latin America	0.00
United Kingdom	0.00

Top 5 Sectors

Sector	%
Technology	25.74
Consumer Cyclical	20.63
Basic Materials	15.97
Industrials	15.69
Financial Services	13.81

Top 5 Holdings

Company	%
Samsung Electronics Co., Ltd.	14.70
Hyundai Motor Company Ltd. GDR	5.86
Posco ADR	4.82
Hyundai Mobis	4.26
LG Chem Ltd. GDR	3.58

⊕ Increase ⊖ Decrease ↻ New since last portfolio



Please refer to the **Morningstar Glossary** for a definition of some of the terms used above. The Morningstar Glossary can be accessed by [clicking here](#).

4 Important Terms

4.1 Morningstar Rating

The Morningstar Rating is based on a fund's performance against its Morningstar Category, adjusting for risk and sales charges. The top 10% of each Morningstar Category receive five stars, the next 22.5% receive four stars, the middle 35% receive three stars, the next 22.5% receive two stars and the bottom 10% receive one star.

Funds are rated for up to three time periods: three, five, and ten-years and these ratings are combined to produce an overall rating. Funds with less than three years of history are not rated.

Ratings are objective, based entirely on a mathematical evaluation of past performance. Since past performance is not indicative of future results, it is not prudent to rely solely on ratings of funds. They are a useful tool for identifying funds worthy of further research, but should not be considered to be buy or sell signals.

4.2 Morningstar Risk

It is an assessment of the variations in a fund's monthly returns, with an emphasis on downside⁵ variations, in comparison to similar funds.

In each Morningstar Category, the 10% of funds with the lowest measured risk are described as Low Risk, the next 22.5% are described as Below Average Risk, the middle 35% are described as Average Risk, the next 22.5% are described as Above Average Risk and the top 10% are described as High Risk.

Morningstar Risk is measured for up to three time periods (three, five, and ten-years). These separate measures are then weighted and averaged to produce an overall measure for the fund. Funds with less than three years of performance history are not rated.

4.3 Davy Category

Davy categorises shares, funds and ETFs and other investment securities broadly into the following asset classes: equities, bonds, alternatives and cash and more specifically into sub-groups within these asset classes.

The sub-group to which an individual instrument is assigned is based on the instrument possessing similar characteristics, such as: behaving similarly in the marketplace, similar geographic location, similar risk levels and being subject to the same laws and regulations.

4.4 Morningstar Category

The Morningstar category is assigned based on analysis of the investment objective and the underlying securities in each portfolio.

Morningstar categories are intended to help investors make meaningful comparisons between ETFs. The categories are designed to assist in building well-diversified portfolios, by assessing potential risk, and by identifying top-performing ETFs. Morningstar places ETFs in a particular category based on their investment objective and their portfolio statistics and compositions over the past three years.

If the ETF is new and has no portfolio history, Morningstar assigns the category using the investment objective, before re-assessing the assignment once the full portfolio holdings of the fund are received, which usually occurs once the ETF is three months old. Morningstar may change a category assignment based on recent changes to the portfolio.

⁵ Downside refers to an estimation of a fund's potential to suffer a decline in price if the market conditions turn bad.

5 Important Information

The information, including the screening tools (the "Information"), provided by Davy has been prepared and provided by an independent third party company, "Morningstar". It is not necessarily comprehensive or all inclusive and should be supplemented with other publicly available information, or alternative screening criteria, as appropriate. You are responsible for interpreting and analysing the Morningstar information and for reviewing any information provided online by the individual third party ETF providers. You should ensure that you fully understand the information before making any investment decisions. Davy cannot accept any responsibility for the quality or accuracy of the information provided or for any investment decision which may be made by you, as a result of using the information or otherwise. The explanations of the proprietary Morningstar data points have been provided by Morningstar.

No information provided on the website can be considered to constitute investment advice. We have not considered your individual circumstances. You are fully responsible for your own investment decisions. The value of your investments can go down as well as up. Past performance is not a guide to future performance.

The ETFs are not managed or controlled in any way by Davy, but have been selected using screening criteria set by Davy. It is not intended that all ETFs available in the market would be considered. We aim to offer a broad range of ETFs covering a wide range of geographies, sectors and investment objectives to ensure that investors have sufficient choice to enable them to construct a portfolio which matches their individual requirements.



The screening tools are intended to act as a guide, but users should be careful not to over rely on them, as each one will have its own limitations and in addition other screening criteria may be more relevant, depending on individual circumstances and preferences.

As with all decisions, there are risks to investing in ETFs. They include, but are not limited to, the following:

- ▶ Investors may not benefit from the same entitlements as if they held the shares directly (e.g. voting rights).
- ▶ Costs can be significant and can be difficult to define precisely. While the annual management charge may be stipulated, other charges may be less visible.
- ▶ Investors cannot control the investments that are made within the ETF. This discretion is held by the Investment Manager appointed by the third-party investment fund provider.
- ▶ Although an ETF may be denominated in a particular currency, underlying investments may be held in other currencies and thus the ETF may be subject to currency moves.

The above list is a summary. Other risks apply. Further information is available from Davy on request.

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