

USER GUIDE EMIS INTELLIGENCE

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USER GUIDE – SYSTEM REQUIREMENTS

EMIS database supports the following browsers. For the best experience, please use the recommended browser versions

Browser	Minimum Version	Recommended Version
Chrome	v14 and above	v21 and above
Opera	v7 and above	vII.6 and above
Internet Explorer	vH	vH
Firefox	v6 and above	v12 and above
Safari	v4 and above	v5 and above

Besides, your browser need to support:

• JavaScript

To access EMIS, JavaScript must be enabled for your browser.

• Cookies

To log in and do customization, cookies must be enabled for your browser.

Adobe Flash Player

To view some charts, including the tutorials, you need to have the latest versions of Adobe Flash Player installed, which is freely available for download from the Adobe website.





I.I. Landing Page

MY EMIS' Dashboard is the default landing page for EMIS. It is designed to help users customise and save favorites, allowing them to keep up with the latest updates on frequently used companies, industries, research, news and publications, providing easy access to favorites:

- Personal profile for each end user to save preference settings;
- Customisable widget content / selection / location / size;
- Recommended content based on your preference;
- Intuitive wizard and tour to help you get quickly acquainted with Dashboard features

MY EMIS

Dashboard



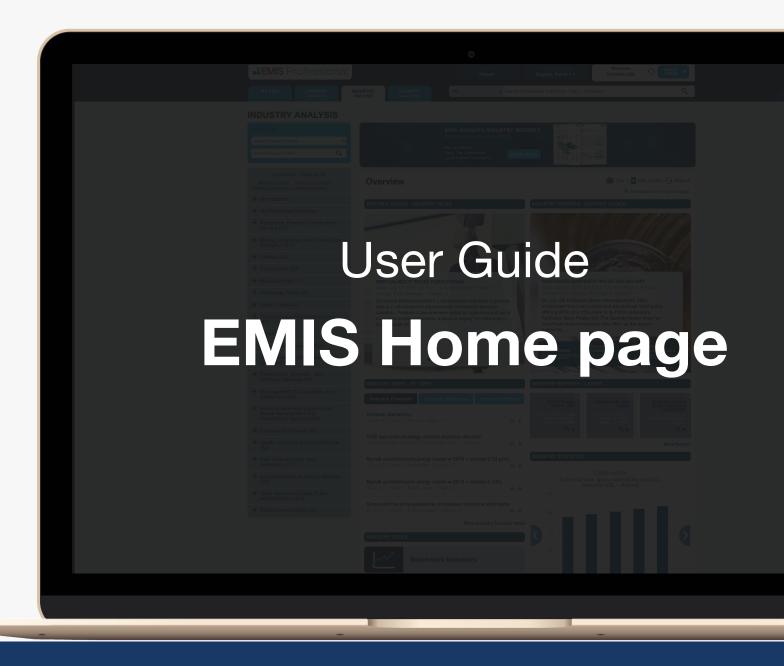
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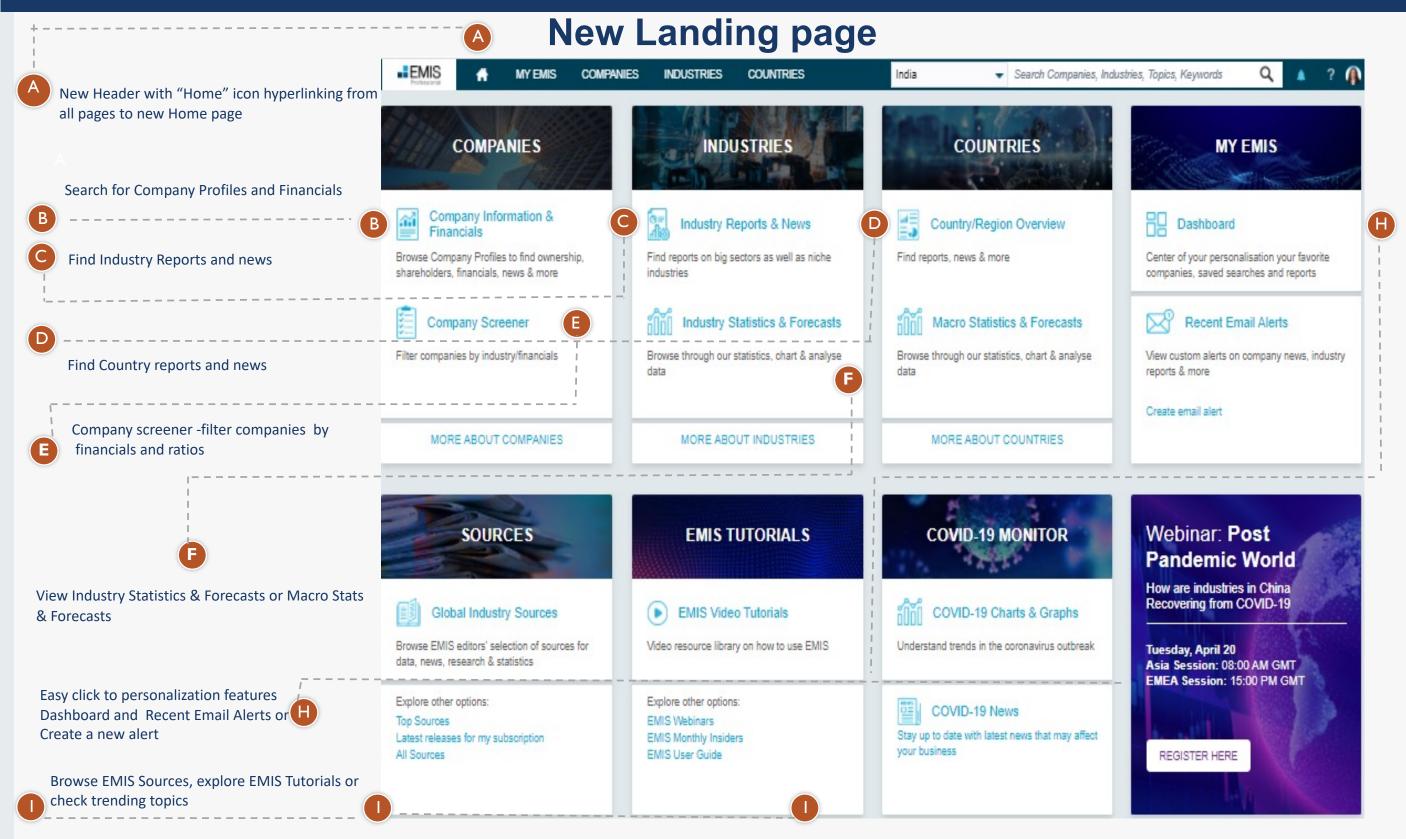






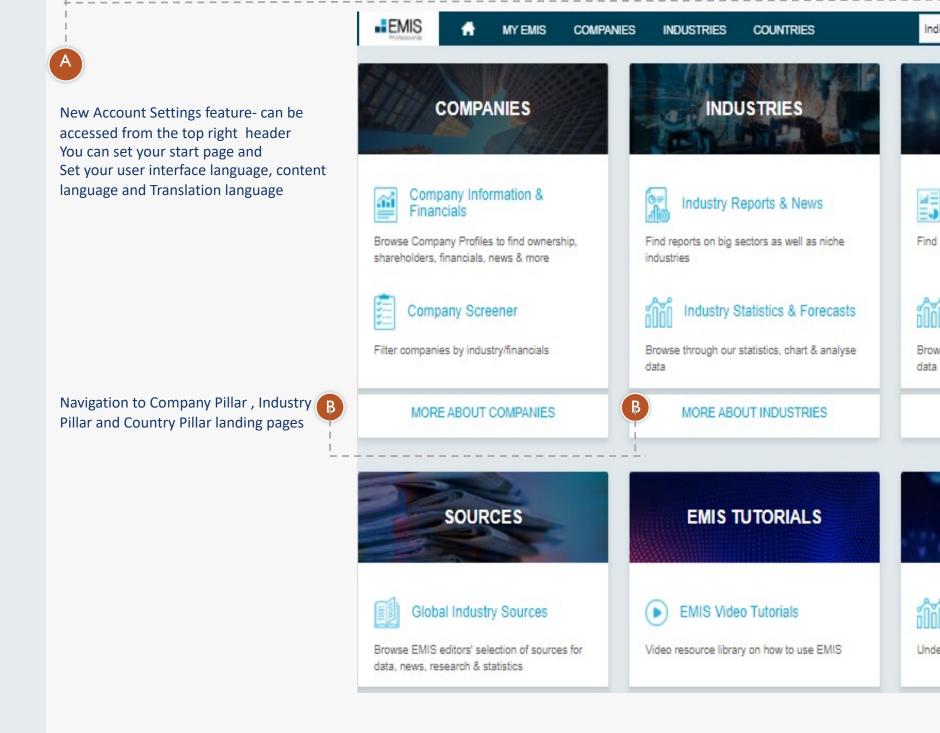


EMIS Home page





EMIS Account Settings

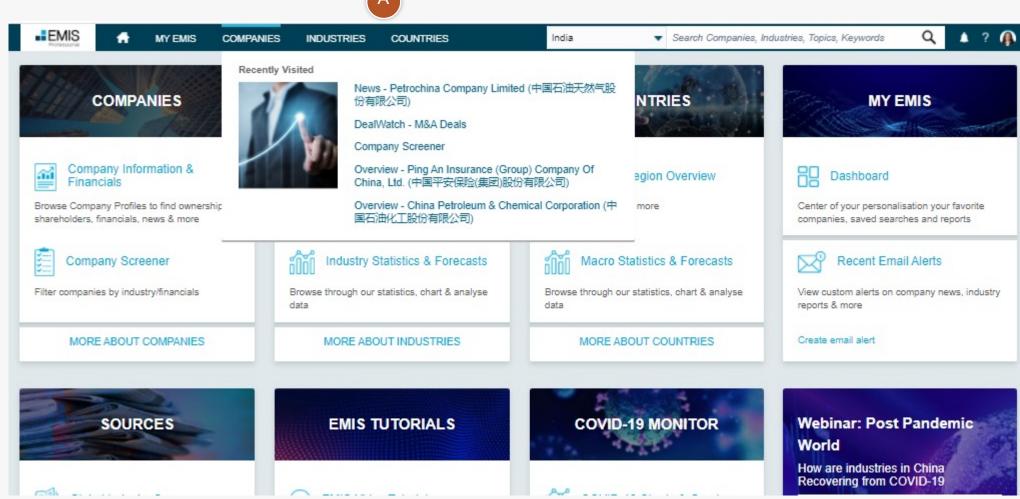


Search Companies, I	Industries, Topics, Keywords 🛛 🔍 🛕 ?
	ninky 🔥
COUNTRIES	Email:
	pshah@isimarkets.com
an - Saacantese oo oo soosada soo 1	Interface Language 😗
Country/Region Overview	English
and news 8 man	Content language 🜖
orts, news & more	Polish
	Translation language 🧿
Macro Statistics & Forecasts	Select
	Start Page 👩
through our statistics, chart & analyse	Home
	Subscribe to EMIS Newsletters
MORE ABOUT COUNTRIES	Unhide post dated news
	Show translated news 0
H 4	Log out
COVID-19 MONITOR	Webinar: Post Pandemic
1974 P. 19	World
	How are industries in China Recovering from COVID-19
COVID-19 Charts & Graphs	
stand trends in the coronavirus outbreak	Tuesday, April 20
stand pends in the coronavirus outpreak	Asia Session: 08:00 AM GMT EMEA Session: 15:00 PM GMT



EMIS Tab Menu

Recently Visited pages that allows users to quickly navigate to last visited pages in Company Profile, Industry Profile and Country Profiles and last used features





I.5 Dashboard Settings



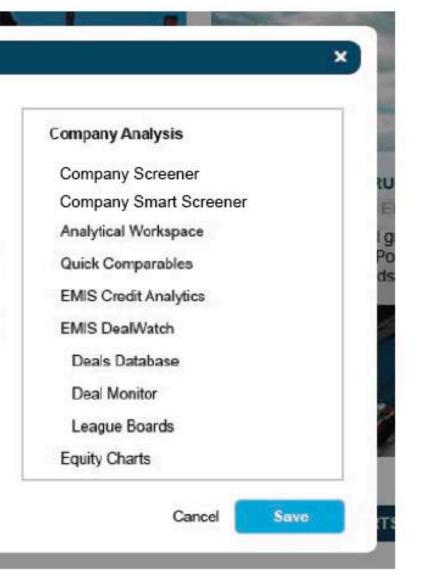
 If you click on the Dashboard Settings button on the top right of the Dashboard, a popup will appear allowing you to change your widget selection and/or preference industry setting.

Customize Quick Links

Company Analysis

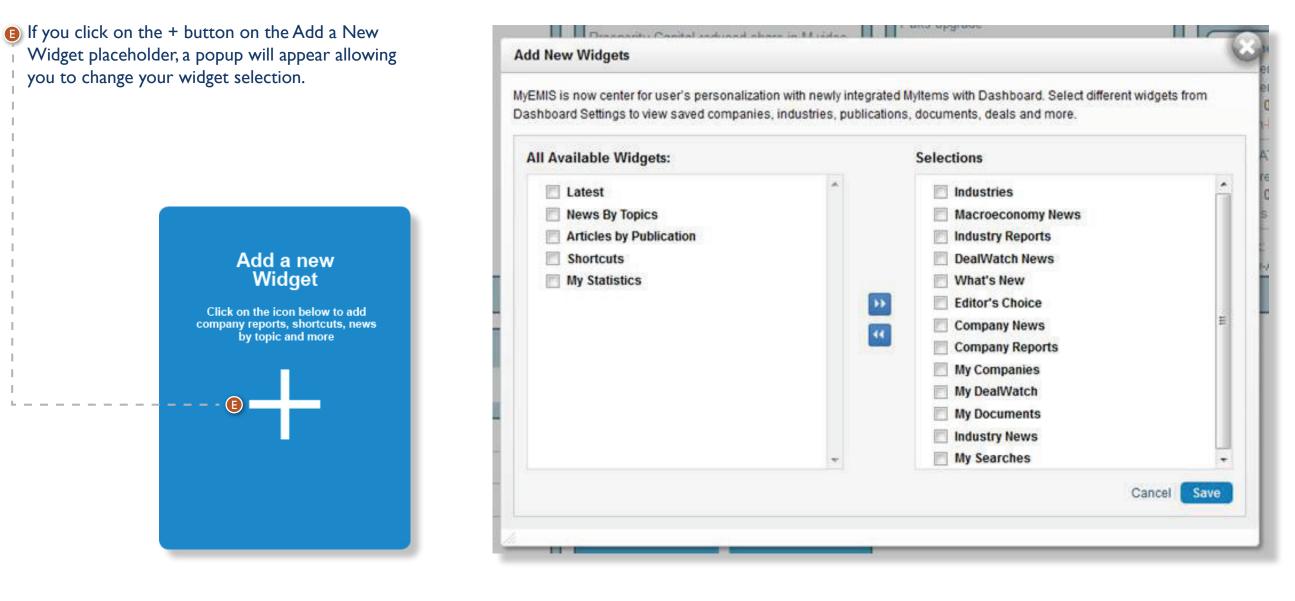
- Company Screener
- Company Smart Screener
- Analytical Workspace
- Quick Comparables
- EMIS Credit Analytics
- EMIS DealWatch
- Deals Database
- Deal Monitor
- League Boards
- Equity Charts





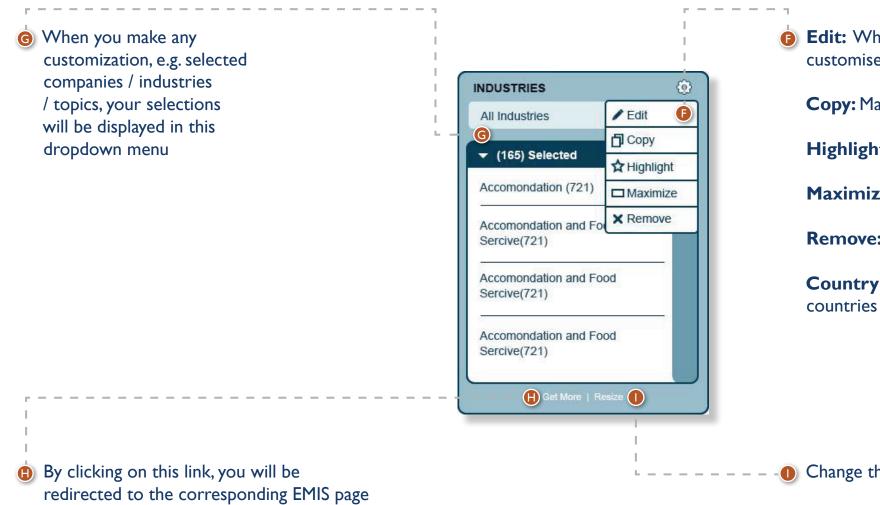


I.6 Add a New Widget





I.7 Widget function



Edit: When the Edit button is active, you can click on it to customise the widget content.

Copy: Make a copy of the widget

Highlight: Highlight the header of the widget

Maximize: Widget content will be displayed in a popup

Remove: Remove this widget from the Dashboard

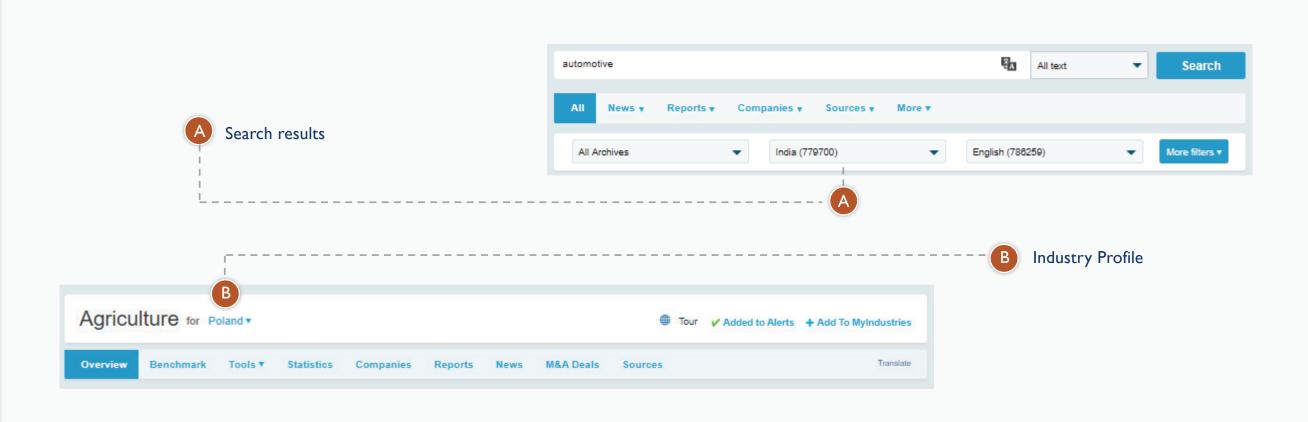
Country dropdown: View content from selected countries

• Change the size of the widget

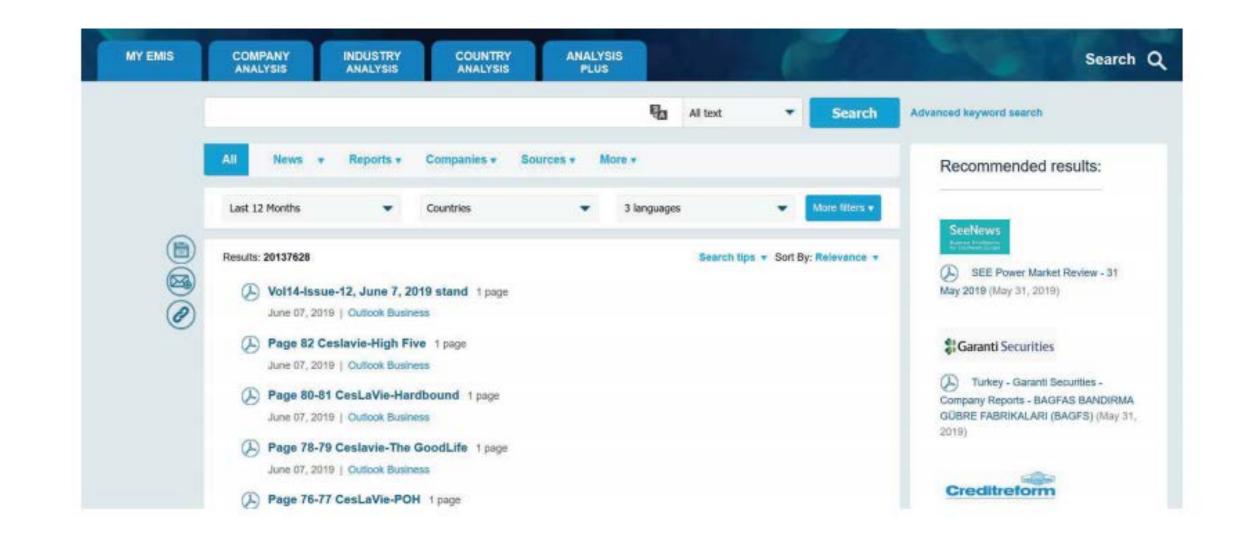


I. COUNTRY SELECTION

If you have a multi country subscription, you can find an option to switch between countries and regions where needed check these examples







Q

I. The Search Bar

Search Companies, Industries, Topics, Keywords

The search bar is available in all tabs of EMIS. The search is done in the full database, so as the result you are likely to see articles, researches, companies and lot more.



I.I Mega Menu Booleans

When ever you click in the search bar, a Mega Menu will appear with some filters y ou can use to make your search more precise.

The contents in the Mega Menu ar

Saved / Latest Searches :

 Here you will see your Saved Searches. By clicking on one of them, you will perform the search. If you have no saved searches, your latest searches wi be visible here. If it is your first search performed, this fed be left blank.

a Menu are:	Search Companies, Industries, Topics, Keywords	۹	B Region
A -	A Q test11	165 Selected	• This dro
our Saved	Q test1		sear sub:
on one of m the	Q hungaryoil	English, Hungarian	¦ you
o saved searches will	Q energytest14	All Archives	repi
s your ed, this	Q brics	Search Title Only	rem you
eu, uns	Q test	E Search	Langua
	Q test	F More filters	• Her
	Q telecom		lang for•
	Q polkomtel		of t case
	Q telecom refined		see Por
	By clicking on More Filters, you will be		mig
	navigated to the Advanced Search	The keywords you	- 🕖 Date R
	page with all filtering options.	searched in the title of the content only	• You pub wan sear
			mor last

- egions and Countries: This is a multi-selection dropdown allowing you to search in all countries of your subscription. By default, all your country settings are represented in the dropdown, but you might add or remove any countries or regions you want.
- anguage: Here you might select the languages of the items you search for. The default is the language of the countries selected (e.g. in case of Russia and Brazil you will see English, Russian and Portuguese languages), but you might remove any of these languages.
- Date Range You can selects here any publication date for which you want to see items in the search. The defaultis Last 12 month, but we rememberyour last choice by cookies.



news, reports, statistics Transformation is always based on your user interface

language

1.1 Mega Menu Booleans

When ever start typing the left pane will be transformed to auto-complete and keyword transformation bok sz.

chin **Keyword Transformation** ^ Set filter: CHINA 165 Selected • If you are starting typing and the last keyword you type Q china construction report matchesa English, Hungarian country/industry/publication china Agriculture report Q type, we will offer you addinga filter instead of the keyword. China Petroleum & Chemical Corporation (中国石油化工股 All Archives E.g. if in the case displayed you 份有限公司) (China) click on Set filter: China, chin Search Title Only China Petroleum & Chemical Corporation (中国石油化工股 will be removed and China will be added as a country filter 份有限公司) (Hong Kong) Search (replacing the currently selected 165 countries) China State Construction Engineering Corporation Limited More filters • Priority order is: (中国建筑股份有限公司)(China) country>publication Ping An Insurance Group Company Of China Limited (中国 type>industry Amongindustries the main 平安保险集团股份有限公司) (Hong Kong) ones are supported(2-3 digit South China Morning Post-G-China NAICS usually. Supported publication types

Auto Complete: When you will type a keyword in the search box, you will get automatic Company, Industry, **Sources and Previous Searches** suggestions If you click on one of them, you will be navigated directly to that pageinstead of the search results.

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B

E.g. if you start typing China, you will get China Petroleum and Chemical Corporation as a suggestion



2. Boolean Search Operators and Search Functionalities

Both within the search bar and in the "Refine Search" view in the results page, you are allowed to use Boolean operators. These are:

Operators	Examples
AND	Using AND means that you want all keywords with AND between them within the search results. So, if y
	AND industry AND growth you will get hits containing all 3 words.
	Please note that AND is the default Boolean operator we use (except in Chinese language, where OR is
	other operators between keywords, we consider that you want to see all keywords in the results. If you
	stance,
	it is equivalent to telecom AND industry .
OR	telecom OR industry
	This search will retrieve articles that contain either the word telecom or industry or both.
NOT	telecom NOT industry
	This search will retrieve articles that contain the word telecom , but not industry .
NEAR	internet nearN banking (where N is an integer)
	This search will retrieve articles that contain Internet within N words (or less) of the keyword
	Banking.
	Note: The N is optional; if omitted, the number 10 is assumed. Values must be 1 or more.
Parentheses	Use parentheses () to separate search operators. Take for instance, a search such as the
0	following:
	(PE OR "private equity") AND ITES
	This search will retrieve articles containing any of the words (phrases) in within the parentheses, and the
*	bank*
	This will retrieve articles containing words derived from bank: bank, banks, banking, banker , etc.
	words.
?	The ? operator will substitute for any character . Use ? to search for words which can be spelled in different
	For example: if you search for organi?ation, the search will retrieve results containing either organisation
%, \$, £, ¥, €, +	These special characters are considered in search, so if you will search for \$100, your search results will
Stemming	When you are doing a single language search, we enable stemming. Stemming means that we find your ke
	and we will search for all keywords with the similar root.
	For example: If you search for manufacturing , you will get results with the following keywords: man
	manufacturer, manufacturers etc.
	If you want to turn off stemming, put your keywords into quotation marks. Stemming is by default turned
	Turkish, Hungarian

you search for **telecom**

is the default), so if you do not add any u type **telecom industry** for in-

ne word ITES.

. It can be used only at the end of

ferent ways.

ation or organization.

vill not contain words without "\$".

keyword's root form

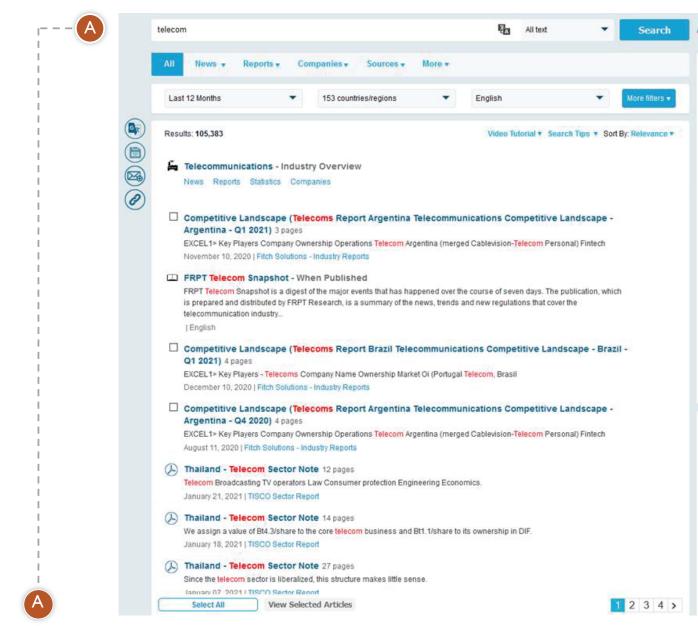
nufacturing, manufacture,

ed off in the following languages:

Please note that if you use any Boolean items in search, those are always treated as Boolean operators and not as keywords unless you put them into quotation marks. E.g. if you search for has not confirmed, you will get results containing has, but not confirmed. If you search for "has not confirmed", you will get articles containing the exact phrase has not confirmed.



3. The Search Results Page



Once you push the search button in the Search Bar, you will be navigated to the Search Results Page. Here next to the number of results you see all the filters you have selected in the Mega Menu. In the search bar you see the keywords you searched for. Below the search bar you see the search results sorted by relevance.



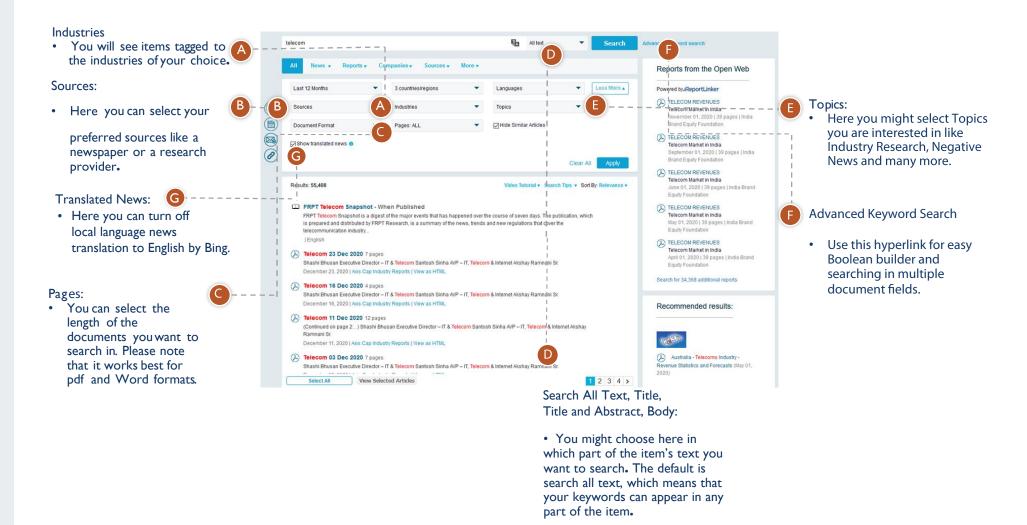
Here you can see free English language reports from the open web. In case you want to see more, click on the link at the bottom of the box.

Recommended results are displayed here.



3.1 The Filters

In the search filters you have all options as in the Mega Menu and in addition to those you have the following options :





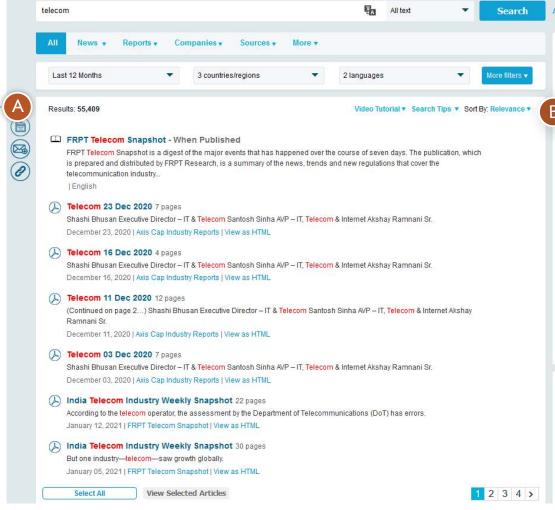
3.2 The Results

The results of your search are grouped by types in tabs.

- By default you will see all results in the "All" tab.
- You may navigate between these tabs if you want to see specific results like

Companies, News etc.

- Only tabs with search results are displayed. If there are no results for statistics, the Statistics Tab is not displayed.
- As many of these types have subtypes as well, you have an additional level of navigation. For instance in the Reports Tab you might choose to display only
 Global Market Research or
 Macroeconomic Reports.
 You might select multiple non-pdf article results and view them.



Advanced keyword search

Reports from the Open Web

Powered by IReportLinker

(A) TELECOM REVENUES

Telecom Market in India November 01, 2020 | 39 pages | India Brand Equity Foundation

TELECOM REVENUES

September 01, 2020 | 39 pages | India Brand Equity Foundation

TELECOM REVENUES Telecom Market in India June 01, 2020 | 39 pages | India Brand

Equity Foundation

Telecom Market in India May 01, 2020 | 39 pages | India Brand Equity Foundation

TELECOM REVENUES
 Telecom Market in India
 April 01, 2020 | 39 pages | India Brand
 Equity Foundation

Search for 34,369 additional reports

Recommended results:



Australia - Telecoms Industry -Revenue Statistics and Forecasts (May 01, 2020) B Results can be sorted by relevance (default), date and other parameters depending on the tab selected.



ADVANCED KEYWORDS SEARCH

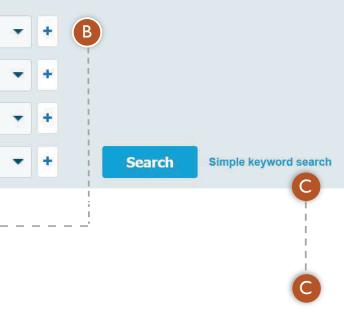
3.3 Easy Boolean Builder

• Here you can build Boolean----queries easily. All of these words means an AND logic between words, At least one of these words is for OR logic, None of these words is for NOT logic and with Exact phrase you can search for exact phrase matches.

All of these words	All text
At least one of these words	All text
None of these words	All text
Exact phrase	All text

Search Multiple Fields

• By using the plus you can add extra search bars and set some keywords to be searched in All text, while others in Title, Body or Title and Abstract.



Simple keyword search

• Here you can go back to Single keyword search view.



EMIS DealWatch

3.4 Open Web Reports

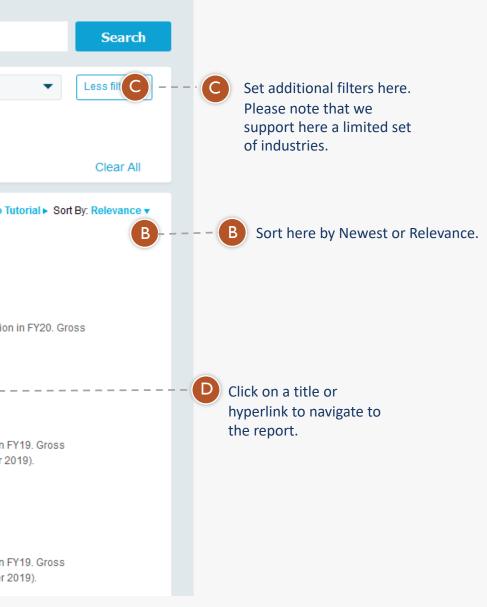
Open Web Reports powered by ReportLinker is a new capability that allows you to browse and download open web reports for your keyword search, hence complementing your research analysis. You can find here over 1.8 million open web reports, across valuable sources like USDA, World Bank, EIA, EBC, WHO, etc.

Put your keyw AND, OR, NOT are supported note that this supported by ReportLinker's search experie be a different main search p

	Re	eports from t	he Open W	eb				
	(A)t	elecom						
vords here.		Last 12 Months		•	153 countries/regions	•	Industries	
⁻ Booleans I. Please section is		Sources		•				
	∂							
s API, so	\smile							
ence might than in our		Results: 38,128						Video Tu
age.		2		et in Ind 020 39 P				df
			The Indian telec revenue of the te		's grdss revenue declined from ctor stood at Rs.	US\$ 40.29 bi	illion in FY16 to US\$ 3	35.87 billion
			Open/Download	xet in Ind 2020 39 F I pdf: https sector's gr		ommunication 40.29 billion	ns-September-2020. in FY16 to US\$ 33.97	7 billion in F
			TELECOM RE Telecom Mark June 01, 2020	et in Ind	-	powered by	ReportLinker	

Indian telecom sector's gross revenue declined from US\$ 40.29 billion in FY16 to US\$ 33.97 billion in FY19. Gross revenue of the telecom sector stood at Rs 121,527 crore (US\$ 17.39 billion) in FY20 (April-September 2019)

Open/Download pdf. https://www.ibef.org/download/Telecommunications-June-2020.pdf

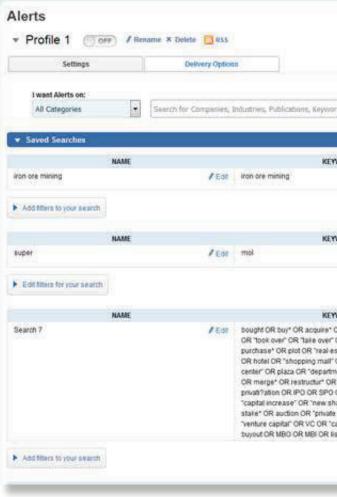




I.I Landing Page

Email Alert is a powerful clipping tool, which allows you to receive scheduled updates on:

- Up to 20 customizable saved searches
- Editor's Choice from different countries
- News and reports from top Industries
- News and reports from specific companies,
- Updates on publications



			Add New Email Alert
ds, M&A informátion			+ Add from Dashboard
WORD		COUNTRY	ACTIONS
	/ Eat	▼ 159 Selected	& Sample Results X Delete
WORD		COUNTRY	ACTIONS
	∕ €at	▼ Select Country	A Sample Repuits × Delete
WORD		COUNTRY	ACTIONS
DR self- OR sold OR takeover OR take 'OR property OR 'shopping ent store' OR tand privatifie' OR DR debut' OR are issue' OR re cutty' OR PE OR uptal raising' OR ting	/ Eat	★ Turkey	A Sample Results × Delete



I.2 Settings

After you created a saved search, you can edit the keywords, restrict the search to specific Regions and/or Countries.

Settings	Delivery Option	18				
I want Alerts on:						
All Categories	Search for Companies,	Industries, P	ublications, Keywords, M&A Inform	ation		+ Add from Dashboard
▼-Saved Searches						
NAME	E		KEYWORD		COUNTRY	ACTIONS
iton ore mining	/ Edit	iton ore m	ining	/ Edd	▼ 159 Selected	R Sample Results × Dele
Add filters to your search			Add New Alert	8	F.	
NAME		_	My Custom Alert 6		COUNTRY	ACTIONS
super	/ Edit	mol	Save Close		 Select Country 	A Sample Results × Dele
Edit filters for your search						
1						1



I.2.1 Create alerts

Settings		Delivery Options	
I want Alerts on:			
All Categories		teleco)
_		Select an item below to set-up an alert!	
▼ Saved Searches		Keywords	
From one mining	NAME	teleco telecommunication NOT regulation Previous Search telecommunication regulation Previous Search telecommunication OR telecomunicación Previous Search telecommunication NEAR5 sector NOT law Previous Search telecommunication NOT law Previous Search	
	NAME	Companies	
Super Edit filters for your search	NAME	Pt Smartfren Telecom Tbk (Indonesia) ANTIK Telecom, s.r.o. (Slovakia) Pt Bakrie Telecom Tbk (Indonesia) Sudatel Telecommunications Group Ltd (Sudan) Nextel Telecomunicacoes S.A. (Brazil) More Companies for "teleco"	
Search 7		Industries	

- Search box will be the main entry point for creating alerts. When you input a keyword, an auto-suggest popup will appear, which contains below 5 sections:
 - Keywords
 - Countries Editor's Choice
 - Companies
 - Industries
 - Publications

When you click an item from the popup, corresponding alert will be added

•	+ Add from Dashboard
	ACTIONS
0.	A Sample Results × Delete
Ŀ	ACTIONS
Б	ACTIONS A Sample Results X Delets



I.2.2. Saved Searches

After you created a saved search, you can edit the keywords, restrict the search to specific Regions and/or Countries

NA	ME		KEYWORD	COUNTR	RY ACTIONS
n ore mining	/ E	tit iron ore mining	/ Edit	▼ 159 Selected	& Sample Results × Delet
Add filters to your search					
General search M&A se	arch				
Search All Text	Publicatio	n Types:	Industries:	a a	Publications:
	Publicatio	49/10	Industries: Select		Publications:
		49/10		Sector	

D In Addition filters, you can further specify filters used for this search, and Dealwatch search filters are also provided here

I.2.2.2. Editor's Choices

Editor's Choice can be added by enter country names in the search box

Countries - Editor's Choice	Pola	
	Select an item below to set-up an alert!	
aved Searches	Countries - Editor's Choice	
NAME	Poland	





I.2.2.3. Companies

You can add up to 20 companies for each alert

✓ ALL China	
ALL	

I.2.2.4. Industries

You can add up to 20 industries for each alert

NAME	OPTION S	COUNTRY	ACTIONS
Agriculture, Forestry, Fishing and Hunting	- ALL	- 41 Selected	× Delete
Construction	- ALL	▼ 41 Selected	× Delete
Mining (except Oil and Gas)	✓ ALL	+ 41 Selected	× Delete
Retail Trade	- ALL	Poland	× Delete
Software Publishers	- ALL	- China	× Delete

Once you have added an industry, you can further specify countries and select type of content (news or reports) you would like to receive: F

COUNTRY	ACTIONS
	× Delete



1.2.2.5. Publicationst

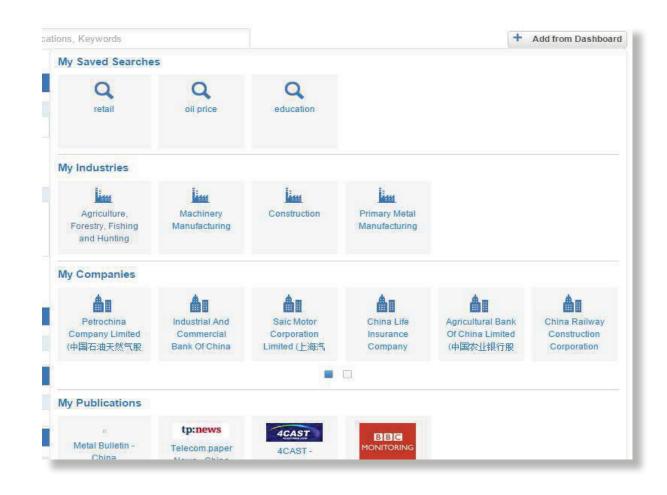
In this category you can select up to 20 publications from multiple regions/countries and receive all the updates from those specific publications.



1.2.2.6 Add from Dashboard

When you mouse over "Add from Dashboard" button, a popup will appear, which list all your saved searches, companies, industries and publications.

You can quickly add them into alert by a click

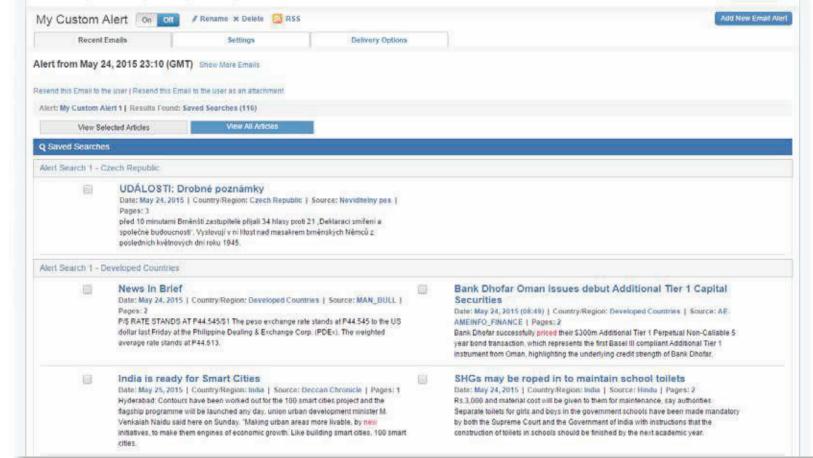


The rest of the second second	
COUNTRY	ACTIONS
d	× Delete
	× Delete



I.3 Recent Emails

Here you can read latest 25 alert emails.





I.4 Delivery Options

On this page, you can change the settings for corresponding alert:

- The format of the E-mail (html, text, PDF, or send as attachment
- Select the languages of the content you will receive,
- The time in which you would like to receive the emails

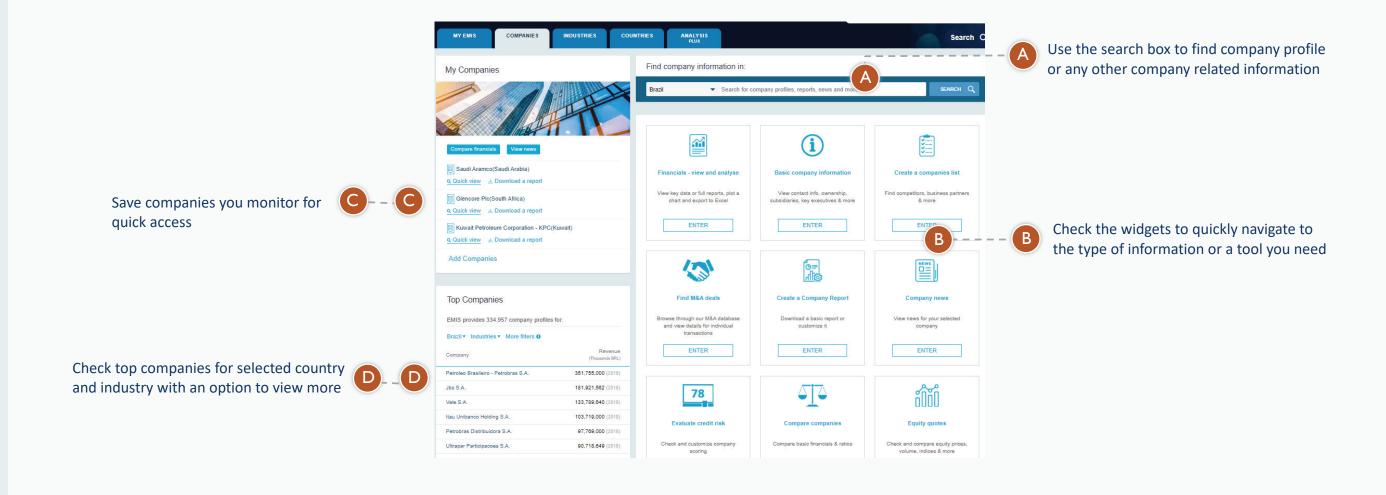
Settings		Delivery Options				
oy Alerts						
		Username:	Email Address:		Submit	
			ying delivery options from another usema ew profile for adding a new alert if you don			
Email Address:	anegyesi@emis.com			Language:	▼ English, Hungarian	
Email Format:	HTML TXT PDF Send as Attachment				Show Abstract Remove duplicates	
Delivery Schedule:	▼ 5 Selected	▼ 09:00	▼ Europe/Budapest			



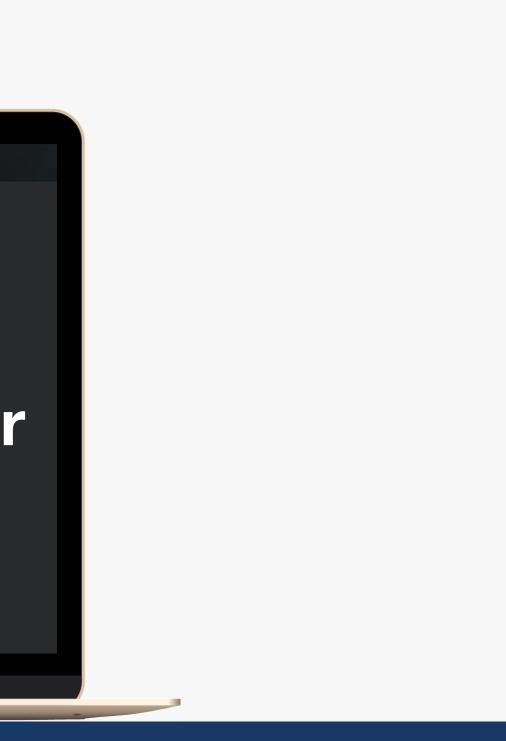
USER GUIDE - COMPANIES

1.1 Landing page

This page allows you to search and browse for any company related information you need.







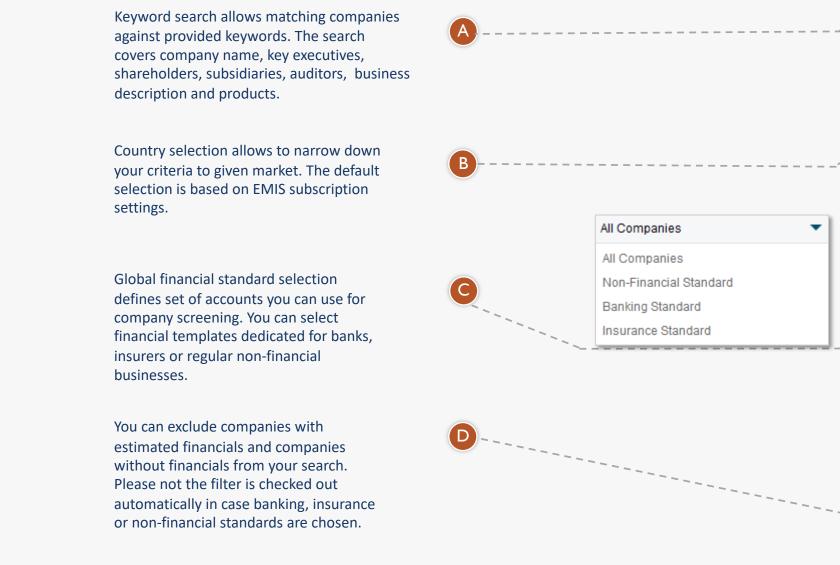


Company Screener							User Guide ►
Filters More Filters »	Databas	e Results	▼ Clear all Filters Hide search criteria				🗞 Share link
Enter keyword(s) Q	Brazil 🗙	Manufacturing	g (31) X Total operating revenue 10 - 15 X				
Brazil	Companies	found (7,175)	•			Customise Col	umns 🔀 Export
Manufacturing 🔹	Num	Country	Company	Industry (NAICS)	Main Activities (NAICS)	Total operating revenue	Business description
Listed/Unlisted	□ 1	Brazil	Xilolite S.A.	Corporate, Subsidiary, and Regional Managing Offices(551114); Support Activities for Nonmetallic Minerals (except Fuels)	All Other Nonmetallic Mineral Mining(212399)	14.99	The company Xilolite headquartered in Sa extraction of nonmeta
USD Million FY Latest	2	Brazil	Comfio Companhia Catarinense de Fiacao	Fiber, Yarn, and Thread Mills(3131)	Fiber, Yarn, and Thread Mills(3131)	14.96	The company Comfic Fiacao was founded Joinville. The compan
Consolidated Preferred All Companies	⊠ 3	Brazil	Cianet Industria e Comercio S.A.	Administrative Management and General Management Consulting Services(541611); Computer Terminal and Other Computer Perip	Computer Terminal and Other Compute Peripheral Equipm Manufacturing(334	14.88	Cianet Networking w in the city of Palhoca, company operat
Total Operating Revenue 10 - 15 Net Profit (Loss) For The Period	4	Brazil	Ac Cafe S.A.	Coffee Farming(1113392); Offices of Other Holding Companies(551112); Book, Periodical, and Newspaper Merchant Wholesaler	Coffee Farming(1113392)	14.82	
min - max	5	Brazil	Ciser Fixadores Automotivos S.A.	Engineering Services(54133); Spring and Wire Product Manufacturing(33261)	Spring and Wire Product Manufacturing(332)	14.64	The company Ciser N founded in 2010, hea state of Minas Gerais
Exclude companies without official financials		Brazil	🙃 Industria de Feltros Santa Fe S A	Other Miscellaneous Manufacturing(3399);	Textile and Fabric Finishing and	14.61	The company Industr founded in 1966-08-2



Filters

Filters section provides quick access to the most important company and finan

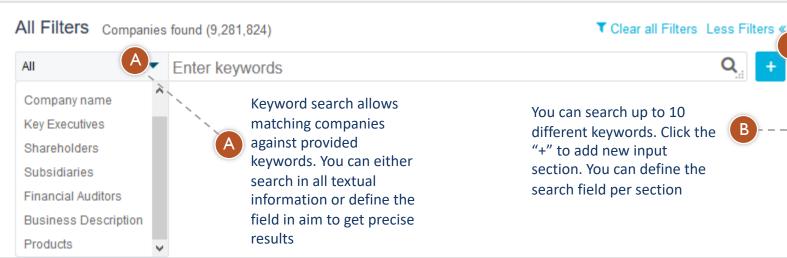


cial filters	Filters	More Filters »
	A Enter keyword(s)	Q
	Brazil	•
a service and the	Manufacturing	•
	Listed/Unlisted	•
•	USD 🔻	Million 🔹
	FY 🔹	Latest 🔹
	Consolidated Preferr	ed 🔻
	All Companies	•
	Total Operating Rever	nue
	10 -	15
	Net Profit (Loss) For	The Period
	min -	max
	Exclude compani financials	es without official
	More F ▼ Clear a	

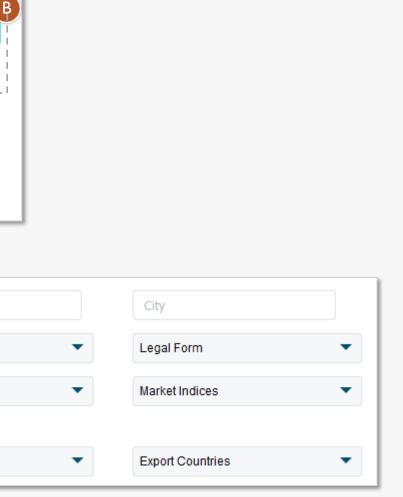


More Filters

Filters section provides access to searchable company data points on EMIS. It starts with keyword search, followed by company information and financial filters.



	161 countries/regions	State/County
C	Industries	Operational Status
You can use several company profile	Listed/Unlisted 🔹	Stock Exchanges
related filters	Number Of Employees	
	min - max	Import Countries





More Filters

Filters section provides access to searchable company data points on EMIS. It starts with keyword search, followed by company information and financial filters.

USD 🔻	Million	▼ Period: FY ▼ Latest	Type: Consolidated Preferred
inancials:			
fotal Operating Rev	venue	Operating Profit (EBIT)	Net Profit (Loss) For The
min	- max	min - max	min - max
fotal Assets		Total Equity	
min	- max	min - max	+ Add new filter
min Ratios: Fotal Operating Rev		min - max Operating Profit Margin (ROS)	+ Add new filter Operating Profit Trend
Ratios:			
Ratios: Total Operating Rev min	venue Trend	Operating Profit Margin (ROS)	Operating Profit Trend
Ratios: Fotal Operating Rev	venue Trend	Operating Profit Margin (ROS) min - max	Operating Profit Trend

Select financial standard:

All Companies – covers accounts available for all companies in EMIS database. By using it you can search all the entitles however, the list of filters will be limited to the common ones.

Non-financial Standard – provides detailed filters for regular businesses, not active in financial industry. Banking Standard – gives a list of filters applicable for banks.

Insurance Standard – allows you to search detailed insurance related accounts.

You can exclude companies with estimated financials and companies without financials from your search. Please not the filter is checked out automatically in case banking, insurance or non-financial standards are chosen.

(C)

(B)

(A)

Add new filter button gives you access to all the available filters for the selected financial standard. Please, note that the filters will be grouped by following sections: financials, ratios, multiples & market data.



More Filters – add new filter

Search A		
All	Select All B	Clear Selecti
Income Statement	✓ Total operating revenue	
Balance Sheet	Operating profit (EBIT)	
	Profit before income tax	
Cash Flow	Income tax	
Ratios	Tax difference due to consolidation	
Multiples		
Market Data	Net Profit (Loss) for the Period	
MarkerData	Other comprehensive result for the period, net of tax	
	Comprehensive income	
	 Comprehensive Profit (loss) attributable to Minority Interests 	
	Lower Limit of Revenue Range	
	Upport imit of Poyonus Pango	



B

C

Search for financial accounts, ratios, multiples by typing in a filter name in the search box. You can narrow down your results by selecting categories like income statement, balance sheet, cashflow, ratios, multiples and market data.

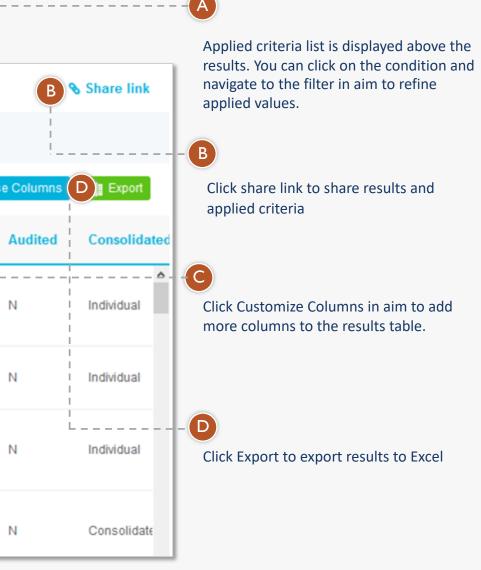
The list contains all the filers available for the selected financials standard.

Add filters to "more filters" view. Remember that they will be assigned to categories:

- Financials (income statement, balance sheet, cash flow)
- Ratios
- Multiples & Market Data



	F	Resu	Its Table				
Dat	tabase	Results	▼ Clear all Filters Hide search criteria				
Bra	zil ×	Manufacturing ((31) X Total operating revenue 10 - 15 X				
Com	panies fo	und (7,175) 🔻				Custom	ise (
	Num	Country	Company	Industry (NAICS)	Total operating revenue		A
	1	Brazil	Xilolite S.A.	Corporate, Subsidiary, and Regional Managing Offices(551114); Support Activities for Nonmetallic Minerals (except Fuels)	14.99	2019	N
	2	Brazil	Comfio Companhia Catarinense de Fiacao	Fiber, Yarn, and Thread Mills(3131)	14.96	2019	Ν
	3	Brazil	Cianet Industria e Comercio S.A.	Administrative Management and General Management Consulting Services(541611); Computer Terminal and Other Computer Perip	14.88	2018	N
	4	Brazil	Ac Cafe S.A.	Coffee Farming(1113392); Offices of Other Holding Companies(551112); Book, Periodical, and Newspaper	14.82	2018	N





EMIS Company Screener

Results Table – customize columns

istomise Columns		
elected 0 15 of 201		
Num Country Compa	any Industry (NAICS) An Activities (NAICS) Industry (NAICS)	
Business description ×	Profit before income tax X III Income tax X III Current Ratio X Fiscal Year	Audited
Consolidated Source	Company ID 🗙	
Search B		
elect From:		
elect riolli.		
All	Select all	Clear select
Company Information	✓ Num	
Income Statement		
	Company	
Balance Sheet	Business description	
Cash Flow	✓ Industry (NAICS)	
Delia	Main Activities (NAICS)	
Ratios	Secondary Activities (NAICS)	
	Industry (EMIS 14)	
Multiples		
	Main Activities (EMIS 14)	
Multiples Market Data		
	Main Activities (EMIS 14)	
	Main Activities (EMIS 14) Secondary Activities (EMIS 14)	



Select and organize data in line with your needs. The grey columns are fixed and cannot be moved. Please note that the Company ID column must stay in the end due to exporting mechanism.



Search for required data points



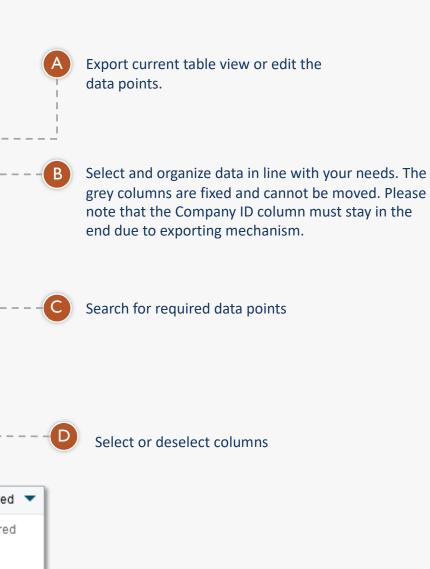
Select or deselect columns



EMIS Company Screener

Results Table – export

Num Country Comp	any Industry (NAICS) Anin Activities (NAICS)	× Total op	erating revenue 🗙		
Business description × Consolidated Source Search C	Profit before income tax X III Income tax X	Current Ratio 🗙	Fiscal Year	Audited	
elect From: All	Select all			Clear selection	
Company Information Income Statement Balance Sheet	 Num Country Company Business description 				
Cash Flow	 ✓ Industry (NAICS) ✓ Main Activities (NAICS) 	FY 🔻	Latest 💌	Consolidated Prefe	
Ratios	Secondary Activities (NAICS)	All None	All None	Consolidated Pref	
Multiples	Industry (EMIS 14) Main Activities (EMIS 14)	🗹 FY	☑ Latest	Consolidated Only	
Market Data	Secondary Activities (EMIS 14) Industry (CNAE V2.0) Main Activities (CNAE V2.0)	Q1 Q2 Q3 Q4	2021 2020 2019 2018	~	



E

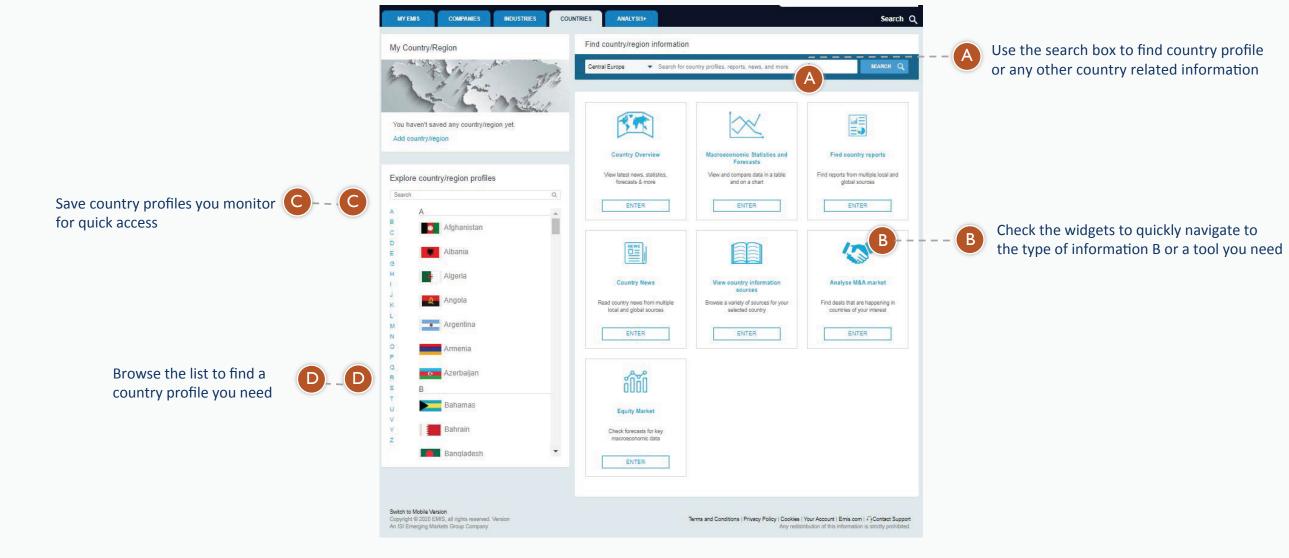
Define statement period, year and consolidation status



USER GUIDE - COUNTRIES

1.1 Landing page

This page allows you to search and browse for any country related information you need.











Macroeconomic Statistics and Forecasts

Overview

The Macroeconomic Statistics and Forecasts service allows users to get a quick snapshot of country performance, create their own quick data snapshot or deep-dive in historic and forecast data to get detailed macroeconomic information. Comparing countries is also made easy.

The data is from IMF and CEIC, providing a trustworthy source of information.

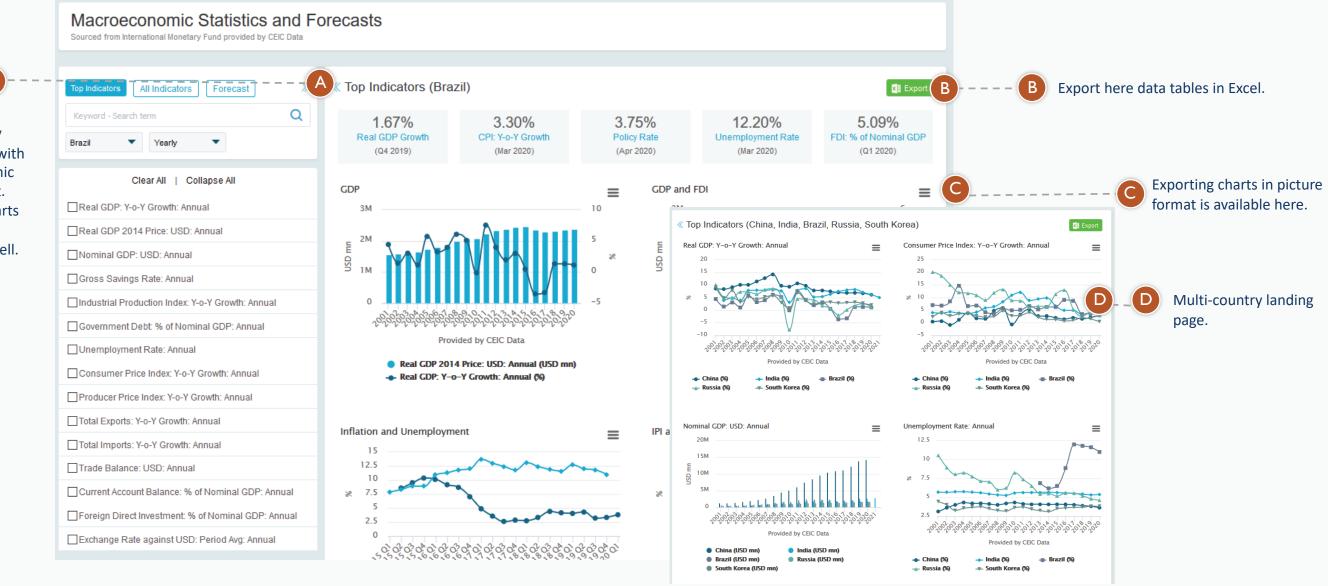




Macroeconomic Statistics and Forecasts

Landing Page

In the right pane of the landing page we provide you a quick snapshot of single country data or top country comparison. You can export data here directly, or can go further and use the left pane to get exactly what you need.

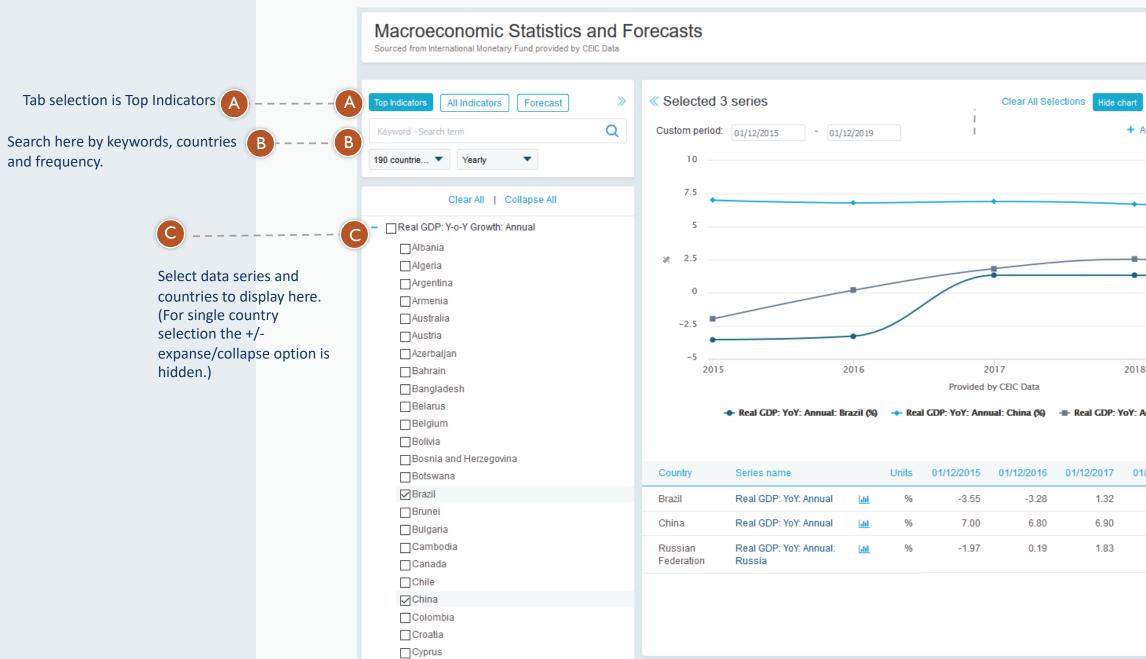


Single country landing page with macroeconomic data snapshot. Below the charts data table is available as well.



Top Indicators

In the Top Indicators tab you can select and export/compare key data for one or more countries. By default we have selected annual data, but you can view quarterly and monthly frequencies as well.



All Historical Data Export D D Add to Dashboard Share link	 Data selection is displayed here. Options are: Custom period: select the desired time range for the data Clear All Selections: removes all series Hide chart: only data table is displayed All Historical Data: shows full
18 2019 : Annual: Russia (%)	 Export: export data in Excel Add to Dashboard: link to current page is saved to Dashboard Share link: gives you link to current page
Sort by: Default	
01/12/2018 01/12/2019	

D

See data source here (or by mousover on series name)

Source: View details

1.14

6.10

1.34

1.32

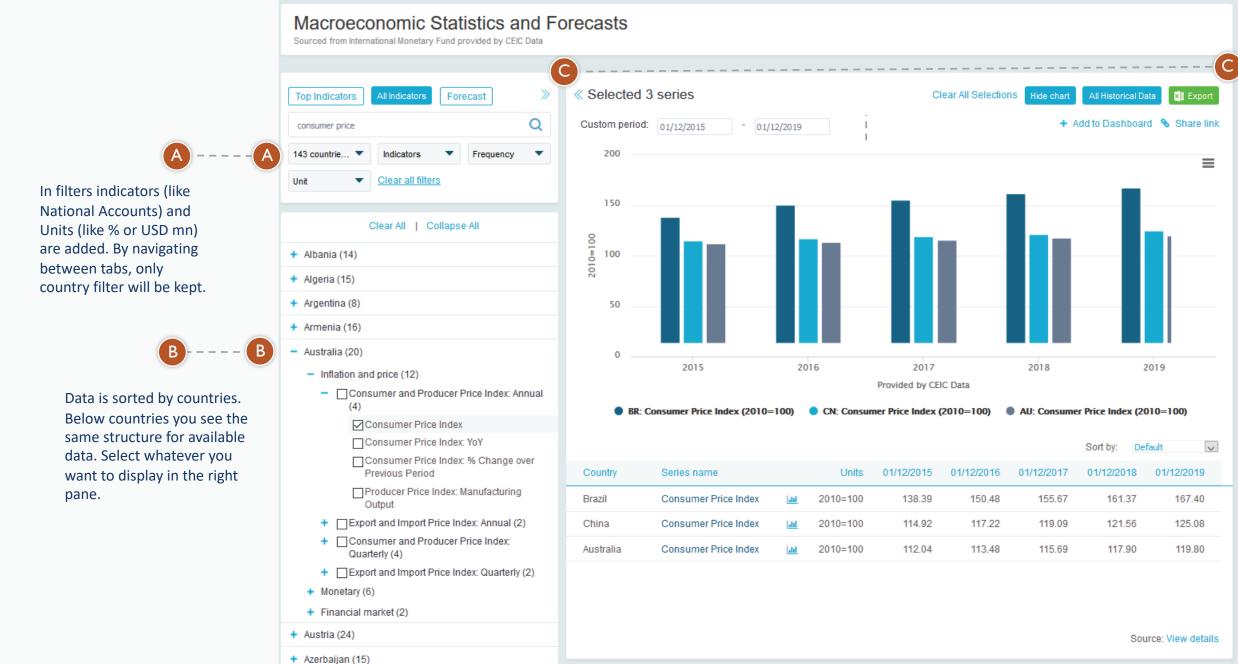
6.70

2.54



All Indicators

This is the place for historic data, where actual statistics can be discovered in details.



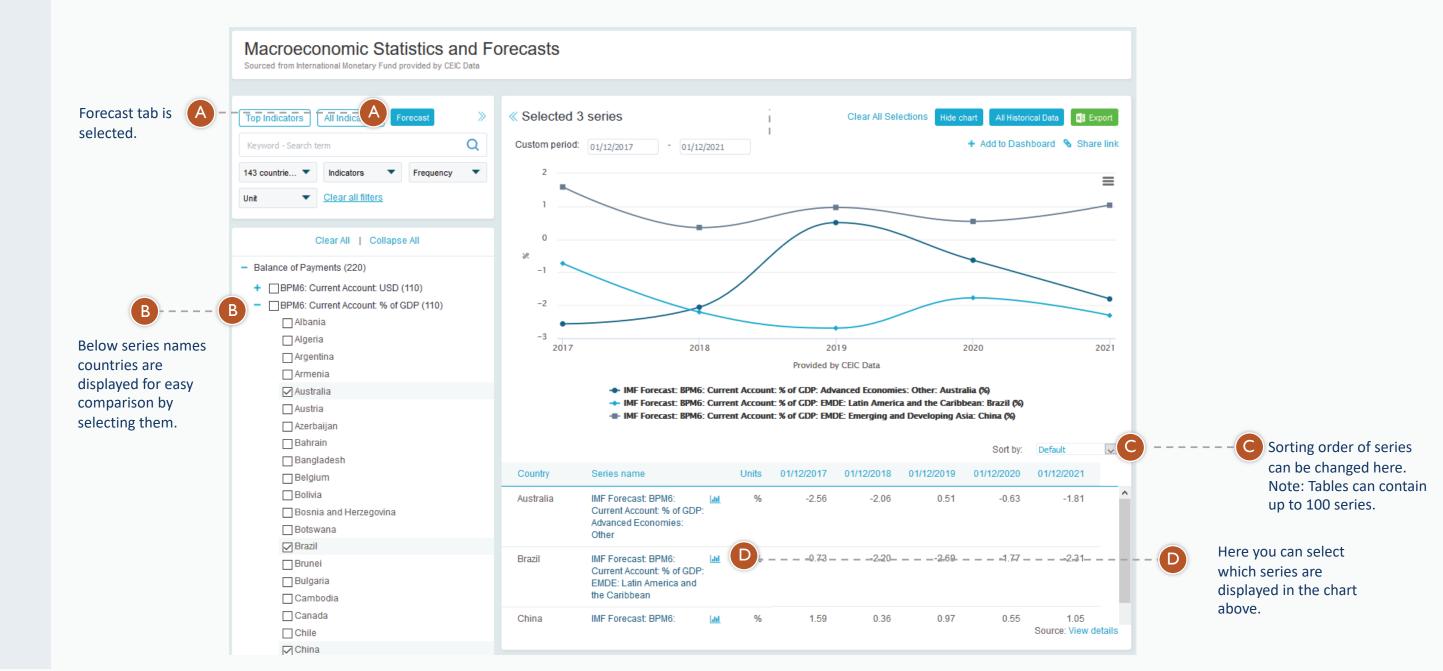
C Panes can be resized by using the arrows to show series data or full-sized charts and tables.



Macroeconomic Statistics and Forecasts

Forecast

In the Forecast tab predictions on future data by IMF are displayed. Most data also has historic parts as well, so you can compare the past and the future in the same chart immediately.





USER GUIDE - COUNTRY ANALYSIS

I.6 Reports

This section is accessed by clicking on the headers of the Reports boxes in the Overview Section of Country Analysis. The section provides access to premium publications providing Country forecast overviews, Country risk reports or Macroeconomic Insights from leading think tanks and consultancies that facilitate users make sense of complex economic events.

I.7 News

This section is accessed by clicking on the headers of the News boxes in the Overview Section of Country Analysis. The section allows users to understand and act on the latest opportunities or looming risks, or simply stay up-to-date on critical macroeconomic news that may affect their businesses.

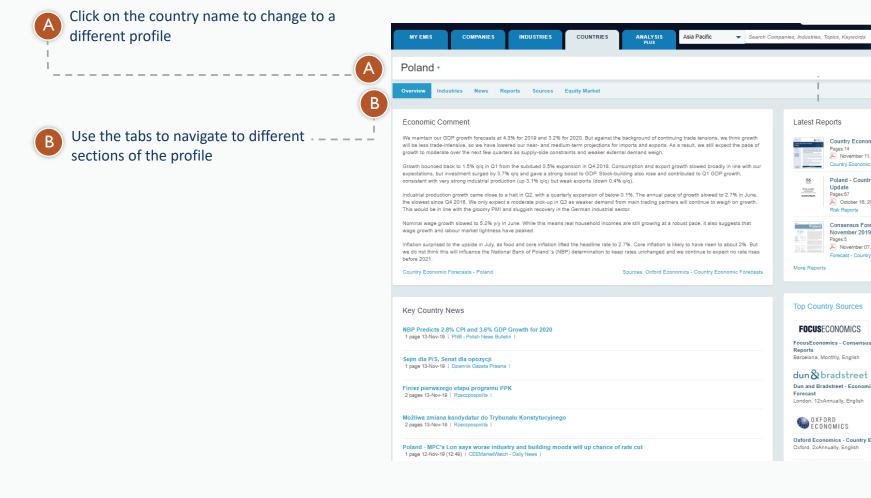
6



USER GUIDE - COUNTRIES

1.2 Country profile

This page allows you to browse all kind of country information – economical, political, financial markets related & more.



ountry Economic Forecasts - Poland November 11 2019 Oxford Fr

С

Poland - Country Report - 2019, Cotober 16, 2019 | PRS Group - Country

Poland Consensus Forecast Poland -November 2019

> November 07, 2019 | FE - Consensus ecast - Country Reports

FocusEconomics - Consensus Forecast - Country

Dun and Bradstreet - Economic Indicators 5vr

Oxford Economics - Country Economic Forecasts



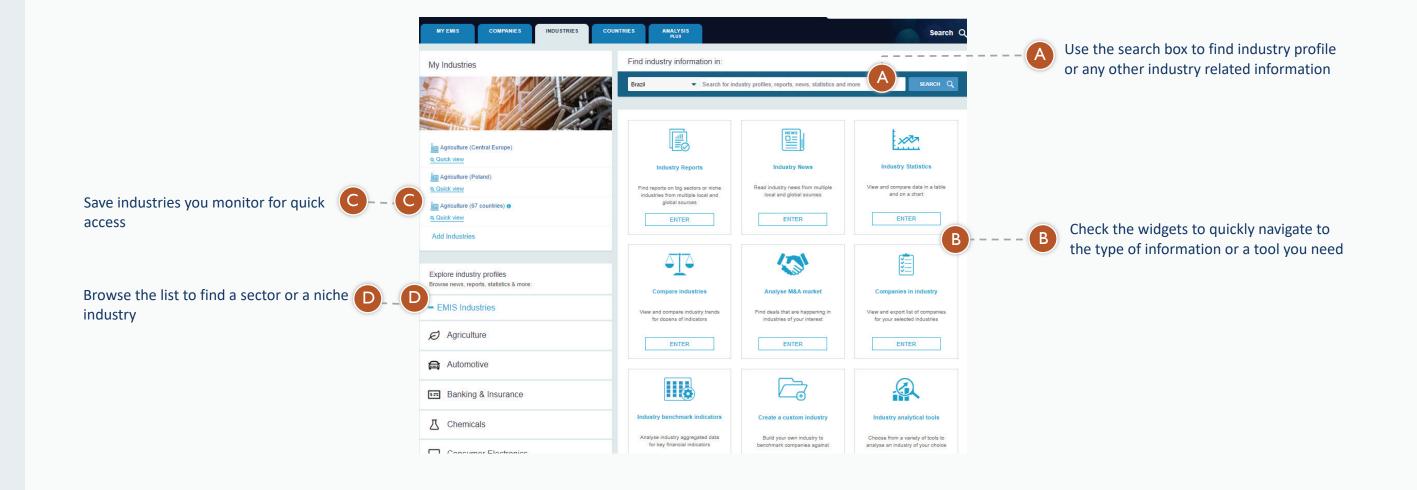
Check overview of the country latest news, reports, statistics & more



USER GUIDE - INDUSTRIES

1.1 Landing page

This page allows you to search and browse for any industry related information you need.





INDUSTRY ANALYSIS

I.2. Statistics Database

A

Allows you to expand or collapse the main industries by clicking on the + or - signs and then select the desired subindustry by clicking on it. Then the Statistics page will load all available series from the relevant database.

By clicking on the Frequency dropdown menu you can choose to display series from different time periods. You are able to select either all periods or only annual, semiannual, quarterly, monthly, weekly or daily statistics.

Expand All Collapse All	OVERVIEW	BENCHMARK
earch Within:	Statis	tics
×Q	Statistics	Database St
NAICS by Sector (C) NAICS by Alphabet dustry code number between brackets	Search:	
MyIndustries		
My Benchmark Industries	Clear All	/iew Selected
Agriculture, Forestry, Fishing and Hunting (11)	🔻 Polar	ıd
Mining, Quarrying, and Oil and Gas Extraction (21)	🖃 Inde	x
Utilities (22)	- (Oxford Econom
Construction (23)		INDICATOR
onstruction (23)		Construction, (
Construction of Buildings (233) Heavy and Civil Engineering Construction		Construction o Annual
(234)	1	Building,non-re Annual
Manufacturing (31) Wholesale Trade (42)		Residential bui index) - Annua
Retail Trade (44)	C	INDICATOR
Transportation and Warehousing (48)		Construction, Quarterly
Information (51)		Construction o Quarterly
Finance and Insurance (52)	I E	Residential bui index) - Quarte
Real Estate and Rental and Leasing (53)		Building,non-re Quarterly
Professional, Scientific, and Technical Services (54)		
Management of Companies and Enterprises (55)		ncial Data

VERVIEW	BENCHMARK COMPARE TRENDS PEER ANA	LYSIS 1	STATISTICS	COMPANIES	REPORTS N	EWS		The View Selected option will open a new screen where you can find furthe details and graphical representations.
tatis					Pr	int 🌐 Tour ,	🖪 User Guide 🥠 Sup	sport
	s Database Statistics Publications							
Search:	I × Q			B Fre	quency: All		Add to Dashboard	Website Feedback
lear All	View Selected D			1			Download to	
▼ Pola	nnd							ssite
- Ind	ex							Wei
-	Oxford Economics - Industry Forecast Data						8	B (
	INDICATOR	UNIT	2015	2016	2017	2018	2019	Clicking on the Export
	Construction, Output (value-added index) -		_118_29	121_73	125.64	129.51	133.37	button allows you to
	Construction of buildings, Output (VA index) - Annual		151.91	155.38	159.56	163.55	167.56	download the data from
	Building,non-residential, Output (V-A index) - Annual		151.35	154.49	158.00	160.96	163.73	the selected series to Excel.
<u>1773</u>	Residential building, Output (value-added index) - Annual		122.11	125.35	129.59	134.19	139.08	
	INDICATOR	UNIT	2015 Q4	2016 Q1	2016 Q2	2016 Q3	2016 Q4	
	Construction, Output (value-added index) - Quarterly		119.59	120.44	121.30	122.16	123.01	
	Construction of buildings, Output (VA index) - Quarterly		15.96	155.38	16.16	16.27	16.38	
	Residential building, Output (value-added index) - Quarterly		11.66	125.35	11.76	11.82	11.89	
1977	Building,non-residential, Output (V-A index) - Quarterly		11.66	154.49	11.76	11.82	11.89	
A Sin	ancial Data							

Selecting different statistics can be done by marking the checkboxes of the desired series.

+

1

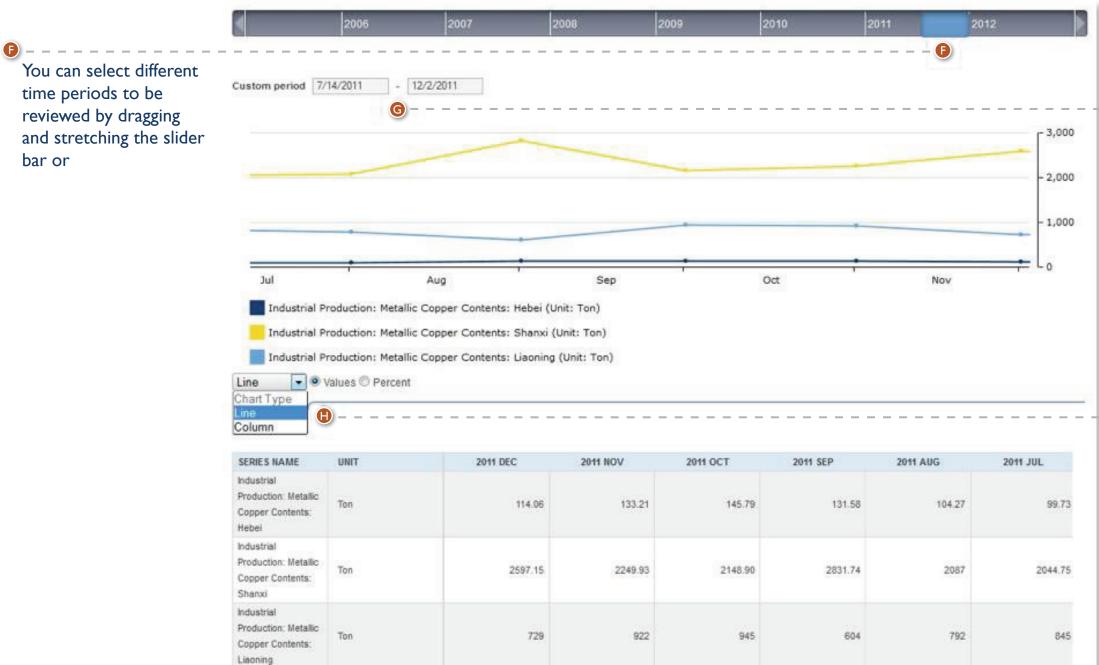
Ŧ

1



INDUSTRY ANALYSIS

1.2. Statistics Database



Use the Custom period selector by inputting the desired dates from - to;

G

Ð

2011 JUL	2011 AUG	
99.73	104.27	
2044.75	2087	
845	792	

The Chart Type dropdown menu allows you to select between a linear and columnar graphical representation of the series and you can also turn the statistical values into percentages.



USER GUIDE – SOURCES

Sources

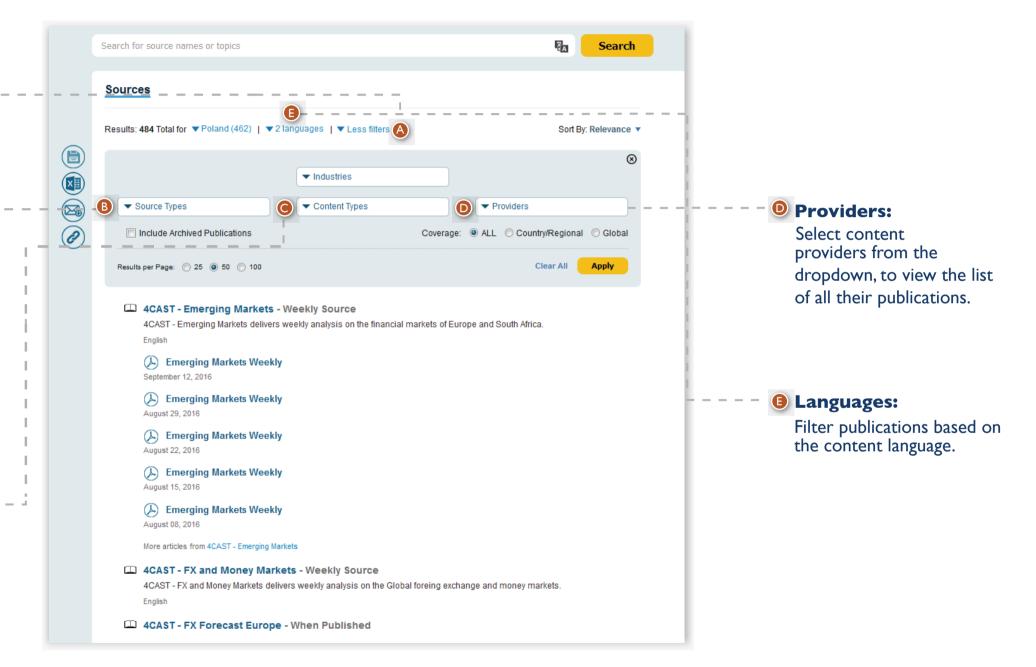
EMIS is a premier provider of company and industry information, alongside the relevant proprietary and multi-source news, research and analytics on the world's emerging markets.

The service delivers proprietary and multi-source news and research from over 16,000 publications in 15 languages, covering more than 100 countries.

The Sources section can be reached from the Quick Links menu. Output to show all filtering possibilites.

B Source Types:

Use this filter to view publications from Newspapers, Magazines, Newswires/ News agencies, Banks/ Brokerage Houses, Consultancies/ Market Research Companies Government Institutions, Central Banks, etc.



Content Types: Use this filter to view publications by content types, e.g. News, Analysis/Research, Rating Analysis, Company Annual Reports, Industry Statistics, etc.



Editor's Choice

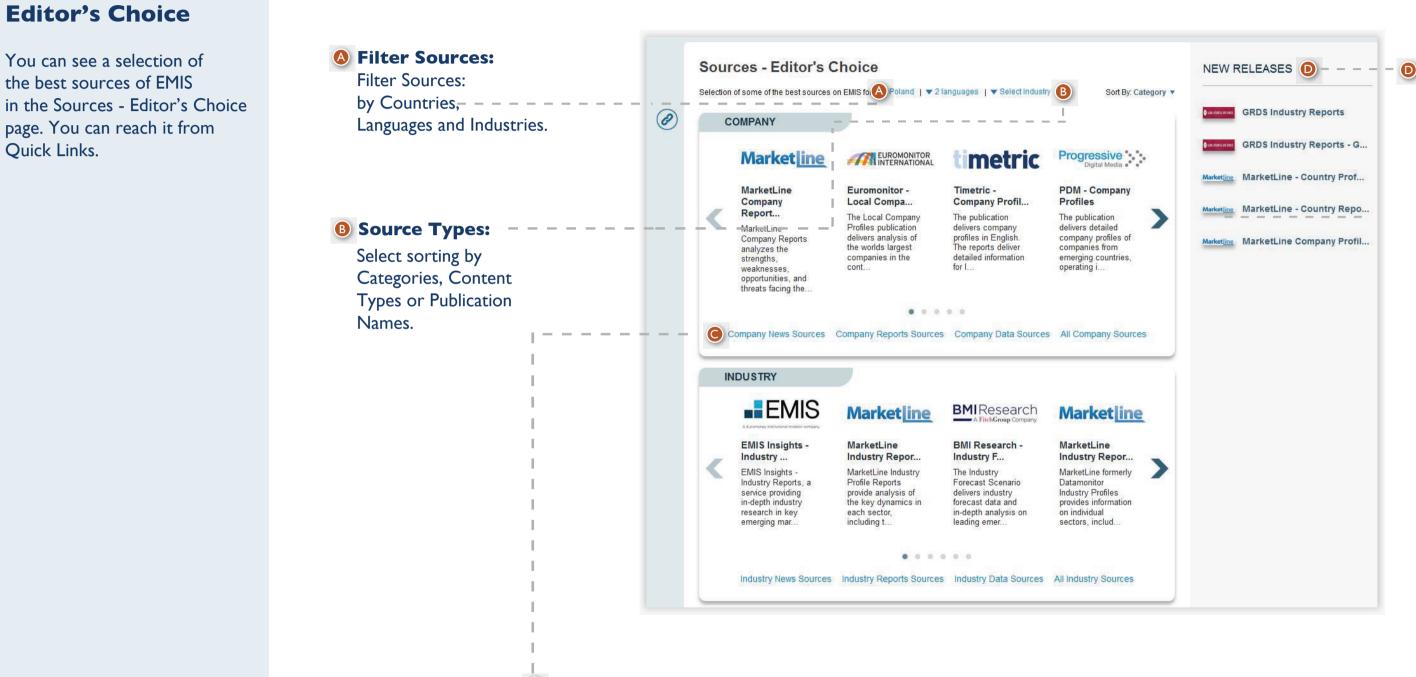
You can see a selection of

page. You can reach it from

the best sources of EMIS

Ouick Links.

USER GUIDE – SOURCES



• You can refine sorting at the bottom of the boxes.

D New Releases: Our newest source releases are displayed in the right pane.



USER GUIDE – EQUITY CHARTS

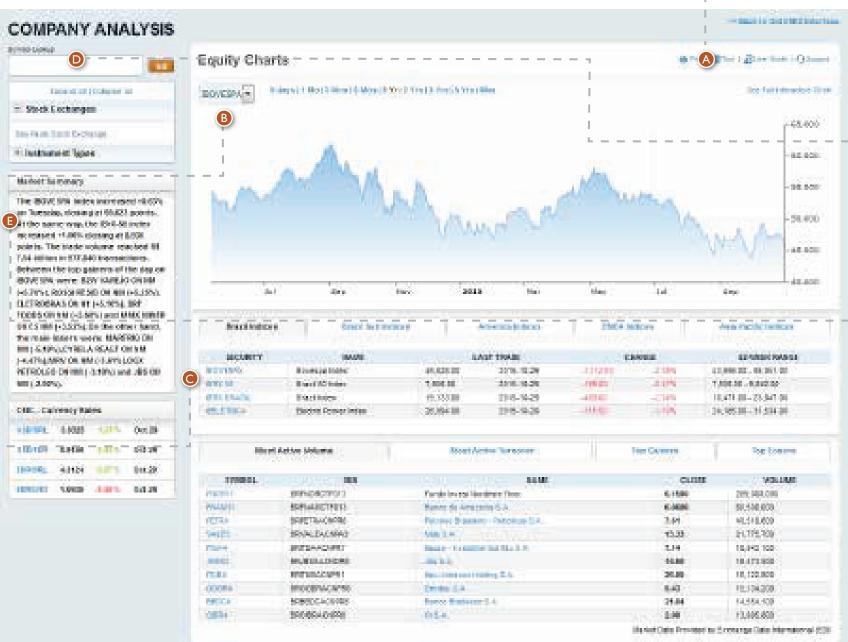
Equity Charts: Access Equity Charts tab to view the end of day data for indices and quotes.

Main indices:

You will see interactive charts of the main indices for the selected country or region. Also, you can view different indices by selecting the ticker from drop-down menu.

End of day data:

Switch to different sub-tabs to end of day summary for different indices, as well as the top and worst performers on the local stock exchange.



week.	024000394000
Constant of the second	12,898.222.08,263.25
4.0%	1,508.58 -8,842.50
-2343	10,471 (0-25,347.00
1000	14,985,00-11,514,00

CLEAR	Agende
6.1580	2010 2403.000
8.0600	59,590,000
3.64	NL518.609
15.33	21,175,209
1.14	10,040,100
44.88	10.471360
26.89	10,122,820
8.43	16.104.208
25.64	54,554,500
1.00	12,105,850

Symbol lookup: Allows you to search for any quote or index present on the local stock exchange.

D

Quick Links:

You can quickly navigate to view different market segments or view market summary and comments for the previous day.



USER GUIDE – EQUITY CHARTS

Company/Index Name: Below the company or index name you can view details about the last trading day.

Compare: This option allows you to view evolution of two or more quotes or indices. Simply click on compare button, and input the name of the next quote you would like to see. Please note that this type of comparison will work only with a line chart type.

Overlays: For

company quotes, you can add to the chart news from different publications or news by topic, like financial results, corporate changes, ownership changes or investor relationship reports.



Chart type: You can modify the chart type, by choosing one of these options: line chart, area chart, step chart, or OHLC chart.

Quote Indicators: Table presents information about last year of trading: minimum and maximum quotation, percentage change in one year, or percentage change since the beginning of the year.

Quote History: You can view last 5 trading days, or you can export the full history for any quote or index.









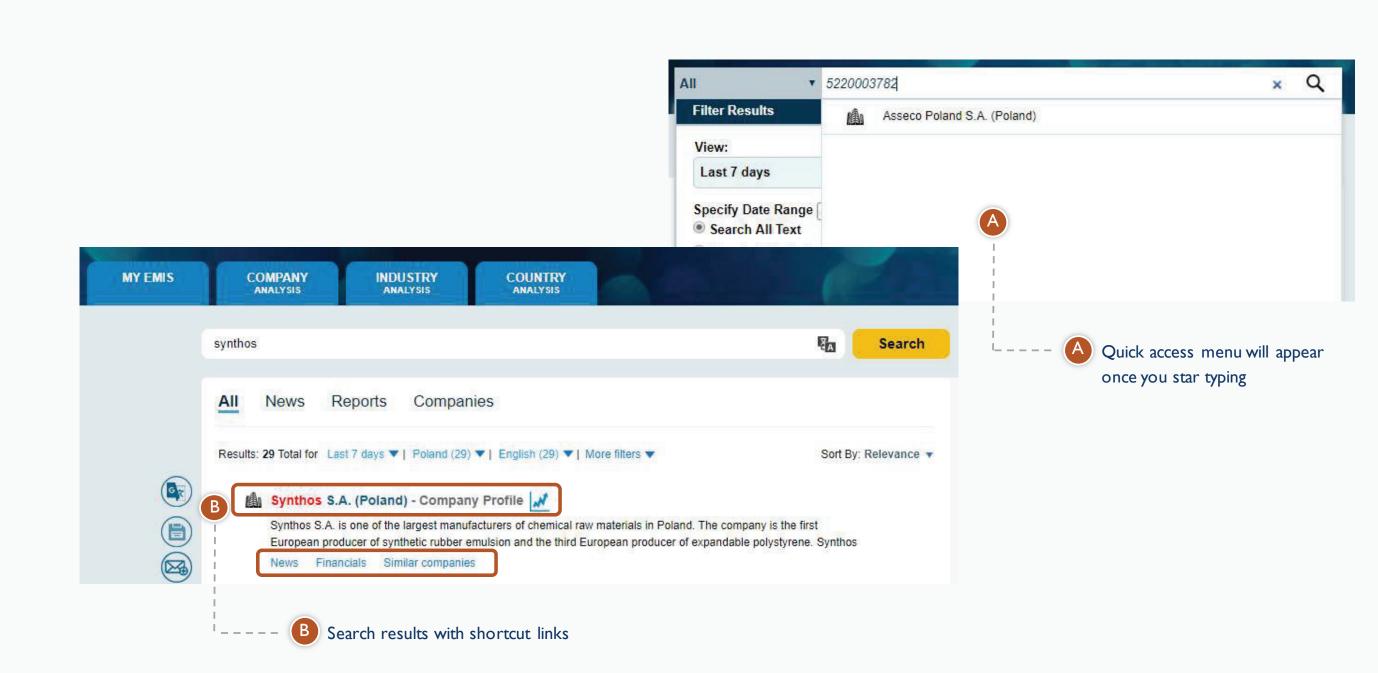
User Guide on Company Profiles

- Overview
- Financials
- Similar Companies



I.I. Finding company profiles

Find companies using the search box on the top right corner of each page. You can find companies using their names or company ID number, such as fiscal ID. Click on a name in quick access menu or go to search results page to select your company. Click on the name or links below to find information you need.





I.2. Company Overview

In this section you can find all basic information about the company.

noocoo i olan	d S.A. (Poland) 🖉		Add to Alert	s Add
Overview Financials •	News Reports Similar (Companies M&A Deals EMIS Credit Analytics •		0
Corporate Informatio	n	Profile Updated: February 16, 2018	Financials	
Main Activities: 0 Switch to PKD 2007	Custom Computer Programming Computer Systems Design Serv		8,000,000	
Main Products:	<mark>More</mark> » Software		6,000,000	
the European market for sol	tware producers. The company deve. 4 EM dkarpackie, Poland ISI	ange in Warsaw. Has also become an important player on More » ISid: 1454905 N: PLSOFTB00016 re IDs	4,000,000 2,000,000 0 2014Q3C	2015Q3C
Website: http://www.asseco	.pl Tot	al Employees: 22,364 (2016)	Net sales reve	
Full name: Asseco Poland Legal Form: Public Limited	Company	tus: Operational, Listed	PLN Thousands	
	B Show mo	re	Total operating revenue	5,
			Net sales revenue	5,
	1		Gross profit	1.





I.3. Financials

In this section you can view interactive tables with company financials and rations, as well as access source documents (financial data as reported by the company).

						and m			atement type		
	Asseco Poland S.A. (Poland) 🖋					Ad	d to Alerts	Add to Dashboard	d 🔲 R	eport Builder
	Overview Financials - News	Reports Simi	lar Companies M&A Deals	EMIS Cree	lit Analytics -						
A Use the menu	Financial Statements Financial Statements Ratios & Multiples Financial Documents/Annual R	eports	 Annual only Interir 	n included	Global Standard 🗸	Cons. •	PLN v Tho	usands 🔻 S	how More Options	More periods	Export
to select financials, ratios	Statement type Period end date		Annual, Cons. 2016-12-31		Annual, Cons. 2015-12-31		Annual, Cons 2014-12-31		Annual, Cons. 2013-12-31		Annual, Cons 2012-12-3
or as reported	- Income Statement		2016		2015		2014	h.	2013		2013
documents	- Total operating revenue	Select to chart	an 7,993,200.00	9.58% 🛦	7,294,500.00	16.45% 🔺	6,264,100.00	7.89%	5,806,000.00	4.66% 🛦	5,547,600.0
	Net sales revenue		7,932,000.00		7,256,200.00		6,231,900.00)	5,780,000.00		5,529,100.0
	Cost of goods sold		-6,065,500.00		-5,507,100.00		-4,712,100.00		-4,353,100.00		-4,051,700.0
	- Gross profit		1,866,500.00		1,749,100.00		1,519,800.00		1,426,900.00		1,477,400.0
		D Ho	over over or click table i	000/ 20							
			e growth figures. Click t							Export	the table



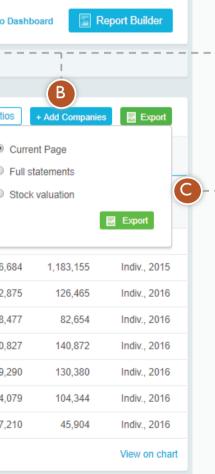


I.4. Similar Companies

In this section you can view a list of companies that are similar to the selected company in terms of business line and size (based on revenue). You can also compare selected financials and export the selected data, as well as full statements.

Synthos S.A. (Poland) 🖉	· · · · · · · · · · · · · · · · · · ·			Add to Alerts	A
Overview Financials - News Repor	s Similar Companies M&A Dea	als EMIS Credit Analytics -			5
Similar companies	Resin, Synthetic Rubber, V P	oland Consolidated Preferred	d 🔻 Thousands 🔻	PLN 🔻 🛛 + Add fina	B
¢ Company	Total operating revenue	Total Operating Revenue Trend (%)	Return on Sales (ROS) (%)	Net Profit (Loss) for the Period	
Grupa Azoty S.A.	9,003,069	-10.57	4.19	375,152	
Synthos S.A.	4,755,000	17.18	5.38	256,000	
Basell Orlen Polyolefins Sp. z o.o.	3,783,067	12.35	13.58	512,826	
Synthos Dwory 7 Sp. z o.o. sp. j.	1,953,576	-10.73	12.83	249,820	:
Stepan Polska Sp. z o.o.	608,412	N/A	5.51	33,417	
Solvay Engineering Plastics Poland Sp. z o.o.	559,975	5.20	4.86	27,138	
Eurofoam Sp. z o.o. (Zgierz)	502,022	5.99	6.72	33,482	
Lerg S.A.	443,106	N/A	4.44	19,383	
Sirmax Polska Sp. z o.o.	226,992	11.17	20.86	51,165	
Mcns Polyurethanes Europe Sp. z o.o.	× 224,379	13.47	8.89	19,990	

Remove companies by clicking on delete icon. The icon appears on hovering the mouse over the table



(B You can add individual companies and change data points using options on the right

Export data using various options from the menu

(C)



I.4. Similar Companies – add financials

Use Add financials & ratios menu to adjust the data you want to compare

Synthos S.A. (Pol	Add fina	and the second	Click on i	tems below to select/deselect		lel to Alarta 🛛 Add to Dashboard
Overview Financials • N	Select Ten Income St		w Templ		B Cash Flow	Ratios
Similar companies	🕢 Tota	l operating revenue	×	Total assets	Net cash flow from (used in)	Total Operating Revenue
Company	Net	sales revenue t of goods sold		 Non-current assets Intangible assets and goodwill Current assets 	operating activities Net cash flow from (used in) investing activities Net cash flow from (used in) 	Trend Net Income Trend Operating Profit (EBIT) Marg Return on Sales (ROS)
Synthos S.A.	and imp	reciation, amortization airment charges		Cash and Cash Equivalents	financing activities	Return on Equity (ROE)
Basell Orlen Polyolefins Sp. z o.o. Synthos Dwory 7 Sp. z o.o. sp. j.	Operating profit (EBIT) EBITDA			Total equity		 Current Ratio Debt / EBITDA
Stepan Polska Sp. z o.o.	Fina	ince costs me tax		 Total liabilities Non-current liabilities 		Leverage Ratio
Solvay Engineering Plastics Polan	The CALSENSE	Profit (Loss) for the	•	Non-current loans and borrowings		More Ratios
Eurofoam Sp. z o.o. (Zgierz)	Save	Name template for s	aving			Clear all
.erg S.A.						

the menu

Choose from selected financial statement accounts and ratios.





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helpdesk@emis.com