

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	v11.6 and above
Internet Explorer	v11	v11
Firefox	v6 and above	v12 and above
Safari	v4 and above	v5 and above

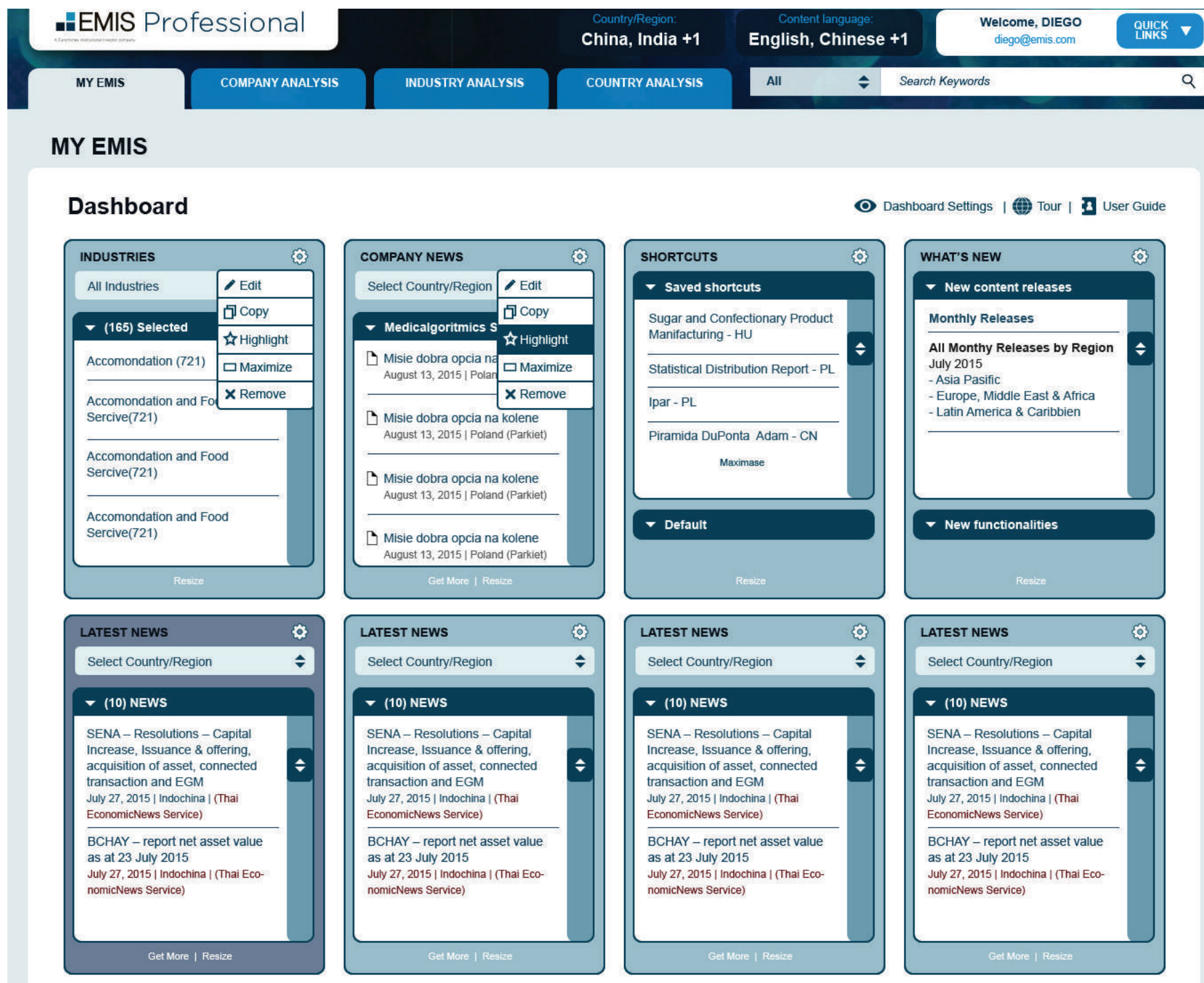
Besides, your browser need to support:

- **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.1. 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



The screenshot displays the EMIS Professional dashboard interface. At the top, there is a navigation bar with the EMIS logo, user information (Country/Region: China, India +1; Content language: English, Chinese +1), and a search bar. Below the navigation bar, there are tabs for MY EMIS, COMPANY ANALYSIS, INDUSTRY ANALYSIS, and COUNTRY ANALYSIS. The main content area is titled "MY EMIS" and "Dashboard". It features several interactive widgets:

- INDUSTRIES:** A widget showing a list of industries with a "Selected" count of 165. It includes options to Edit, Copy, Highlight, Maximize, and Remove.
- COMPANY NEWS:** A widget showing news items for "Medicalgorithmics S". It includes options to Edit, Copy, Highlight, Maximize, and Remove.
- SHORTCUTS:** A widget showing saved shortcuts like "Sugar and Confectionary Product Manufacturing - HU" and "Statistical Distribution Report - PL".
- WHAT'S NEW:** A widget showing new content releases, including "Monthly Releases" and "All Monthly Releases by Region".
- LATEST NEWS:** Four identical widgets showing the latest news items, such as "SENA - Resolutions - Capital Increase, Issuance & offering, acquisition of asset, connected transaction and EGM".

Each widget has a "Resize" handle at the bottom. The dashboard also includes links for "Dashboard Settings", "Tour", and "User Guide".

USER GUIDE - DASHBOARD


I.4 Quick Links

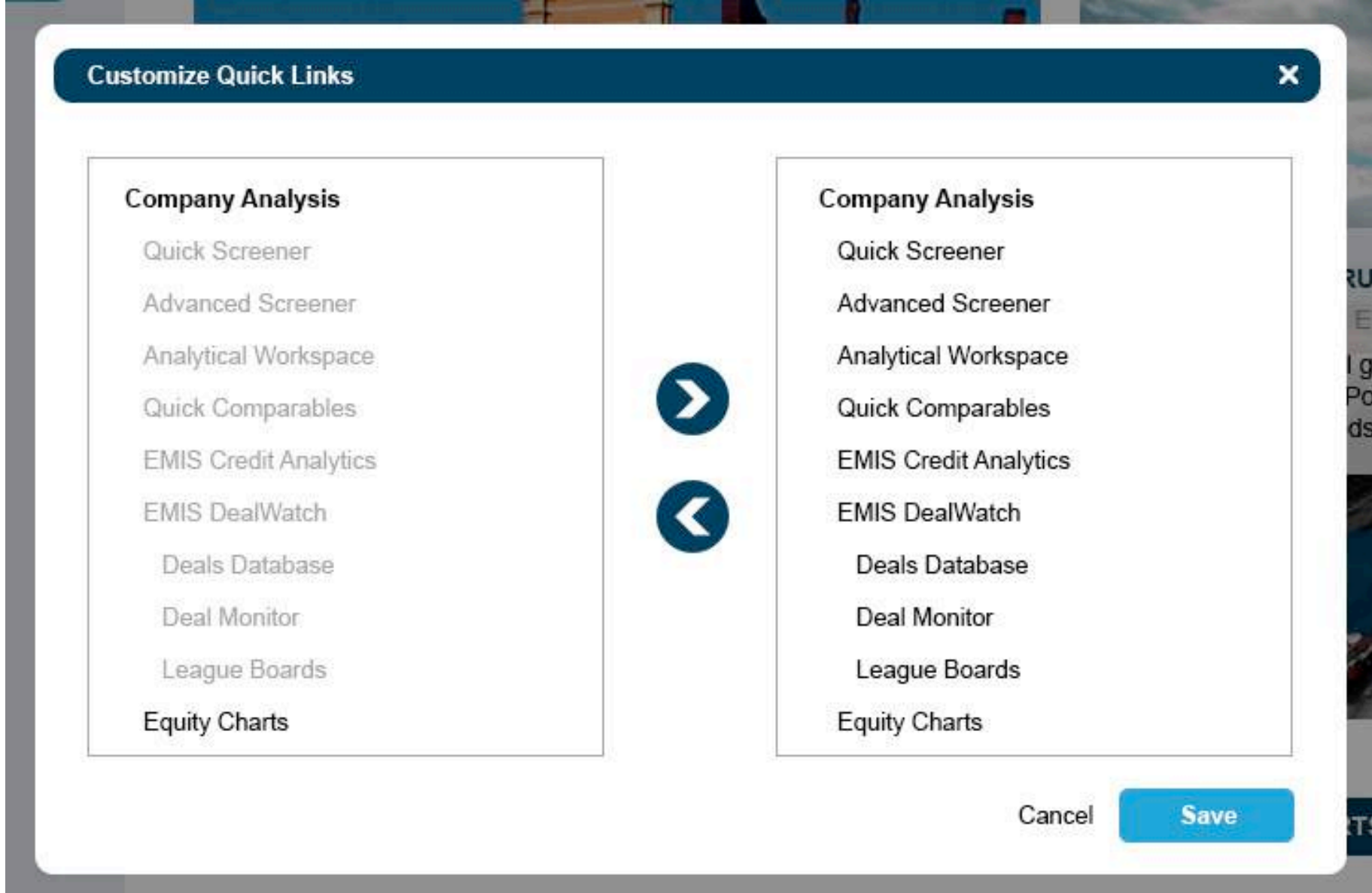
Quick Links in the top right corner of EMIS allows you to go directly to any of our services.

The screenshot displays the EMIS Professional dashboard interface. At the top, it shows the user's name 'DIEGO' and email 'diego@emis.com', along with a 'QUICK LINKS' dropdown menu and a 'LOG OFF' button. The main navigation bar includes categories like 'COMPANY ANALYSIS', 'INDUSTRY ANALYSIS', 'COUNTRY ANALYSIS', and 'SOURCES'. A central grid lists various services such as 'Quick Screener', 'Advanced Screener', 'Analytical Workspace', 'Quick Comparables', 'EMIS Credit Analytics', 'EMIS DealWatch', 'Deals Database', 'Deal Monitor', 'League Boards', 'Equity Charts', 'Fixed Income', 'Local Databases', and 'Company Report Builder'. Other sections include 'NEWS' (All News, Company News, Industry News, Country News) and 'REPORTS' (All Reports, Company Reports, Industry Reports, Country Reports, EMIS Insight Reports, EMIS DealWatch Reports). A 'MY EMIS' section is highlighted in red. At the bottom, there are buttons for 'ACCOUNT SETTINGS', 'USER GUIDE', 'CUSTOMISE QUICK LINKS', and 'INTERNAL TOOLS', along with a 'SERVICE' dropdown menu. A 'I WANT TO:' section on the right prompts the user to 'SELECT YOUR TASK' and provides guidance: 'Don't know which one to chose?' and 'Browse option above and find a solution for your task?'.

I.5 Dashboard Settings

 **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 X

Company Analysis

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

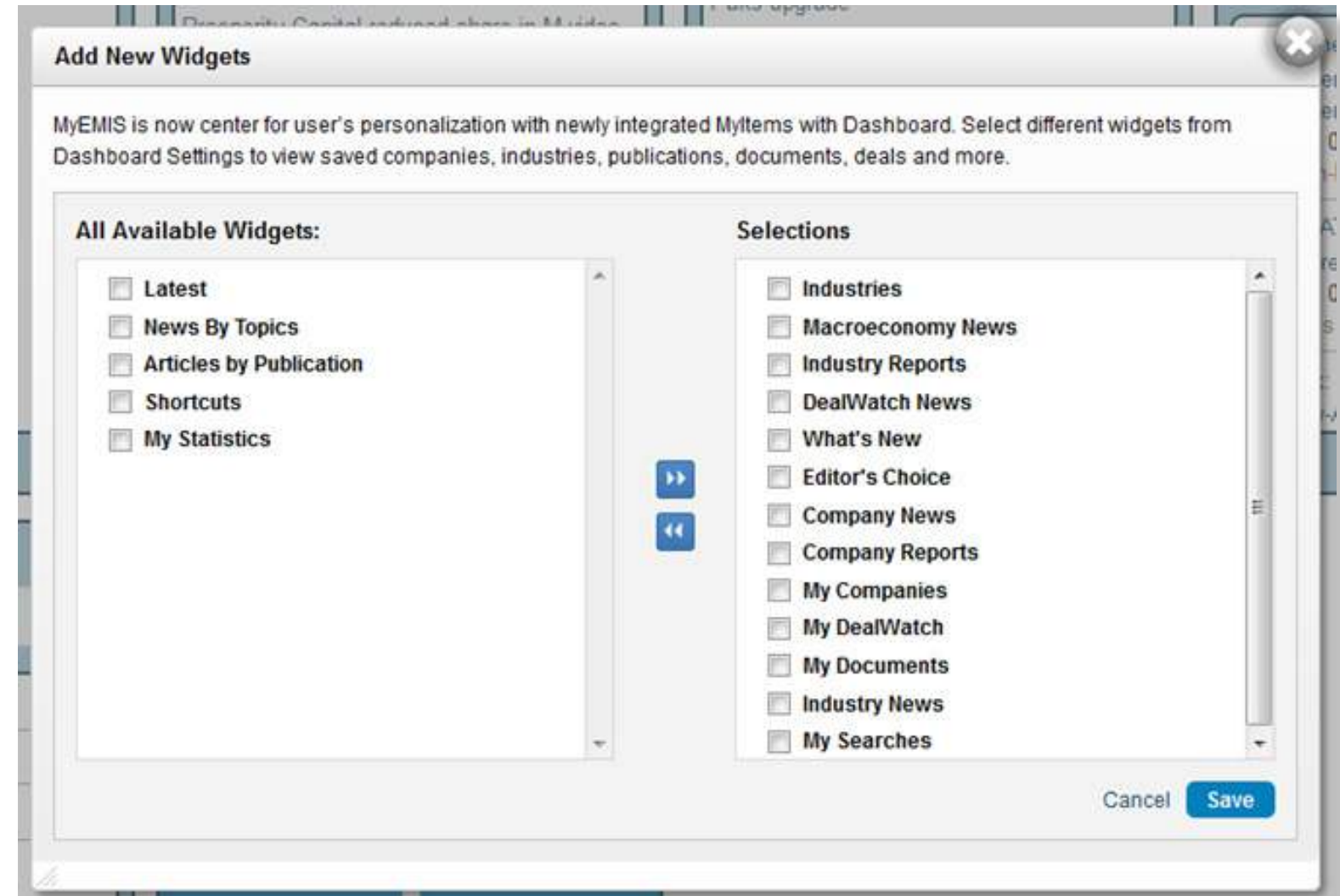
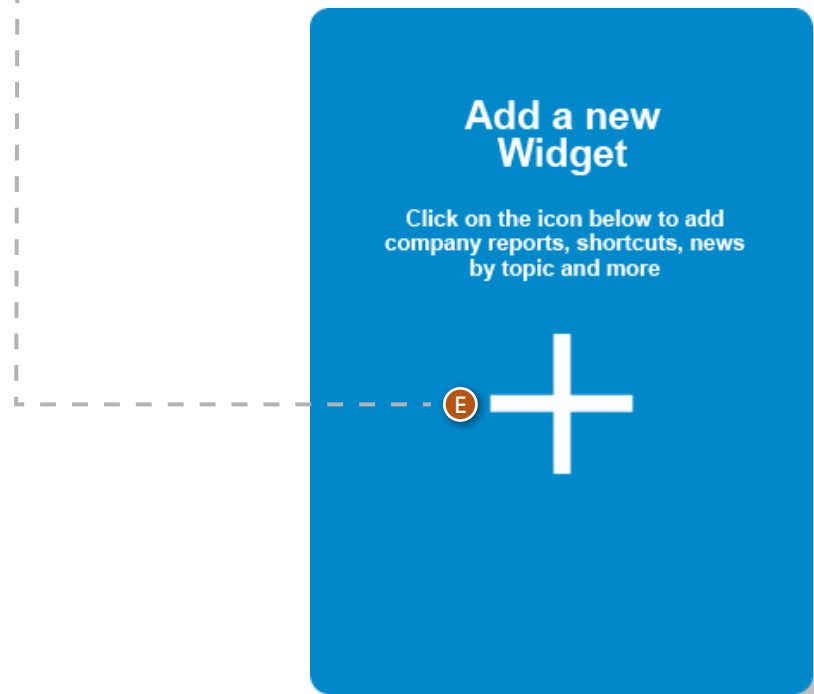
Company Analysis

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

Cancel **Save**

I.6 Add a New Widget

E If you click on the + button on the Add a New Widget placeholder, a popup will appear allowing you to change your widget selection.



I.7 Widget function

G When you make any customization, e.g. selected companies / industries / topics, your selections will be displayed in this dropdown menu



F **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

H By clicking on this link, you will be redirected to the corresponding EMIS page

I 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

The diagram illustrates three examples of country selection in the EMIS interface:

- A Search results:** A search bar with the text "automotive" and a search button. Below it, a navigation bar includes "All", "News", "Reports", "Companies", "Sources", and "More". A filter bar shows "All Archives", "India (779700)", and "English (788259)". A dashed line connects the "India (779700)" filter to the "Industry Profile" example.
- B Industry Profile:** A page titled "Agriculture for Poland" with a navigation bar including "Overview", "Benchmark", "Tools", "Statistics", "Companies", "Reports", "News", "M&A Deals", "Sources", and "Translate". A dashed line connects the "Agriculture for Poland" title to the "Company Quick Screener" example.
- C Company Quick Screener:** A "Quick Screener" section with a "Company Information" dropdown. It features two dropdown menus: "Regions and Countries" (set to "India") and "Industries" (set to "Select").

USER GUIDE - DASHBOARD

I.8 Add to Dashboard

1 You can use “Add to Dashboard” to save the item onto Dashboard. When you add something, you will see a successfully added message like below.



2 When an item is saved, corresponding My widget will be auto added if it is not on Dashboard with a “New” badge.



EMIS SEARCH

The screenshot displays the EMIS Professional search interface. At the top, the user is logged in as ANEGYESI. The interface includes navigation tabs for MY EMIS, COMPANY ANALYSIS, INDUSTRY ANALYSIS, COUNTRY ANALYSIS, and ANALYSIS PLUS. A search bar is present with a dropdown menu set to 'All text' and a 'Search' button. Below the search bar, there are filters for 'Last 12 Months', 'Countries', and '3 languages'. The search results show 20137628 items, sorted by Relevance. The results list includes several documents from Outlook Business, such as 'Vol14-Issue-12, June 7, 2019 stand', 'Page 82 Ceslavie-High Five', 'Page 80-81 CesLaVie-Hardbound', 'Page 78-79 Ceslavie-The GoodLife', and 'Page 76-77 CesLaVie-POH'. On the right side, there is a 'Recommended results' section featuring 'SeeNews' (SEE Power Market Review - 31 May 2019) and 'Garanti Securities' (Turkey - Garanti Securities - Company Reports - BAGFAS BANDIRMA GÜBRE FABRIKALARI (BAGFS) (May 31, 2019)).

I. The Search Bar



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.

EMIS SEARCH

I.I Mega Menu Booleans

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

The contents in the Mega Menu are:

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 will be visible here. If it is your first search performed, this field will be left blank.

B Regions 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.

C Language:

- 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.

D Date Range

- You can select here any publication date for which you want to see items in the search. The default is Last 12 month, but we remember your last choice by cookies.

D By clicking on More Filters, you will be navigated to the Advanced Search page with all filtering options.

E The keywords you add will be searched in the title of the content only

I.I Mega Menu Booleans

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

Keyword Transformation

- If you are starting typing and the last keyword you type matches a country/industry/publication type, we will offer you adding a filter instead of the keyword. E.g. if in the case displayed you click on Set filter: China, chin will be removed and China will be added as a country filter (replacing the currently selected 165 countries)
- Priority order is: country>publication type>industry
- Among industries the main ones are supported (2-3 digit NAICS usually).
- Supported publication types: news, reports, statistics
- Transformation is always based on your user interface language

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 page instead of the search results.
- 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 you search for telecom 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 the default), so if you do not add any other operators between keywords, we consider that you want to see all keywords in the results. If you type telecom industry for instance, 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 following: (PE OR “private equity”) AND ITES This search will retrieve articles containing any of the words (phrases) in within the parentheses, and the word ITES .
*	bank* This will retrieve articles containing words derived from bank: bank, banks, banking, banker , etc. It can be used only at the end of words.
?	The ? operator will substitute for any character . Use ? to search for words which can be spelled in different ways. For example: if you search for organi?ation , the search will retrieve results containing either organisation or organization .
%, \$, £, ¥, €, +	These special characters are considered in search, so if you will search for \$100 , your search results will not contain words without “\$”.
Stemming	When you are doing a single language search, we enable stemming. Stemming means that we find your keyword’s root form 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: manufacturing, manufacture, manufacturer, manufacturers etc. If you want to turn off stemming, put your keywords into quotation marks. Stemming is by default turned off in the following languages: Turkish, Hungarian

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

A

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.

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 :

Industries

- You will see items tagged to the industries of your choice.

Sources:

- Here you can select your preferred sources like a newspaper or a research provider.

Pages:

- You can select the length of the documents you want to search in. Please note that it works best for pdf and Word formats.

The screenshot shows the EMIS search interface for the keyword 'telecom'. The search bar at the top contains 'telecom' and a 'Search' button. Below the search bar is a navigation menu with 'All', 'News', 'Reports', 'Companies', 'Sources', and 'More'. A 'Less filters' button is visible. The filter section includes:

- Time:** Last 12 Months
- Countries:** A dropdown menu.
- Languages:** 3 languages
- Sources:** A dropdown menu.
- Industries:** A dropdown menu.
- Topics:** A dropdown menu.
- Document Format:** A dropdown menu.
- Pages:** ALL
- Hide Similar Articles:** A checkbox.

 The main results area shows 'Results: 154067' and a list of articles. The first article is 'Telecommunications (Central Europe) - Industry overview' with a sub-heading 'TELCO STOCKS CONTINUE SLIDE'. The second article is 'TELECOMMUNICATION'. A 'Select All' button and 'View Selected Articles' link are at the bottom of the results. On the right, there is an 'Advanced keyword search' section with 'Recommended results' including 'Macquarie Telecom', 'TPG Telecom Limited', 'COL FINANCIAL', 'Philippines - Telecom Sector', and 'CIMB'.

A

B

B

C

C

D

D

F

E

F

Search All Text, Title, Title and Abstract, Body:

- You might choose here in which part of the item's text you want to search. The default is search all text, which means that your keywords can appear in any part of the item.

Topics:

- Here you might select Topics you are interested in like Industry Research, Negative News and many more.

Advanced Keyword Search

- Use this hyperlink for easy Boolean builder and searching in multiple document fields.

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.

Results can be sorted by relevance (default), date and other parameters depending on the tab selected.

ADVANCED KEYWORDS SEARCH

I.4 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.

B

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.

C

C

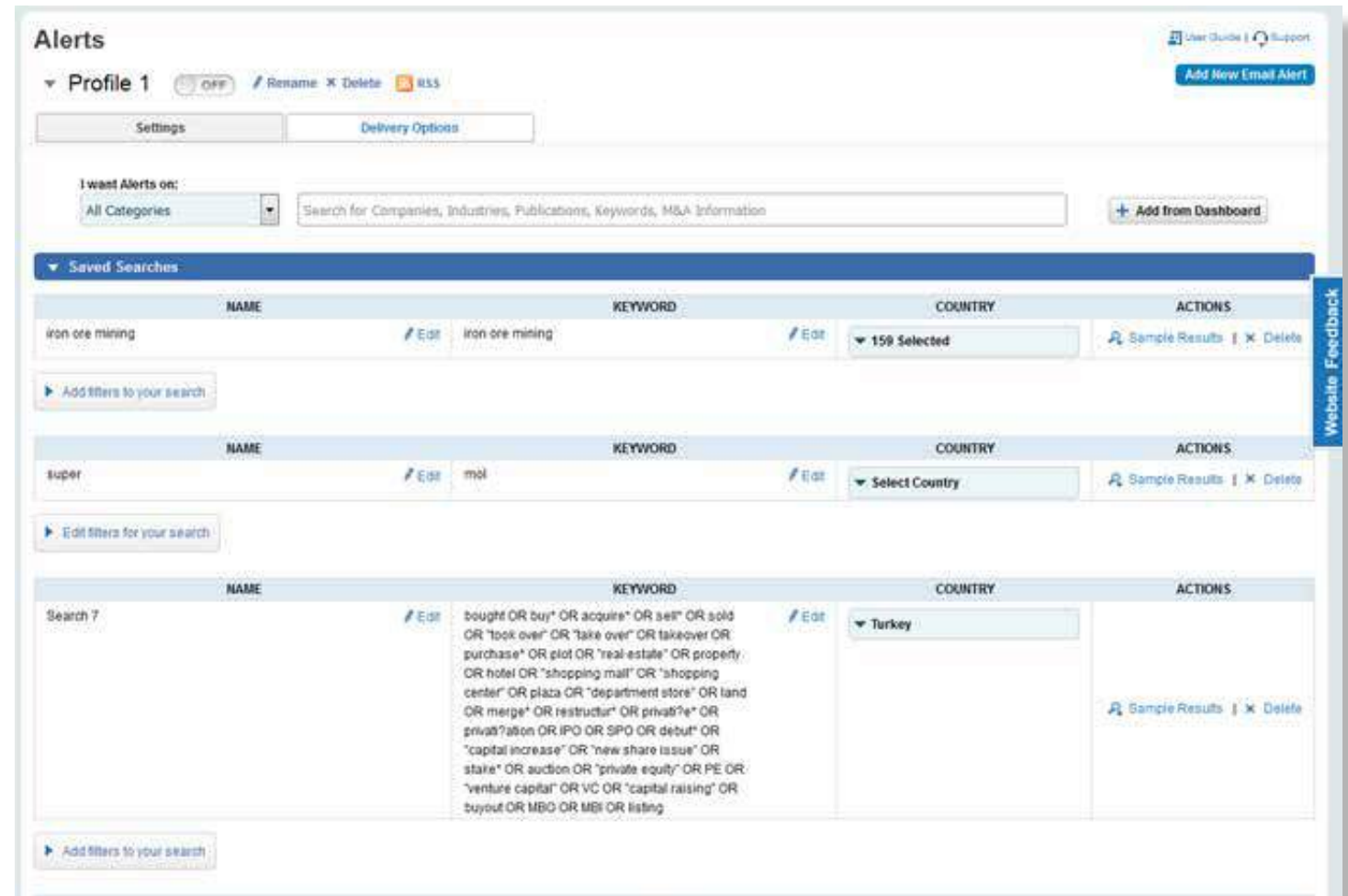
Simple keyword search

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

1.1 Landing Page

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

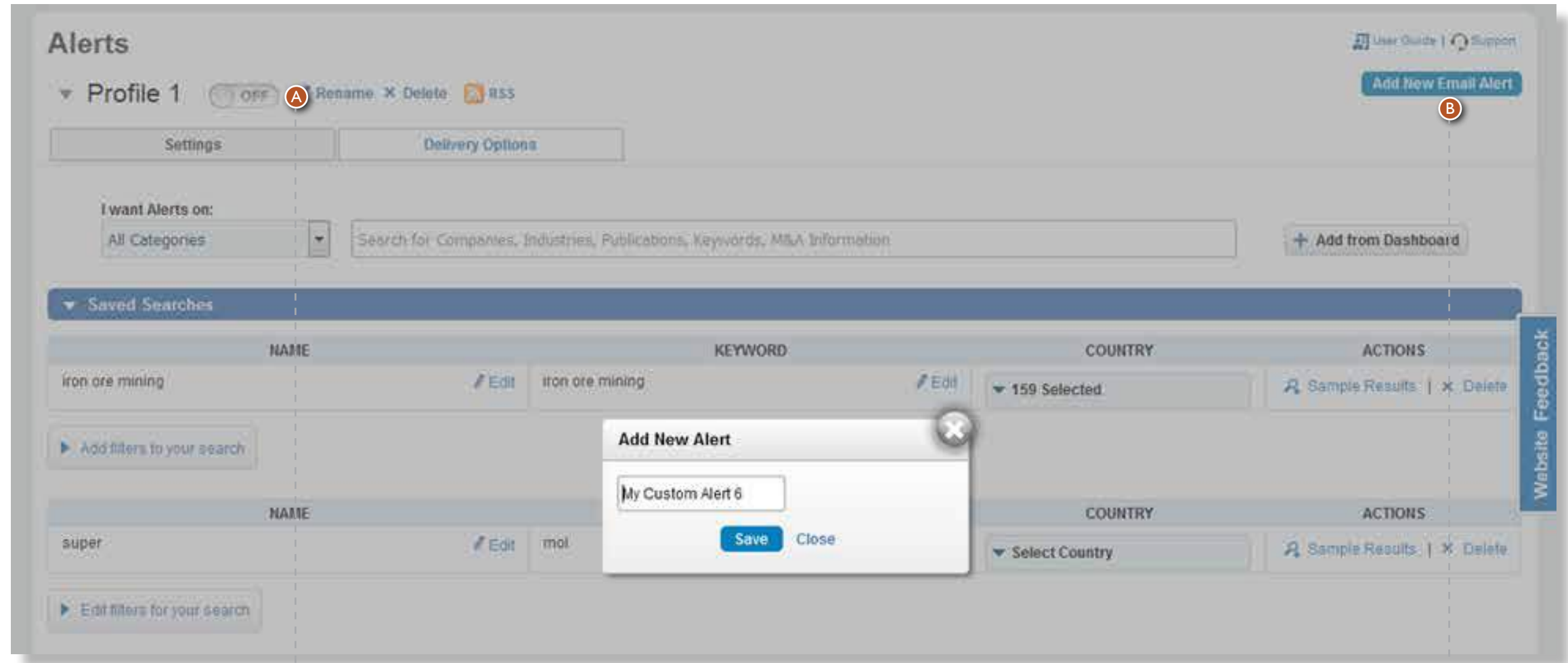
- Up to 20 customizable saved searches
- Editor's Choice from different countries
- News and reports from top Industries
- News and reports from specific companies,
- Updates on publications



USER GUIDE - E-MAIL ALERT

1.2 Settings

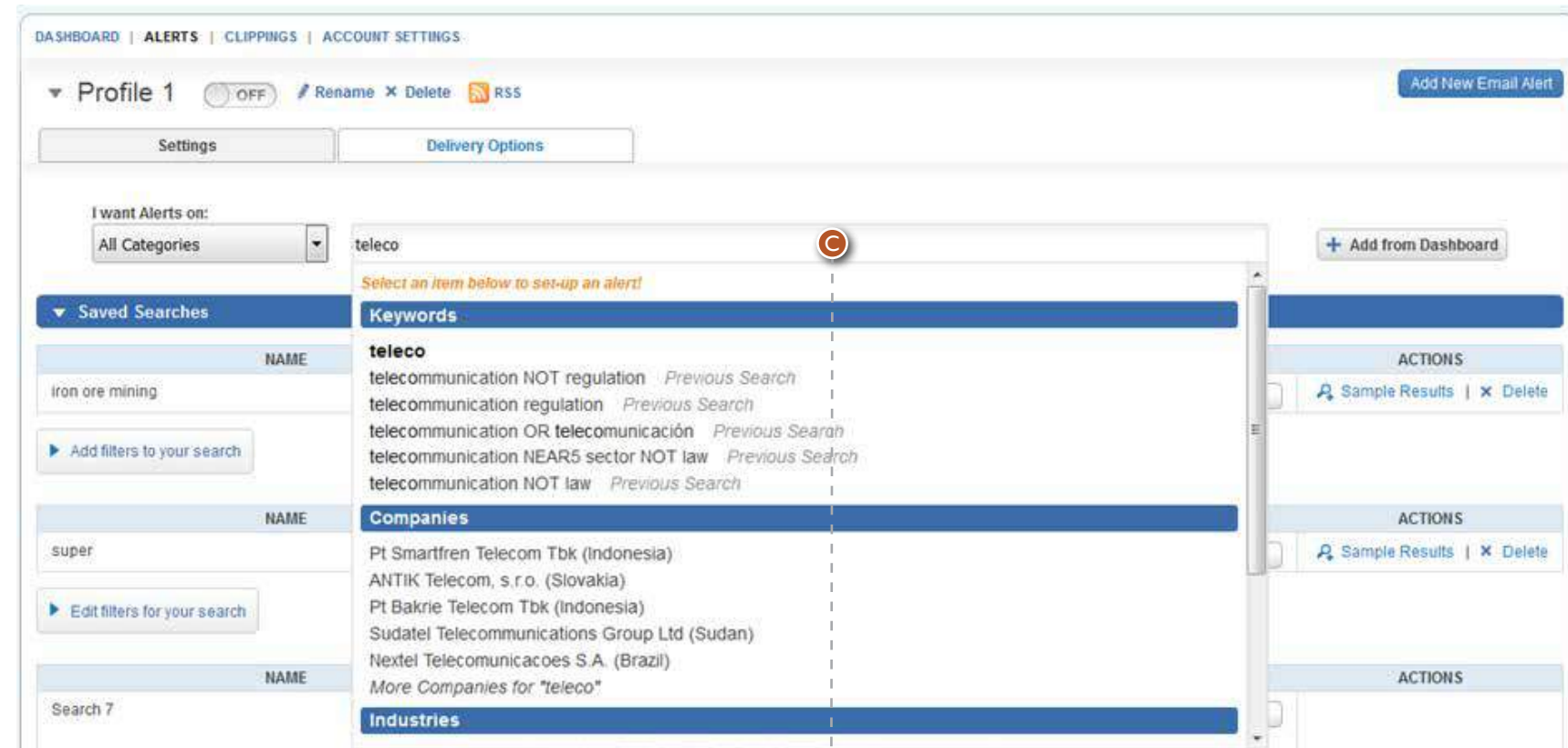
After you created a saved search, you can edit the keywords, restrict the search to specific Regions and/or Countries.



A If you decide to temporary disable the Alert you can simply switch the alert to Off

B Click on Add New Email Alert to create a new alert

1.2.1 Create alerts



C 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:

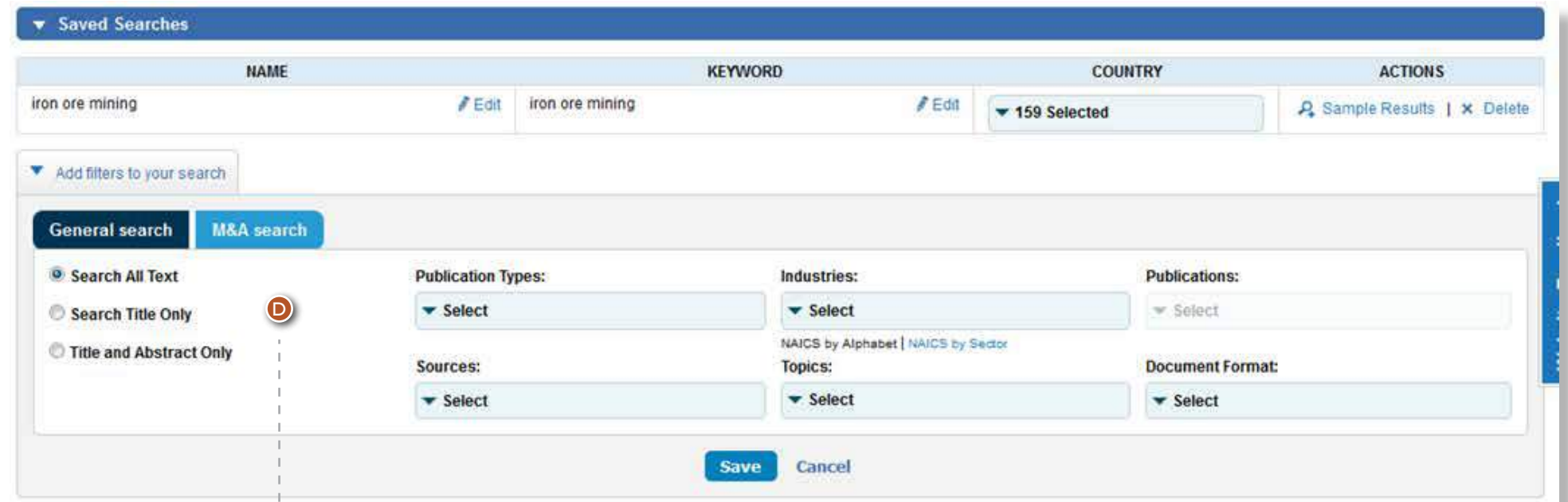
- Keywords
- Countries – Editor's Choice
- Companies
- Industries
- Publications

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

USER GUIDE - E-MAIL ALERT

1.2.2. Saved Searches

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



The screenshot shows the 'Saved Searches' interface. At the top, there is a table with columns: NAME, KEYWORD, COUNTRY, and ACTIONS. A search named 'iron ore mining' is listed with 'iron ore mining' as the keyword and '159 Selected' as the country. Below the table is a filter configuration panel with tabs for 'General search' and 'M&A search'. The 'General search' tab is active, showing options for 'Search All Text', 'Search Title Only', and 'Title and Abstract Only'. There are also dropdown menus for 'Publication Types', 'Sources', 'Industries', 'Topics', 'Publications', and 'Document Format'. A 'Save' button and a 'Cancel' button are at the bottom of the filter panel.

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

1.2.2.2. Editor's Choices

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



The screenshot shows the 'Editor's Choice' interface. It features a dropdown menu labeled 'I want Alerts on:' with the option 'Countries - Editor's Choice' selected. Below the dropdown is a search box containing the text 'Pola'. A message below the search box reads 'Select an item below to set-up an alert!'. Below the search box is a table with a column labeled 'NAME' and a row containing the text 'Poland'.

USER GUIDE - E-MAIL ALERT

1.2.2.3. Companies

You can add up to 20 companies for each alert

Companies				
NAME	OPTIONS	COUNTRY	ACTIONS	
Bank Of China Limited	<input type="button" value="E"/> ALL	China	<input type="button" value="X"/> Delete	

E Once you have added a company, you can select type of content (news or reports) you would like to receive:

1.2.2.4. Industries

You can add up to 20 industries for each alert

Industries				
NAME	OPTIONS	COUNTRY	ACTIONS	
Agriculture, Forestry, Fishing and Hunting	<input type="button" value="F"/> ALL	41 Selected	<input type="button" value="X"/> Delete	
Construction	<input type="button" value="F"/> ALL	41 Selected	<input type="button" value="X"/> Delete	
Mining (except Oil and Gas)	<input type="button" value="F"/> ALL	41 Selected	<input type="button" value="X"/> Delete	
Retail Trade	<input type="button" value="F"/> ALL	Poland	<input type="button" value="X"/> Delete	
Software Publishers	<input type="button" value="F"/> ALL	China	<input type="button" value="X"/> Delete	

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

USER GUIDE - E-MAIL ALERT

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.

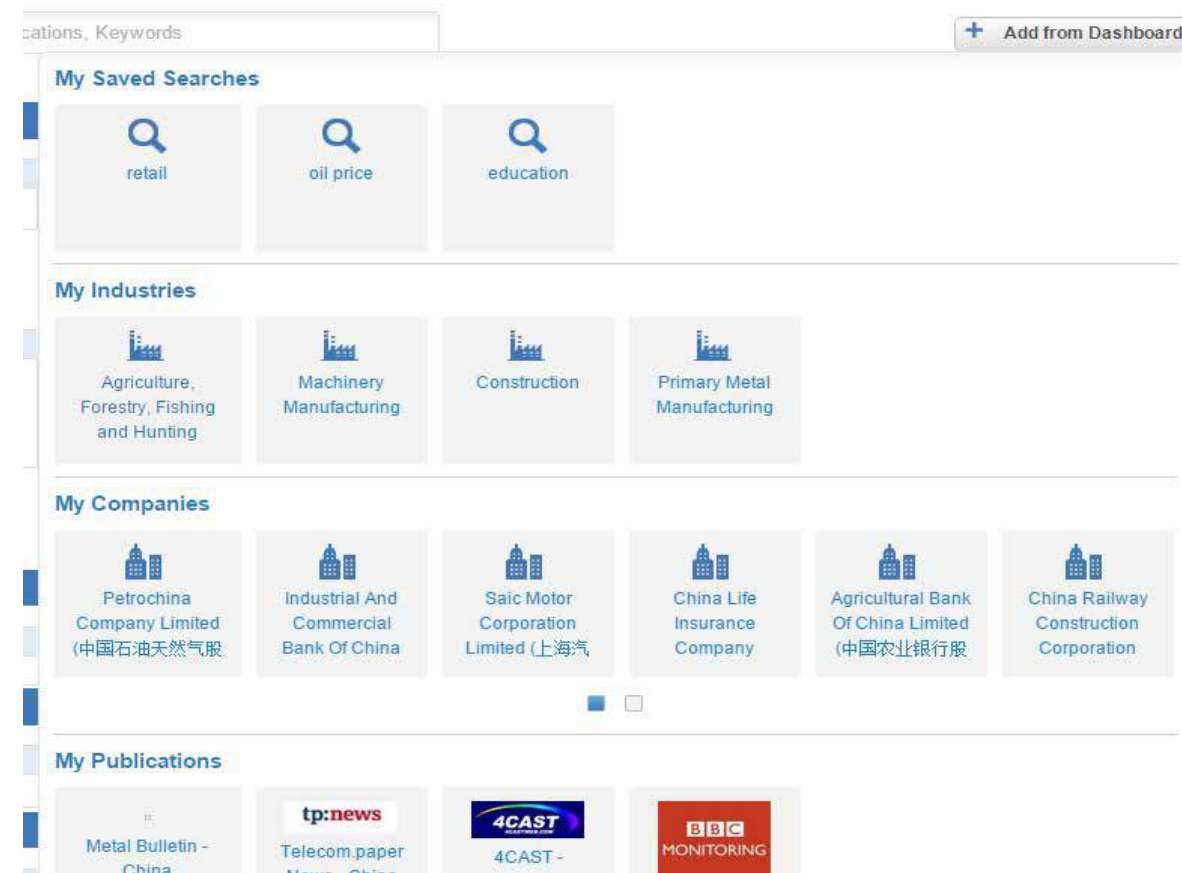
Publications			
NAME	OPTIONS	COUNTRY	ACTIONS
BBC Monitoring		▼ 48 Selected	✕ Delete
Economic Analysis		▼ China	✕ Delete

 In case a publication is available for more than one country, you can specific which countries you want to receive alerts

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 screenshot shows a popup menu titled "Add from Dashboard" with the following sections:

- My Saved Searches:** retail, oil price, education
- My Industries:** Agriculture, Forestry, Fishing and Hunting; Machinery Manufacturing; Construction; Primary Metal Manufacturing
- My Companies:** Petrochina Company Limited (中国石油天然气股); Industrial And Commercial Bank Of China; Saic Motor Corporation Limited (上海汽); China Life Insurance Company; Agricultural Bank Of China Limited (中国农业银行股); China Railway Construction Corporation
- My Publications:** Metal Bulletin - China; tp:news Telecom paper News China; 4CAST - 4CAST - ; BBC MONITORING

USER GUIDE - E-MAIL ALERT

I.3 Recent Emails

Here you can read latest 25 alert emails.

The screenshot displays the 'My Custom Alert' interface. At the top, there are controls for the alert: 'On OFF', 'Rename', 'Delete', 'RSS', and 'Add New Email Alert'. Below this are tabs for 'Recent Emails', 'Settings', and 'Delivery Options'. The main content area shows an alert from May 24, 2015, 23:10 (GMT) with a 'Show More Emails' link. It includes options to 'Resend this Email to the user' or 'Resend this Email to the user as an attachment'. The alert title is 'Alert: My Custom Alert 1 | Results Found: Saved Searches (116)'. There are buttons for 'View Selected Articles' and 'View All Articles'. Below this is a section for 'Q Saved Searches' with a sub-section for 'Alert Search 1 - Czech Republic'. The first search result is titled 'UDÁLOSTI: Drobné poznámky' with a date of May 24, 2015, and source 'Neviditelný pes'. The second search result is 'Alert Search 1 - Developed Countries', which contains three items: 'News in Brief' (date: May 24, 2015, source: MAN_BULL), 'Bank Dhofar Oman issues debut Additional Tier 1 Capital Securities' (date: May 24, 2015, source: AMEINFO_FINANCE), and 'India is ready for Smart Cities' (date: May 25, 2015, source: Deccan Chronicle).

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

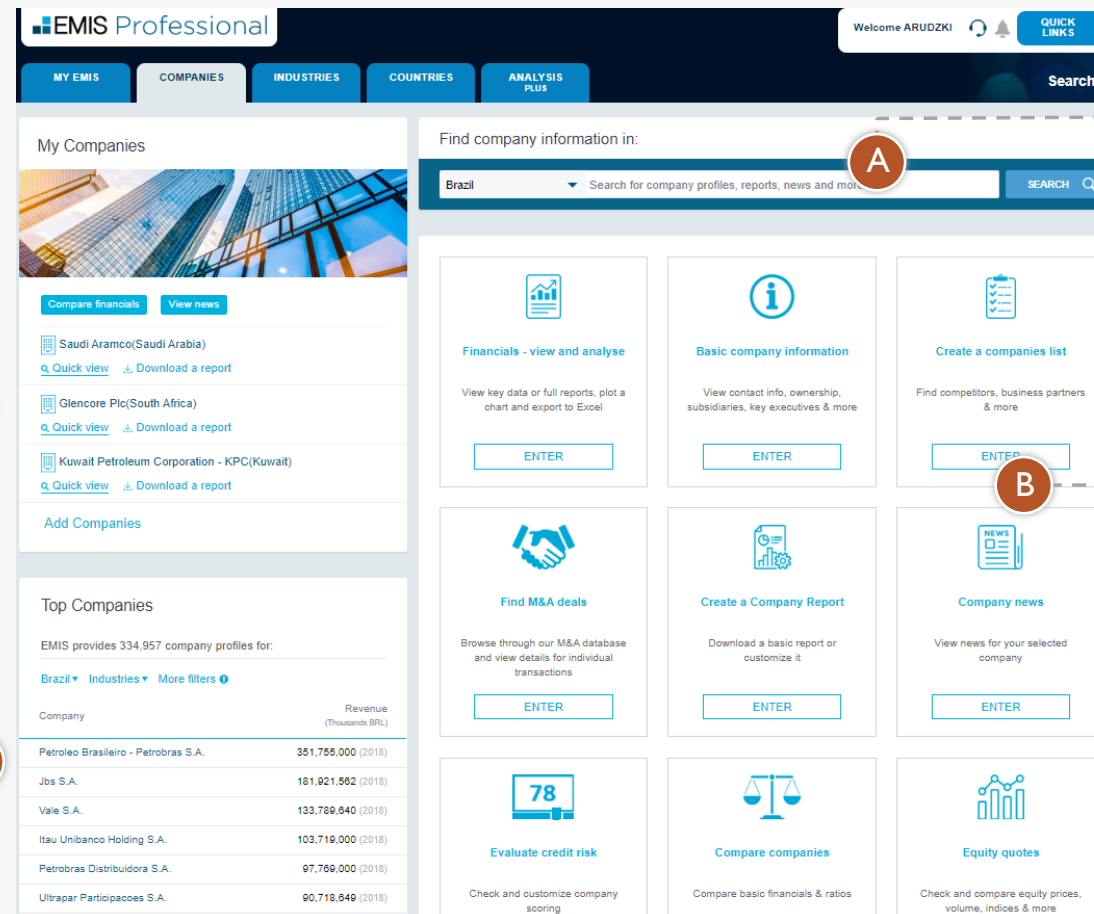
The screenshot shows the 'Delivery Options' tab for 'Profile 1'. At the top right, there is an 'Add New Email Alert' button. Below the profile name, there are tabs for 'Settings' and 'Delivery Options'. A 'Copy Alerts' section contains a form with 'Username' and 'Email Address' fields and a 'Submit' button. A red note below this section states: 'Note: copying delivery options from another username will overwrite the user's setup. Create a new profile for adding a new alert if you don't want to overwrite an existing alert.' The main settings area includes an 'Email Address' field with 'anegyesei@emis.com', an 'Email Format' section with radio buttons for HTML (selected), TXT, PDF, and a checkbox for 'Send as Attachment'. The 'Language' dropdown is set to 'English, Hungarian'. The 'Miscellaneous' section has checkboxes for 'Show Abstract' and 'Remove duplicates', both of which are checked. The 'Delivery Schedule' section has three dropdowns: '5 Selected', '09:00', and 'Europe/Budapest'. At the bottom right, there are 'Clear All' and 'Save' buttons. A vertical 'Website Feedback' button is on the right edge of the interface.

1.1 Landing page

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

Save companies you monitor for quick access

Check top companies for selected country and industry with an option to view more



The screenshot shows the EMIS Professional interface. At the top, there's a navigation bar with 'MY EMIS', 'COMPANIES', 'INDUSTRIES', 'COUNTRIES', and 'ANALYSIS PLUS'. A search bar is located on the right. Below the navigation, there are three main sections: 'My Companies', 'Find company information in:', and 'Top Companies'. The 'My Companies' section lists Saudi Aramco, Glencore Plc, and Kuwait Petroleum Corporation. The 'Find company information in:' section has a search box with 'Brazil' selected and a grid of widgets for 'Financials - view and analyse', 'Basic company information', 'Create a companies list', 'Find M&A deals', 'Create a Company Report', 'Company news', 'Evaluate credit risk', 'Compare companies', and 'Equity quotes'. The 'Top Companies' section shows a table of companies in Brazil with their revenue.

Company	Revenue (Thousands BRL)
Petroleo Brasileiro - Petrobras S.A.	351,755,000 (2018)
Jbs S.A.	181,621,562 (2018)
Vale S.A.	133,789,840 (2018)
Itau Unibanco Holding S.A.	103,719,000 (2018)
Petrobras Distribuidora S.A.	97,769,000 (2018)
Ultrapar Participacoes S.A.	90,718,849 (2018)

A Use the search box to find company profile or any other company related information

B Check the widgets to quickly navigate to the type of information or a tool you need

C — **C**

D — **D**

3.5.2.1 Landing Page

Companies
Country: 144 Selected

QUICK SCREENER | ADVANCED SCREENER | ANALYTICAL WORKSPACE | ANALYTICAL TOOLS | LOCAL DATABASES | EQUITY CHARTS | REPORTS | NEWS

Company Information

Regions and Countries: 32 selected
Industries: Select
City/State/County: [Input Field]
Operational Status: Select
Linked/Unlinked: Select

Basic Financials

Total Assets: [Slider: 716 to 404288] | 507422 (Current Match) | 808415 (Cumulative Matches)

Total Operating Revenue: [Slider: 4 to 288112] | 795137 (Current Match) | 808415 (Cumulative Matches)

Net Profit(Loss): [Slider: -2176 to 11422] | 795252 (Current Match) | 808415 (Cumulative Matches)

Quick Preview of your results
Sort By: Total Operating Revenue

Num	Country	Company	Total Operating Revenue
1	Colombia	Smart Concrete S.U.	2,668,111.48
2	Colombia	Syte Infraestructura y Tecnología S.A.S.	2,126,532.74
3	China	CHINA PETROLEUM & CHEMICAL CORPORA.	462,400.91
4	Hong Kong	China Petroleum & Chemical Corporation (H.K.)	457,436.33
5	China	PETROCHINA COMPANY LIMITED (中国石化)	364,311.70
6	Hong Kong	PetroChina Company Limited (中国石化)	364,612.06
7	Hong Kong	Glencore Xstrata plc	232,694.00
8	Korea	SAMSUNG ELECTRONICS CO., LTD.	146,633.20
9	Brazil	Petrobras Braskem - Petrobras S.A.	141,630.36
10	Taiwan	Merina Precision Ind. Co., Ltd. (新南興)	133,151.99
11	Mexico	Prox S.A. de C.V.	125,933.90
12	Russia	Gazprom OAO (Газпром ОАО)	123,277.66
13	Russia	Novel Oil Company OAO (Новел Ойл)	111,089.00
14	China	CHINA STATE CONSTRUCTION ENGINEERING	109,634.98
15	Hong Kong	China Mobile Limited (中国移动通信集团)	101,752.89
16	Singapore	Indo Group Limited	97,881.40
17	China	INDUSTRIAL AND COMMERCIAL BANK OF C.	95,207.01
18	China	SINO HOTEL CORPORATION LIMITED (锦江酒店)	95,072.25
19	Hong Kong	China Railway Construction Corporation Lim.	94,747.25
20	China	CHINA RAILWAY CONSTRUCTION CORPOR.	94,740.67
21	Malaysia	Petroleum Nasional Berhad (PETRONAS)	94,133.70
22	Hong Kong	Industrial and Commercial Bank of China Lim.	93,472.50
23	Thailand	PTT Public Company Limited	92,935.87
24	Qatar	Qatar Petroleum SOE (قطر للبترول)	90,749.68
25	China	CHINA RAILWAY GROUP LIMITED (中国铁路集团)	90,412.53
26	Hong Kong	China Railway Group Limited (中国铁路集团)	87,233.88
27	India	Indian Oil Corporation Ltd.	84,876.08
28	Hong Kong	China Construction Bank Corporation (中国建设银行)	82,532.33
29	China	CHINA CONSTRUCTION BANK CORPORATI.	82,123.49

Companies: 1-28 / 808415 | page 1 / 808415

The Company Screening Tool is a powerful query tool, that allows you to filter our company database by several criteria such as:

- 9 basic criteria like Geographics, Industries and many more,
- 17 items from Balance Sheet and Income statement,
- 9 valuation figures like Enterprise Value or Book Value,
- 17 ratios including profitability, efficiency, liquidity, leverage and growth trend ratios.

3.5.2.1.1 Company Information

▼ Company Information

Regions and Countries
▼ 92 selected

City/State/County ⓘ
[Empty text input]

Operational Status
▼ Select

Industries ⓘ
▼ Select
NAICS by Alphabet | NAICS by Sector

ALL Main Activities Secondary Activities

Listed/Unlisted
▼ Select

+ Add More ⓘ

If you select multiple options within a box (e.g. two industries), you will see companies fitting at least one of the selected criteria (having at least one of the two industries you selected). If you select criteria in multiple boxes, the results must meet with all the criteria selected in the boxes. For instance if you selected Poland and India in the Countries and Regions box and USD 100mn as a minimum revenue among Basic Financials, you will see Polish and Indian companies with revenues over USD 100mn among the results.

- ⓘ Indices can be selected only after you selected at least one stock exchange.
- ⓘ You can add more filters by using the Add More option.

3.5.2.1.2 Basic Financials

Basic Financials C USD Millions Year Latest

Move slider bars to select a range, or click below a chart to enter specific values.

Total Assets Remove

716 8242258 807458 Criteria Matches 808415 Cumulative Matches

or Enter Specific Value

Total Operating Revenue Remove

0 2666112 795137 Criteria Matches 808415 Cumulative Matches

or Enter Specific Value

Net Profit(Loss) Remove

-21758 114825 798282 Criteria Matches 808415 Cumulative Matches

or Enter Specific Value

Add More

C You can filter companies by financials and ratios from the last 5 years or the last reported year.

The available currencies are euro and US dollar and if you have selected only one country in Countries and Regions box, the currency of that country. Financials are converted to euro and US dollar based on

C IFRS standards. (Balance sheet figures converted with end of period, Income Statement items are converted with average of the period exchange rates). You can select currencies and units in the respective dropdown.

We support millions and thousands and in case of INR Tens of Millions.

D You can screen by using sliders or boxes. Negative values and decimals are supported.

Sliders

Total Assets Remove

0 6639830 49974 Criteria Matches 49975 Cumulative Matches

or Enter Specific Value

E In the Quick Company Screener's Basic Financials part sliders give you a fast way to set the minimum and maximum values you want to screen for.

- The numbers marked with "E" show you the minimum and maximum values for financials for the companies available by the filters you have selected in Company Basics. E.g. if you have selected India and Oil & Gas there, you will see the maximum and minimum values of the Total Assets of Indian Oil& Gas companies.
- The numbers in the sliders are always given in the currency and units you have selected in Basic Financials. They are valid for the period you have selected for screening.

USER GUIDE - QUICK SCREENER

Total Assets Remove

0 or 6639830

49974 Criteria Matches | 49974 Cumulative Matches

F Enter Specific Value

F You can move the sliders either by grabbing them or just by clicking on the sidebar. In the black boxes below you see the actual minimum and maximum values selected for screening.

Total Assets Remove

0 or 6639830

49974 Criteria Matches | 49974 Cumulative Matches

G

G On the right side of the slider you see two values:

- **Criteria Matches:** It gives you the number of results as if only this Basic Financial Screening item would be selected with every other current filters in Company Basics.
- **Cumulative Matches:** It gives you the number of results as if this filter, all other Basic Financial filters above it and all current filters in Company Basics would be selected.

Total Assets Remove

0 or 6639830

49974 Criteria Matches | 49974 Cumulative Matches

H

H By clicking on Remove, the filter will be deleted from the screening.

Total Assets Remove

0 or 6639830

49974 Criteria Matches | 49974 Cumulative Matches

I Enter Specific Value

I If you click on “Enter Specific Value”, the sidebar will turn into minimum and maximum value boxes, so you will be able to filter by typing numbers instead of moving the sliders.

Total Assets Remove

-1234567 or 1234567890

29,890 Criteria Matches | 269 Cumulative Matches

J Go back to chart

J By clicking on “Go back to chart”, you will be returned to the slider view.

K + Add More

K If you want to add more Basic Financials for screening, click on add more and you will be able to add additional Financials, Ratios, Market Data etc.

USER GUIDE - QUICK SCREENER

3.5.2.1.2 Quick Preview

Quick Preview of your results

Sort By: Total Operating Revenue L

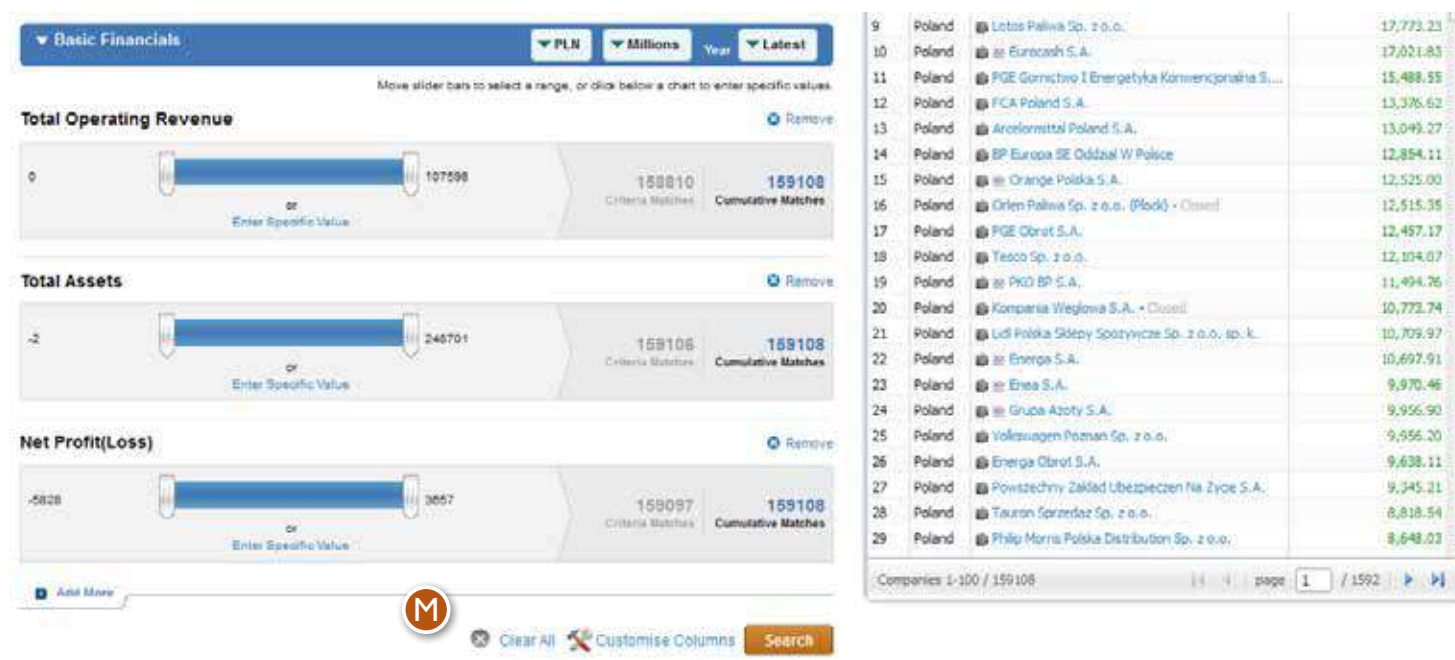
Num	Country	Company	Total Operating Revenue
1	Poland	PKN Orlen S.A.	107,598.00
2	Poland	PGNIG S.A.	34,304.00
3	Poland	Jeronimo Martins Polska S.A.	32,886.57
4	Poland	PGE S.A.	29,698.00
5	Poland	Lotos S.A.	28,528.59
6	Poland	KGHM Polska Miedz S.A.	21,414.00
7	Poland	PZU S.A.	19,968.92
8	Poland	Tauron Polska Energia S.A.	18,674.07
9	Poland	Lotos Paliwa Sp. z o.o.	17,773.23
10	Poland	Eurocash S.A.	17,021.83
11	Poland	PGE Gornictwo I Energetyka Konwencjonalna S...	15,488.55
12	Poland	FCA Poland S.A.	13,376.62
13	Poland	Arcelormittal Poland S.A.	13,049.27
14	Poland	BP Europa SE Oddzial W Polsce	12,854.11
15	Poland	Orange Polska S.A.	12,525.00
16	Poland	Orlen Paliwa Sp. z o.o. (Plock) - Closed	12,515.35
17	Poland	PGE Obrot S.A.	12,457.17
18	Poland	Tesco Sp. z o.o.	12,104.07
19	Poland	PKO BP S.A.	11,494.76
20	Poland	Kompania Weglowa S.A. - Closed	10,773.74
21	Poland	Lidl Polska Sklepy Spozywcze Sp. z o.o. sp. k.	10,709.97
22	Poland	Energa S.A.	10,697.91
23	Poland	Enea S.A.	9,970.46
24	Poland	Grupa Azoty S.A.	9,956.90
25	Poland	Volkswagen Poznan Sp. z o.o.	9,956.20
26	Poland	Energa Obrot S.A.	9,638.11
27	Poland	Powszechny Zaklad Ubezpiezen Na Zycie S.A.	9,345.21
28	Poland	Tauron Sprzedaz Sp. z o.o.	8,818.54
29	Poland	Philip Morris Polska Distribution Sp. z o.o.	8,648.03

Companies 1-100 / 159108 page 1 / 1592

- The Quick Preview feature displays you a snapshot about your search.s results.
- The box is updated automatically.
- The numbers within it are displayed in the currency and unit you have selected in Basic Financials screening.

L By using the dropdown menu in the box you can change the ranking orders to any financials/ratios/valuation figures supported.

3.5.2.2 Customize Columns

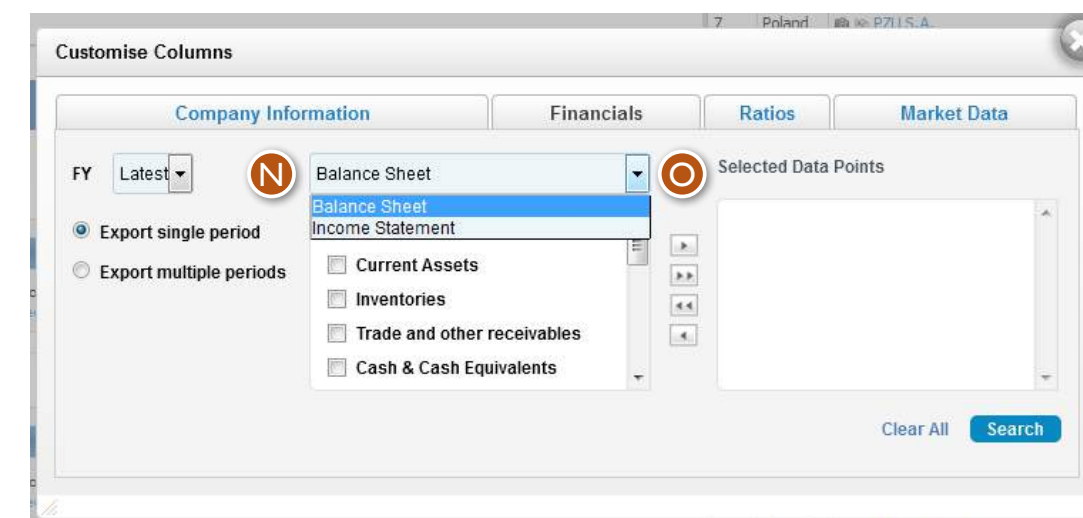


The screenshot shows the 'Basic Financials' section with three filter bars: Total Operating Revenue (0 to 107598), Total Assets (-2 to 240701), and Net Profit(Loss) (-5828 to 3857). A table of companies is displayed on the right, sorted by revenue. The table includes columns for rank, country, company name, and revenue.

Rank	Country	Company Name	Revenue
9	Poland	Lotos Paliwa Sp. z o.o.	17,773.23
10	Poland	Eurocech S.A.	17,021.83
11	Poland	PGE Grupa Energetyczna Komercyjna S.A.	15,488.55
12	Poland	FICA Poland S.A.	13,376.62
13	Poland	ArcelorMittal Poland S.A.	13,049.27
14	Poland	BP Europa SE Oddział W Polsce	12,854.11
15	Poland	Orange Polska S.A.	12,525.00
16	Poland	Orlen Paliwa Sp. z o.o. (Płock) - Closed	12,515.35
17	Poland	PGE Obrót S.A.	12,457.17
18	Poland	Yescos Sp. z o.o.	12,104.07
19	Poland	PKO BP S.A.	11,494.76
20	Poland	Kompernia Węgłowa S.A. - Closed	10,773.74
21	Poland	Lud Polska Sklepy Spozywcze Sp. z o.o. sp.k.	10,705.97
22	Poland	Energa S.A.	10,697.91
23	Poland	Enea S.A.	9,970.46
24	Poland	Grupa Azoty S.A.	9,956.90
25	Poland	Volkswagen Poznan Sp. z o.o.	9,956.20
26	Poland	Energa Obrót S.A.	9,638.11
27	Poland	Powsteczny Zakład Ubezpieczeń Na Życie S.A.	9,345.21
28	Poland	Tauron Sprzedaż Sp. z o.o.	8,818.54
29	Poland	Philip Morris Polska Distribution Sp. z o.o.	8,648.02

M Here you can select the data you would like to see in the results page.

- The default pre-selected options are: Company ranking, Country, Total Revenues, Year of Financials, Audited, Consolidated and the screening options you selected in search criteria.
- We also select all items you screened for.
- You can select any number of items to be displayed.



The 'Customize Columns' popup window shows tabs for Company Information, Financials, Ratios, and Market Data. The Financials tab is active, showing a dropdown menu with 'Balance Sheet' and 'Income Statement'. Below the dropdown are checkboxes for 'Current Assets', 'Inventories', 'Trade and other receivables', and 'Cash & Cash Equivalents'. A 'Selected Data Points' box is on the right. The window also includes 'Export single period' and 'Export multiple periods' radio buttons, and 'Clear All' and 'Search' buttons.

In the Customize Columns popup data is sorted by content types in the tabs. In all the tabs you see two boxes:

N Left box

- Here you see available data points which you can add to Selected Data Points in the right box by using their checkbox and the single right arrow.
- If you click on the double right arrow all items from the box will be added to Selected Data points.
- You can use the dropdown to see the data for items in it. E.g. in the financials tab we sort data points for Balance Sheet and Cash Flow.

O Selected Data Points Box

- Items in this box will be displayed in the results page.
- Only items of the current tab are displayed in it.
- You can remove items here by clicking on their checkbox and the left arrow. If you click on the double left arrow all items you see will be removed. If you click on the Clear All button, all items will be removed, not only items from the respective tab.

After you have finished selecting items here, click on Apply. To see the results you also need to click on the Search button in the landing page.

USER GUIDE - QUICK SCREENER

3.5.2.3 Results Page

In the results page you will see the companies matching your search criteria. You can change the order of columns by drag-and-dropping them or you might delete them as well after clicking on their title. Changing the order of companies is also possible by clicking on a column title and choosing ascending or descending order.

P If you would like to see your Search Criteria, click on View Criteria.

R If you would like to remove some companies, please use the checkboxes next to their names and click on the Delete Selected Button.

S If you would like to change the currency, click on one of the options and wait a few seconds.

Num	Country	Company	Industry	Total Operating	Fiscal Year	Audited	Consolidated	Source
1	Poland	PKY Orlen S.A.	Petroleum Refine	107,598.00	2014	Y	Consolidated	CorporateDB/No...
2	Poland	PGNG S.A.	Natural Gas Distr	34,304.00	2014	Y	Consolidated	CorporateDB/No...
3	Poland	Jerónimo Martins Polska S.A.	Grodery and Rel	32,886.57	2013	Y	Individual	InfoCredit - Com...
4	Poland	PGE S.A.	Biopess Electric	29,698.00	2014	Y	Consolidated	CorporateDB/No...
5	Poland	Lotos S.A.	Petroleum Refine	28,528.59	2014	Y	Consolidated	CorporateDB/No...
6	Poland	KGHM Polska Miedz S.A.	Other Metal Ore	21,414.00	2014	Y	Consolidated	CorporateDB/No...
7	Poland	PDJ S.A.	Insurance Carri	19,969.92	2014	Y	Consolidated	CorporateDB/No...
8	Poland	Tauron Polska Energia S.A.	Fossil Fuel Electri	18,674.07	2014	Y	Consolidated	CorporateDB/No...
9	Poland	Lotos Polska Sp. z o.o.	Petroleum and P	17,773.23	2013	Y	Individual	Blanode Dun Bra...
10	Poland	Eurocash S.A.	Grodery Stores a	17,021.85	2014	Y	Consolidated	CorporateDB/No...
11	Poland	PGE Gornictwo i Energetyka Konwencjonalna S.A.	Electric Power G	15,488.53	2012	Y	Individual	Blanode Dun Bra...
12	Poland	PCA Poland S.A.	Automobile Deal	13,376.62	2014	Y	Individual	Blanode Dun Bra...
13	Poland	Arkelomittel Poland S.A.	Iron and Steel M	13,049.27	2014	Y	Individual	Blanode Dun Bra...
14	Poland	BP Europa SE Oddzial w Polsce	Petroleum and P	12,894.11	2013	Y	Individual	Blanode Dun Bra...
15	Poland	Orange Polska S.A.	Satellite Telecom	12,525.00	2014	Y	Consolidated	CorporateDB/No...
16	Poland	Orlen Polska Sp. z o.o. (Pilot) - Closed	Petroleum and P	12,515.35	2013	Y	Individual	Blanode Dun Bra...
17	Poland	PGE Gbrot S.A.	Electric Power Tr	12,457.17	2014	Y	Individual	Blanode Dun Bra...
18	Poland	Tesco Sp. z o.o.	General Merchan	12,104.07	2013	Y	Individual	Blanode Dun Bra...

T If you would like to modify your search or columns displayed, click on the Refine or Customize Display buttons over the results.

U After you have the list you wanted, click on the Export button to download the data in Excel.

3.5.2.3 Export to Excel

Export to Excel

Company Information | Financials | Ratios | Market Data

Select range: 1-1000
Export to excel available for the first 10,000 companies

FY: Latest

Export single period
 Export multiple periods

Balance Sheet

- Total Assets
- Current Assets
- Inventories
- Trade and other receivables
- Cash & Cash Equivalents

Selected Data Points

- Total Operating Revenue

Submit

After you click on the Export button, you will see a pop-up. Here you can select the data you want to export by clicking on the checkbox next to them. All columns you viewed in results are selected by default. You can export multiple years of financials by selecting the Export Multiple Periods option.

Data can be downloaded in batches of 1,000 with the following limitations:

- Searches with exactly one industry selected have no limitations.
- By any searches not matching 1) the first 10,000 results might be downloaded.
- Demo users can only download a sample file.

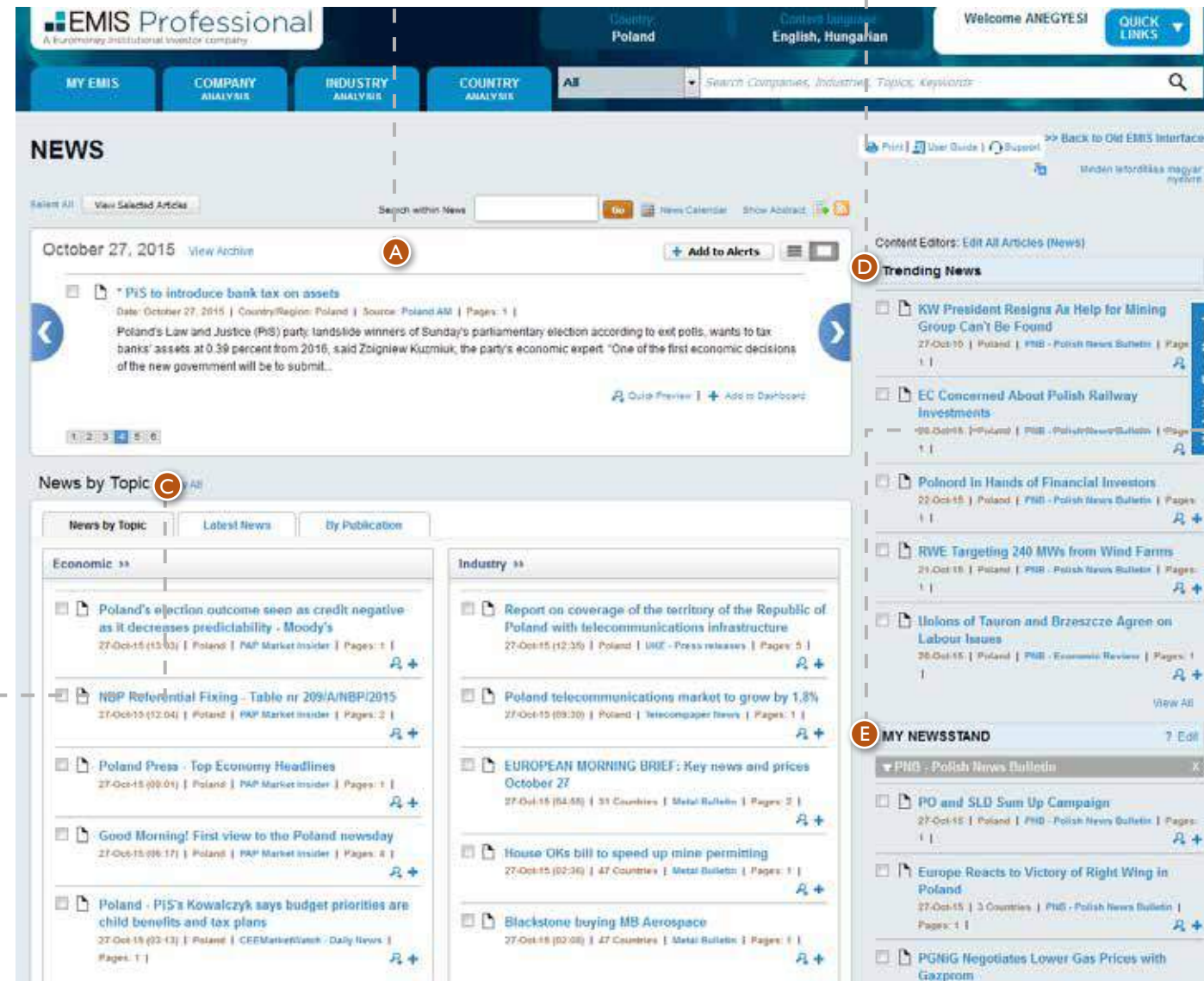
News

The News section is designed to provide you with quick access to thousands of news sources in 15 languages from nearly 100 countries.

The news platform can be accessed through Quick Links

A Editor's Choice: The Editor's Choice content provides a selection of the most important stories of the day for the respective country or region, put together by the EMIS editorial team from leading local and global publications. Two views are provided for this section: abstract view and listed view. Under abstract view, only one top story article will be displayed at one time, with abstract, user can use the numbers below to switch to other articles.*

C News by Topics: Our editors select the relevant news for each country and categorize the information into six sections – Political, Company, Industry, Financial Markets, Economic and Environmental for easy access.**



D Trending News: You can see five most viewed News in the last 7 days.

E My Newsstand: For quick access to your favorite publications, select the publications you wish to display on your News page.

News

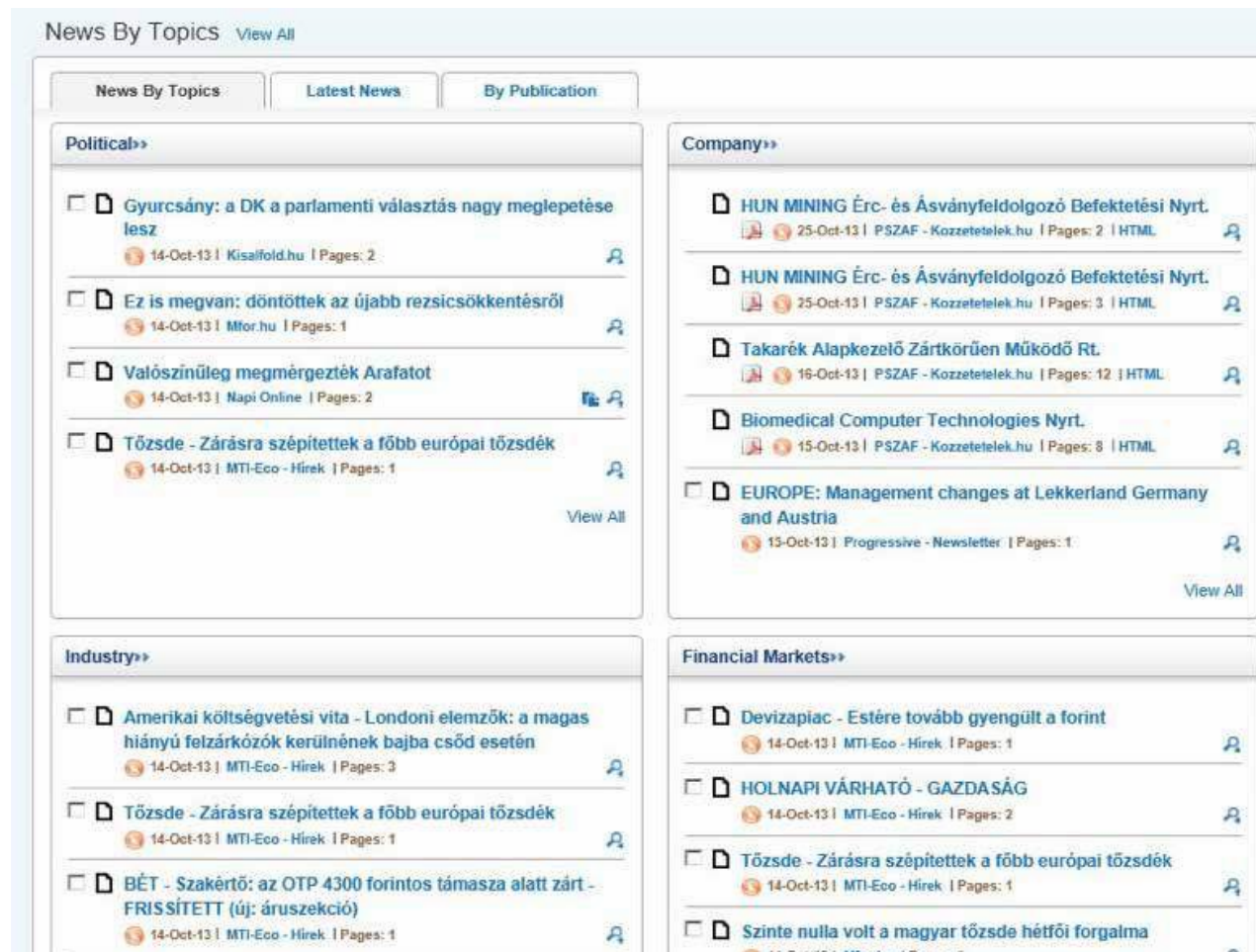
The News section is designed to provide you with quick access to thousands of news sources in 15 languages from nearly 100 countries.

The news platform can be accessed through Quick Links

*



**



Reports

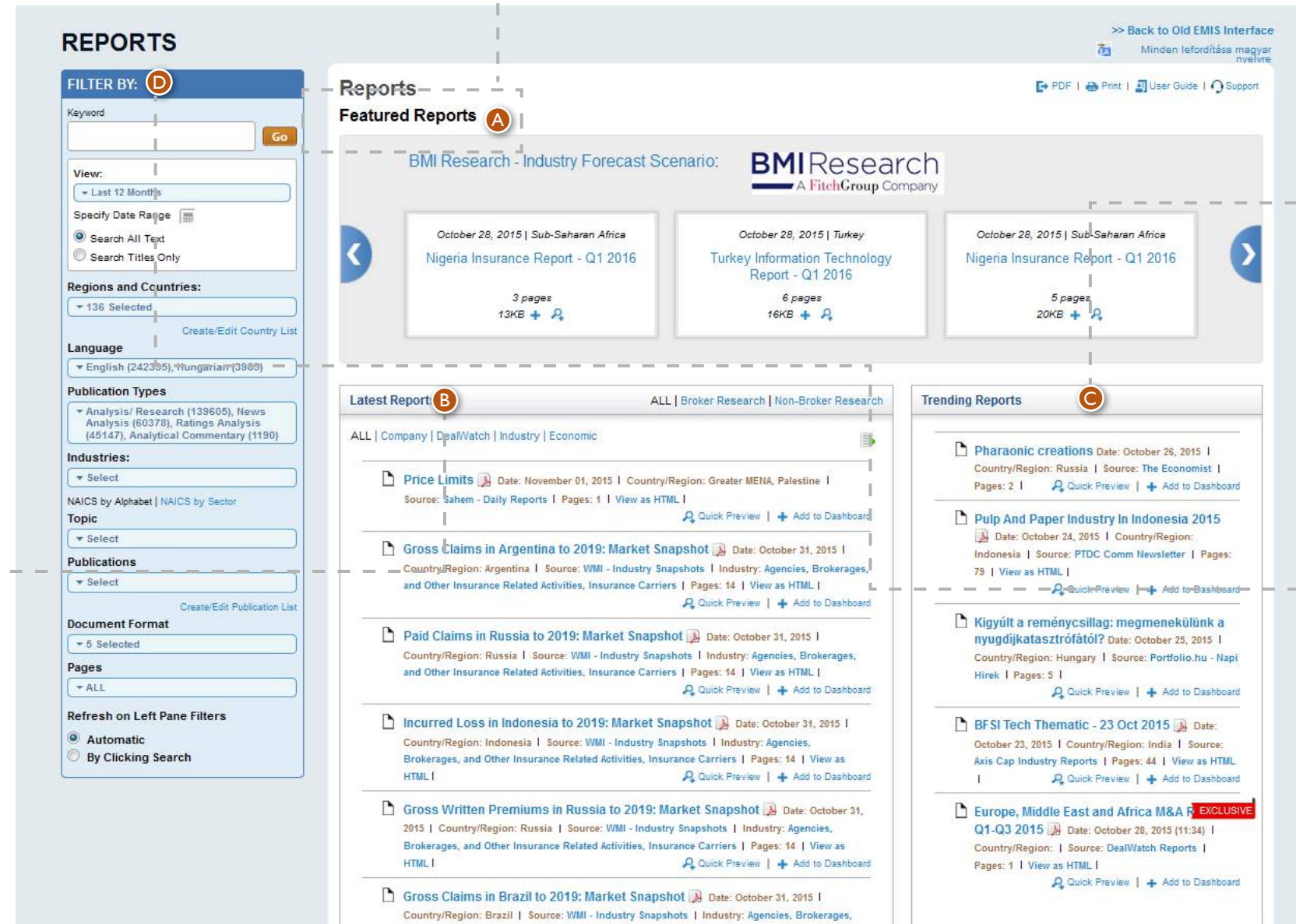
EMIS is a premier provider of a comprehensive collection of industry information, corporate and analytical content on the world's emerging markets. The Reports section of the service offers quick and easy access to the most credible research and analytical sources available in a single location.

Search through more than 2,800 trusted business and financial sources from around the world. Gain industry insight from Dun & Bradstreet, Oxford Economics, Business Monitor International, Standard & Poor's and more.

- A Featured Reports:**
This section displays the latest three reports from the following premium research publications:
- Emerging Markets Insight (EMI)
 - Datamonitor Industry Profiles
 - BMI - Industry Forecast Scenario
 - Euromonitor - Sector Capsules
 - Mergent - Asia Pacific Industry Reports
 - BMI - Risk, Reward Report

- B Latest reports:** In this section you can find the latest research reports from the best local and global research firms, brokerage houses and analysts. Some reports are in PDF format, you may need to download Adobe Acrobat.

You can select and access multiple reports and customize your query by selecting your preferred document format and the number of its pages.



The screenshot displays the EMIS Reports interface with several key sections:

- REPORTS FILTER BY:** A sidebar on the left containing filters for Keyword, View (Last 12 Months), Specify Date Range, Search All Text, Search Titles Only, Regions and Countries (136 Selected), Language (English, Hungarian), Publication Types, Industries, NAICS by Alphabet/Sector, Topic, Publications, Document Format (5 Selected), and Pages (ALL). It also includes a 'Refresh on Left Pane Filters' section with 'Automatic' and 'By Clicking Search' options.
- Featured Reports (A):** A carousel showing three reports: 'Nigeria Insurance Report - Q1 2016' (3 pages, 13KB), 'Turkey Information Technology Report - Q1 2016' (6 pages, 16KB), and another 'Nigeria Insurance Report - Q1 2016' (5 pages, 20KB).
- Latest Report (B):** A list of reports including 'Price Limits' (Nov 01, 2015), 'Gross Claims in Argentina to 2019: Market Snapshot' (Oct 31, 2015), 'Paid Claims in Russia to 2019: Market Snapshot' (Oct 31, 2015), 'Incurred Loss in Indonesia to 2019: Market Snapshot' (Oct 31, 2015), 'Gross Written Premiums in Russia to 2019: Market Snapshot' (Oct 31, 2015), and 'Gross Claims in Brazil to 2019: Market Snapshot' (Oct 31, 2015).
- Trending Reports (C):** A list of trending reports including 'Pharaonic creations' (Oct 26, 2015), 'Pulp And Paper Industry In Indonesia 2015' (Oct 24, 2015), 'Kigyűlt a reménycsillag: megmenekülünk a nyugdíjkatasztrófától?' (Oct 25, 2015), 'BFSI Tech Thematic - 23 Oct 2015' (Oct 23, 2015), and 'Europe, Middle East and Africa M&A Q1-Q3 2015' (Oct 28, 2015).

- Trending reports:**
You can see most viewed Reports in the last 7 days.

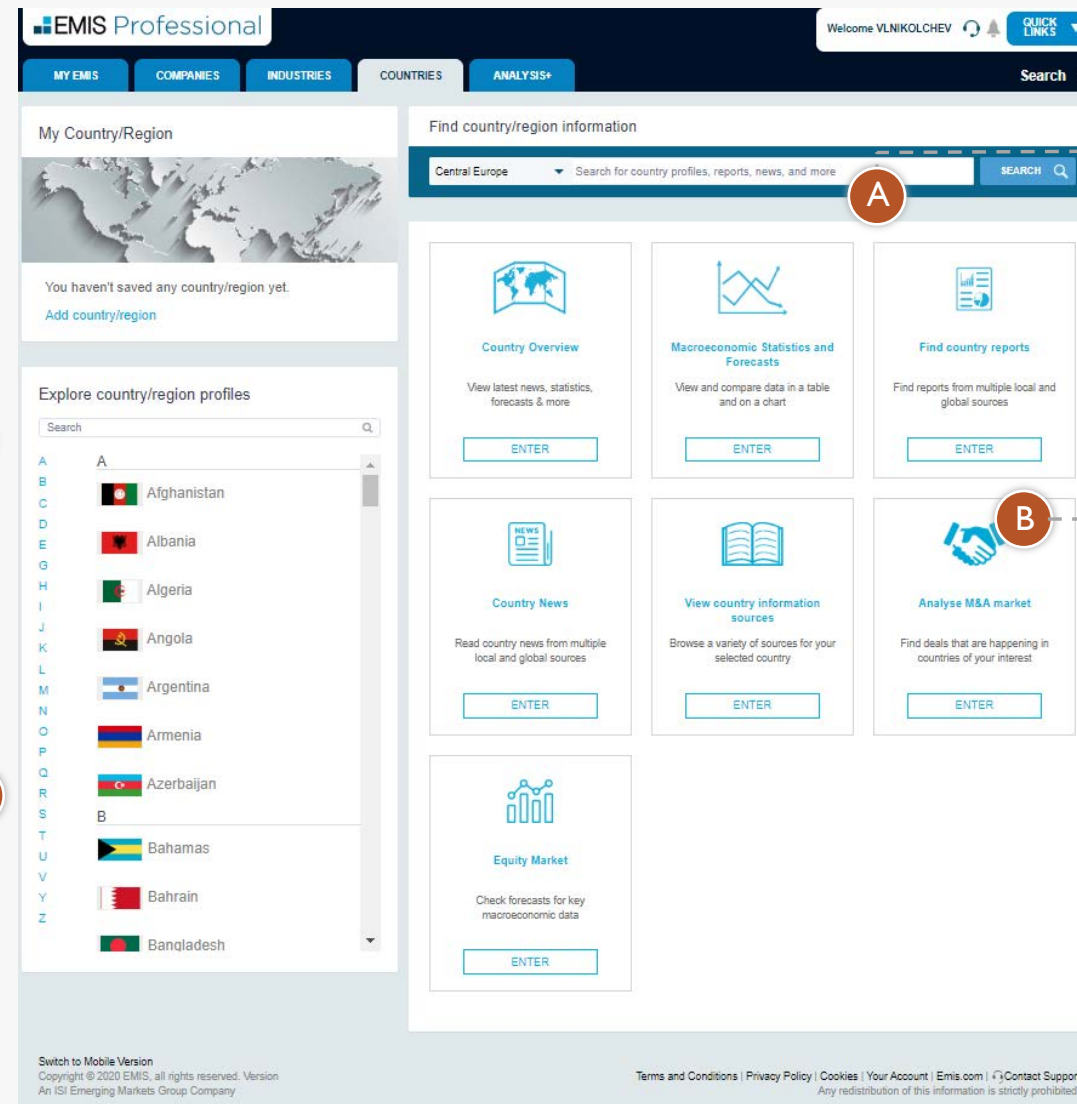
- Filter by:** Filter your search for any particular report using the criteria provided in the “Filter by” section, and click on “Get Results” to retrieve documents based on your query.

1.1 Landing page

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

Save country profiles you monitor for quick access

Browse the list to find a country profile you need



A Use the search box to find country profile or any other country related information

B Check the widgets to quickly navigate to the type of information B or a tool you need

C -- **C**

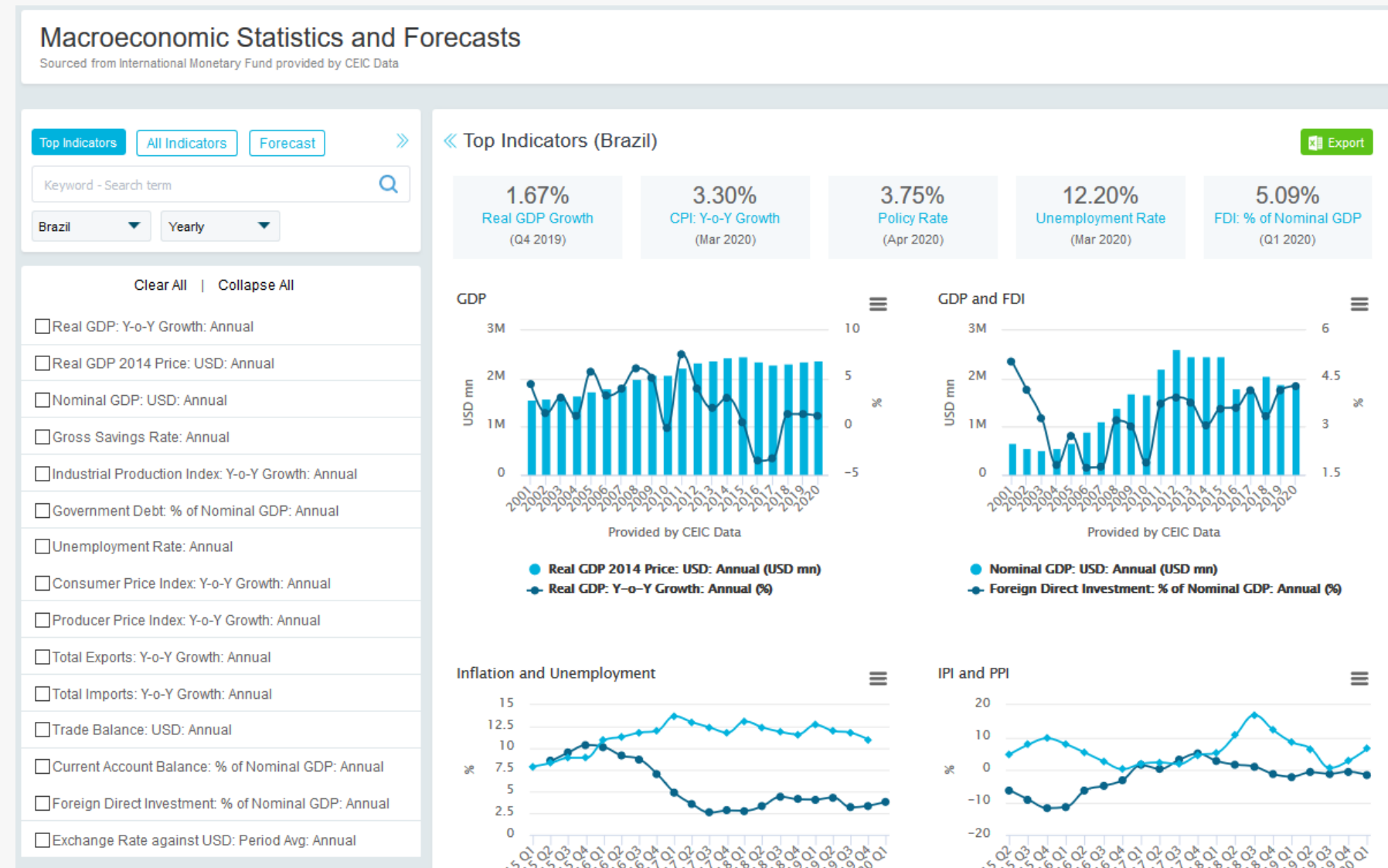
D -- **D**



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.



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.

Macroeconomic Statistics and Forecasts
Sourced from International Monetary Fund provided by CEIC Data

Top Indicators (Brazil)

Keyword - Search term

Brazil Yearly

Clear All | Collapse All

- Real GDP: Y-o-Y Growth: Annual
- Real GDP 2014 Price: USD: Annual
- Nominal GDP: USD: Annual
- Gross Savings Rate: Annual
- Industrial Production Index: Y-o-Y Growth: Annual
- Government Debt: % of Nominal GDP: Annual
- Unemployment Rate: Annual
- Consumer Price Index: Y-o-Y Growth: Annual
- Producer Price Index: Y-o-Y Growth: Annual
- Total Exports: Y-o-Y Growth: Annual
- Total Imports: Y-o-Y Growth: Annual
- Trade Balance: USD: Annual
- Current Account Balance: % of Nominal GDP: Annual
- Foreign Direct Investment: % of Nominal GDP: Annual
- Exchange Rate against USD: Period Avg: Annual

Key Indicators:

- 1.67% Real GDP Growth (Q4 2019)
- 3.30% CPI: Y-o-Y Growth (Mar 2020)
- 3.75% Policy Rate (Apr 2020)
- 12.20% Unemployment Rate (Mar 2020)
- 5.09% FDI: % of Nominal GDP (Q1 2020)

Charts:

- GDP:** Bar chart showing Real GDP 2014 Price: USD: Annual (USD mn) and Real GDP: Y-o-Y Growth: Annual (%) from 2001 to 2020.
- Inflation and Unemployment:** Line chart showing Inflation (%) and Unemployment Rate (%) from 2015 Q1 to 2020 Q1.
- GDP and FDI:** Multi-country comparison charts for Real GDP: Y-o-Y Growth: Annual, Consumer Price Index: Y-o-Y Growth: Annual, Nominal GDP: USD: Annual, and Unemployment Rate: Annual, comparing China, India, Brazil, Russia, and South Korea.

Export:

A

A

B

B

C

C

D

D

Export here data tables in Excel.

Exporting charts in picture format is available here.

Multi-country landing page.

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.

Tab selection is Top Indicators **A**

Search here by keywords, countries and frequency. **B**

Select data series and countries to display here. (For single country selection the +/- expand/collapse option is hidden.) **C**

Data selection is displayed here. Options are: **D**

- 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 data coverage length
- Export: export data in Excel
- Add to Dashboard: link to current page is saved to Dashboard
- Share link: gives you link to current page

Macroeconomic Statistics and Forecasts

Sourced from International Monetary Fund provided by CEIC Data

Top Indicators
All Indicators
Forecast

Keyword - Search term

190 countries... Yearly

Clear All | Collapse All

Real GDP: YoY Growth: Annual

- Albania
- Algeria
- Argentina
- Armenia
- Australia
- Austria
- Azerbaijan
- Bahrain
- Bangladesh
- Belarus
- Belgium
- Bolivia
- Bosnia and Herzegovina
- Botswana
- Brazil
- Brunei
- Bulgaria
- Cambodia
- Canada
- Chile
- China
- Colombia
- Croatia
- Cyprus

Selected 3 series

Custom period: 01/12/2015 - 01/12/2019

Clear All Selections Hide chart All Historical Data Export

+ Add to Dashboard Share link

Provided by CEIC Data

Sort by: Default

Country	Series name	Units	01/12/2015	01/12/2016	01/12/2017	01/12/2018	01/12/2019
Brazil	Real GDP: YoY: Annual	%	-3.55	-3.28	1.32	1.32	1.14
China	Real GDP: YoY: Annual	%	7.00	6.80	6.90	6.70	6.10
Russian Federation	Real GDP: YoY: Annual: Russia	%	-1.97	0.19	1.83	2.54	1.34

Source: [View details](#)

Source: [View details](#) **D**

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

All Indicators

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

In filters indicators (like National Accounts) and Units (like % or USD mn) are added. By navigating between tabs, only country filter will be kept.

Data is sorted by countries. Below countries you see the same structure for available data. Select whatever you want to display in the right pane.

Macroeconomic Statistics and Forecasts

Sourced from International Monetary Fund provided by CEIC Data

Top Indicators
All Indicators
Forecast

143 countries...
Indicators
Frequency

Unit
Clear all filters

Clear All | Collapse All

- + Albania (14)
- + Algeria (15)
- + Argentina (8)
- + Armenia (16)
- Australia (20)
 - Inflation and price (12)
 - Consumer and Producer Price Index: Annual (4)
 - Consumer Price Index
 - Consumer Price Index: YoY
 - Consumer Price Index: % Change over Previous Period
 - Producer Price Index: Manufacturing Output
 - + Export and Import Price Index: Annual (2)
 - + Consumer and Producer Price Index: Quarterly (4)
 - + Export and Import Price Index: Quarterly (2)
 - + Monetary (6)
 - + Financial market (2)
- + Austria (24)
- + Azerbaijan (15)

Selected 3 series
Clear All Selections
Hide chart
All Historical Data
Export

Custom period: -

[+ Add to Dashboard](#)
[Share link](#)

Provided by CEIC Data

● BR: Consumer Price Index (2010=100)
● CN: Consumer Price Index (2010=100)
● AU: Consumer Price Index (2010=100)

Country	Series name	Units	01/12/2015	01/12/2016	01/12/2017	01/12/2018	01/12/2019
Brazil	Consumer Price Index	2010=100	138.39	150.48	155.67	161.37	167.40
China	Consumer Price Index	2010=100	114.92	117.22	119.09	121.56	125.08
Australia	Consumer Price Index	2010=100	112.04	113.48	115.69	117.90	119.80

Sort by: Default

Source: [View details](#)

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

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.

Forecast tab is selected.

Below series names countries are displayed for easy comparison by selecting them.

Sorting order of series can be changed here. Note: Tables can contain up to 100 series.

Here you can select which series are displayed in the chart above.

Macroeconomic Statistics and Forecasts
Sourced from International Monetary Fund provided by CEIC Data

Top Indicators | All Indicators | **Forecast**

Keyword - Search term

143 countries... Indicators Frequency

Unit Clear all filters

Clear All Collapse All

Balance of Payments (220)

- BPM6: Current Account: USD (110)
- BPM6: Current Account: % of GDP (110)
- Albania
- Algeria
- Argentina
- Armenia
- Australia
- Austria
- Azerbaijan
- Bahrain
- Bangladesh
- Belgium
- Bolivia
- Bosnia and Herzegovina
- Botswana
- Brazil
- Brunei
- Bulgaria
- Cambodia
- Canada
- Chile
- China

Selected 3 series

Custom period: 01/12/2017 - 01/12/2021

Clear All Selections Hide chart All Historical Data Export

+ Add to Dashboard Share link

2017 2018 2019 2020 2021

Provided by CEIC Data

- IMF Forecast: BPM6: Current Account: % of GDP: Advanced Economies: Other: Australia (%)
- IMF Forecast: BPM6: Current Account: % of GDP: EMDE: Latin America and the Caribbean: Brazil (%)
- IMF Forecast: BPM6: Current Account: % of GDP: EMDE: Emerging and Developing Asia: China (%)

Sort by: Default

Country	Series name	Units	01/12/2017	01/12/2018	01/12/2019	01/12/2020	01/12/2021
Australia	IMF Forecast: BPM6: Current Account: % of GDP: Advanced Economies: Other	%	-2.56	-2.06	0.51	-0.63	-1.81
Brazil	IMF Forecast: BPM6: Current Account: % of GDP: EMDE: Latin America and the Caribbean	%	-0.73	-2.20	-2.69	-1.77	-2.31
China	IMF Forecast: BPM6: Current Account: % of GDP: EMDE: Emerging and Developing Asia	%	1.59	0.36	0.97	0.55	1.05

Source: View details

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

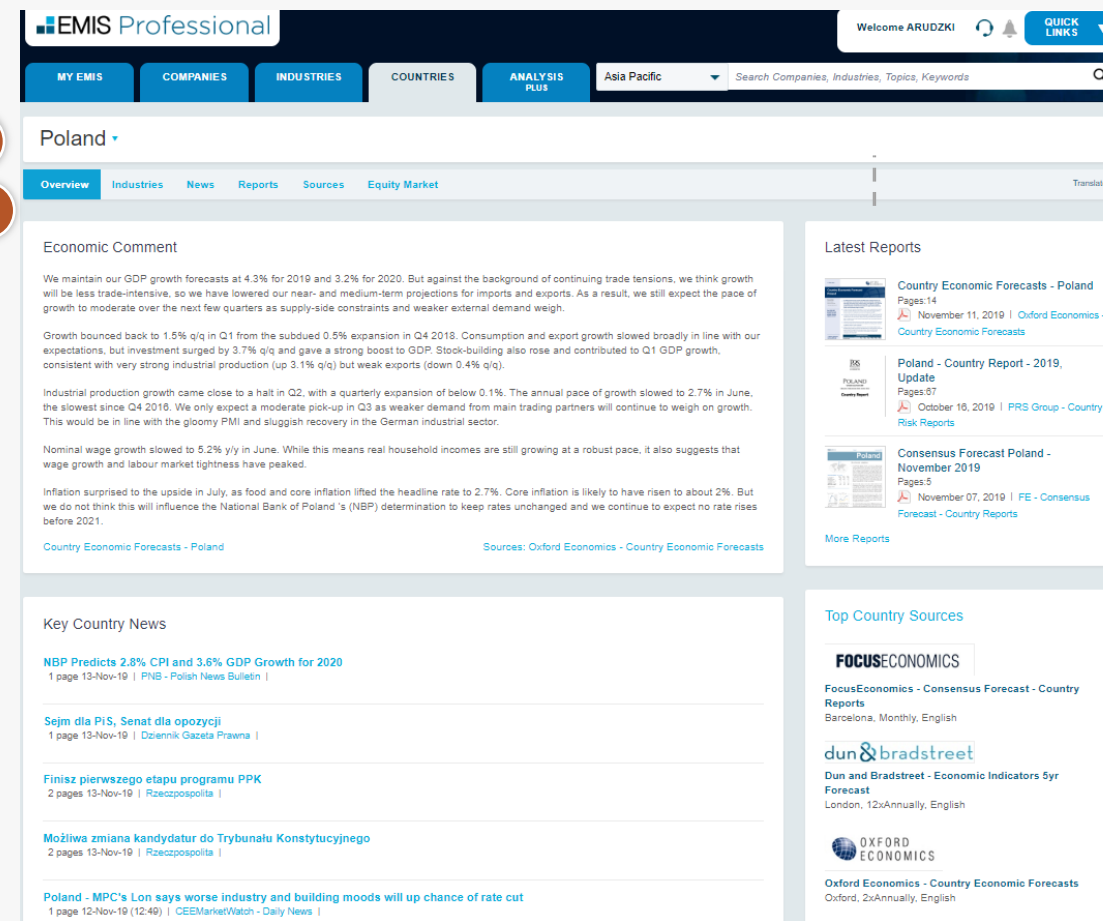
This section is accessed by clicking on the headers of the News boxes in the Overview Section of Country Analysis. The section allows users to understand and act on the latest opportunities or looming risks, or simply stay up-to-date on critical macroeconomic news that may affect their businesses.

1.2 Country profile

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

A Click on the country name to change to a different profile

B Use the tabs to navigate to different sections of the profile



The screenshot displays the EMIS Professional interface for the Poland country profile. At the top, there is a navigation bar with tabs for 'MY EMIS', 'COMPANIES', 'INDUSTRIES', 'COUNTRIES', and 'ANALYSIS PLUS'. The 'COUNTRIES' tab is active, and the country 'Poland' is selected. Below the navigation bar, there are sub-tabs for 'Overview', 'Industries', 'News', 'Reports', 'Sources', and 'Equity Market'. The 'Overview' tab is selected, showing an 'Economic Comment' section with text about GDP growth forecasts and industrial production. Below this is a 'Key Country News' section with several news items. To the right, there is a 'Latest Reports' section with three report cards, and a 'Top Country Sources' section with three source cards. Callout boxes A, B, and C are overlaid on the image. Callout A points to the 'Poland' country name in the navigation bar. Callout B points to the 'Overview', 'Industries', 'News', 'Reports', 'Sources', and 'Equity Market' tabs. Callout C points to the 'Latest Reports' section.

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

1.1 Landing page

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

The screenshot shows the EMIS Professional Industries landing page. The page is divided into several sections:

- Top Navigation:** Includes the EMIS Professional logo, a user greeting "Welcome ARUDZKI", a "QUICK LINKS" dropdown, and a search bar.
- My Industries:** A section on the left with a "My Industries" header and a list of saved industries: "Agriculture (Central Europe)", "Agriculture (Poland)", and "Agriculture (67 countries)". Each entry has a "Quick view" link and an "Add Industries" button at the bottom.
- Explore industry profiles:** A section below "My Industries" with a "Browse news, reports, statistics & more:" header and a list of industry categories: "EMIS Industries", "Agriculture", "Automotive", "Banking & Insurance", "Chemicals", and "Consumer Electronics".
- Find industry information in:** A central search bar with a dropdown menu set to "Brazil" and a "SEARCH" button.
- Widgets:** A grid of nine widgets, each with an icon, a title, a brief description, and an "ENTER" button. The widgets are:
 - Industry Reports: Find reports on big sectors or niche industries from multiple local and global sources.
 - Industry News: Read industry news from multiple local and global sources.
 - Industry Statistics: View and compare data in a table and on a chart.
 - Compare industries: View and compare industry trends for dozens of indicators.
 - Analyse M&A market: Find deals that are happening in industries of your interest.
 - Companies in industry: View and export list of companies for your selected industries.
 - Industry benchmark indicators: Analyse industry aggregated data for key financial indicators.
 - Create a custom industry: Build your own industry to benchmark companies against.
 - Industry analytical tools: Choose from a variety of tools to analyse an industry of your choice.

Callout boxes provide additional instructions:

- A:** Use the search box to find industry profile or any other industry related information
- B:** Check the widgets to quickly navigate to the type of information or a tool you need
- C:** Save industries you monitor for quick access
- D:** Browse the list to find a sector or a niche industry

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 sub-industry by clicking on it. Then the Statistics page will load all available series from the relevant database.

B 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.

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

The screenshot shows the EMIS Statistics Database interface. On the left is a sidebar with a search bar and a list of industry categories, each with a plus sign to expand it. The main area displays a table of data for Poland, with a 'View Selected' button and a 'Frequency' dropdown menu. The table has two sections: 'Oxford Economics - Industry Forecast Data' and 'Financial Data'. The first table shows annual data from 2015 to 2019 for various construction indicators. The second table shows quarterly data for 2016.

INDICATOR	UNIT	2015	2016	2017	2018	2019
<input type="checkbox"/> Construction, Output (value-added index) - Annual		118.29	121.73	125.64	129.51	133.37
<input type="checkbox"/> Construction of buildings, Output (VA index) - Annual		151.91	155.38	159.56	163.55	167.56
<input type="checkbox"/> Building, non-residential, Output (V-A index) - Annual		151.35	154.49	158.00	160.96	163.73
<input type="checkbox"/> 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
<input type="checkbox"/> Construction, Output (value-added index) - Quarterly		119.59	120.44	121.30	122.16	123.01
<input type="checkbox"/> Construction of buildings, Output (VA index) - Quarterly		15.96	155.38	16.16	16.27	16.38
<input type="checkbox"/> Residential building, Output (value-added index) - Quarterly		11.66	125.35	11.76	11.82	11.89
<input type="checkbox"/> Building, non-residential, Output (V-A index) - Quarterly		11.66	154.49	11.76	11.82	11.89

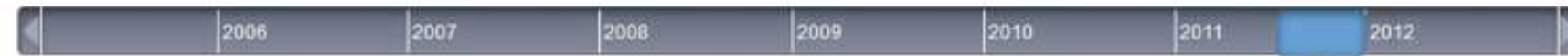
D The View Selected option will open a new screen where you can find further details and graphical representations.

E Clicking on the Export button allows you to download the data from the selected series to Excel.

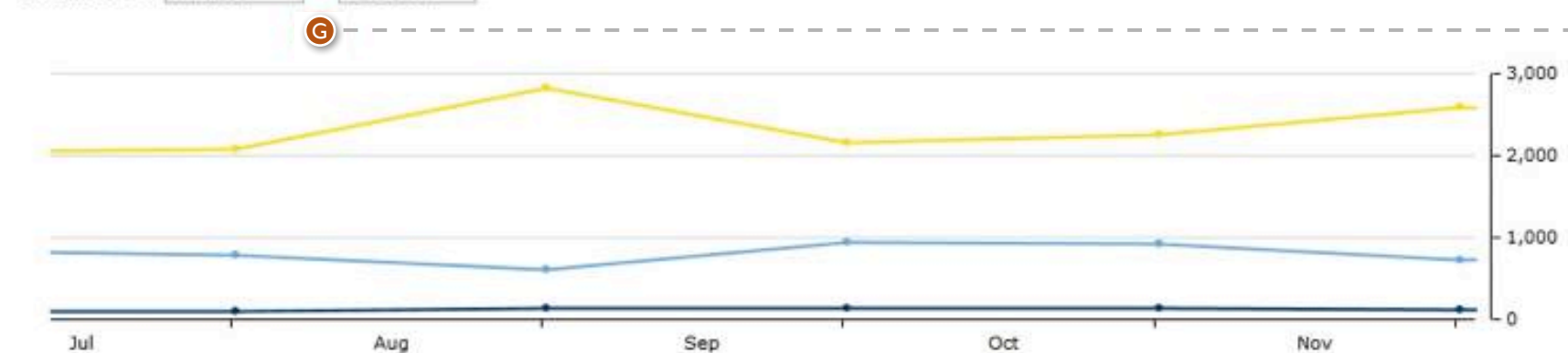
INDUSTRY ANALYSIS

I.2. Statistics Database

F You can select different time periods to be reviewed by dragging and stretching the slider bar or



Custom period 7/14/2011 - 12/2/2011



- Industrial Production: Metallic Copper Contents: Hebei (Unit: Ton)
- Industrial Production: Metallic Copper Contents: Shanxi (Unit: Ton)
- Industrial Production: Metallic Copper Contents: Liaoning (Unit: Ton)

Line Values Percent

- Chart Type
- Line
 - Column

SERIES NAME	UNIT	2011 DEC	2011 NOV	2011 OCT	2011 SEP	2011 AUG	2011 JUL
Industrial Production: Metallic Copper Contents: Hebei	Ton	114.06	133.21	145.79	131.58	104.27	99.73
Industrial Production: Metallic Copper Contents: Shanxi	Ton	2597.15	2249.93	2148.90	2831.74	2087	2044.75
Industrial Production: Metallic Copper Contents: Liaoning	Ton	729	922	945	604	792	845

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

H 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.

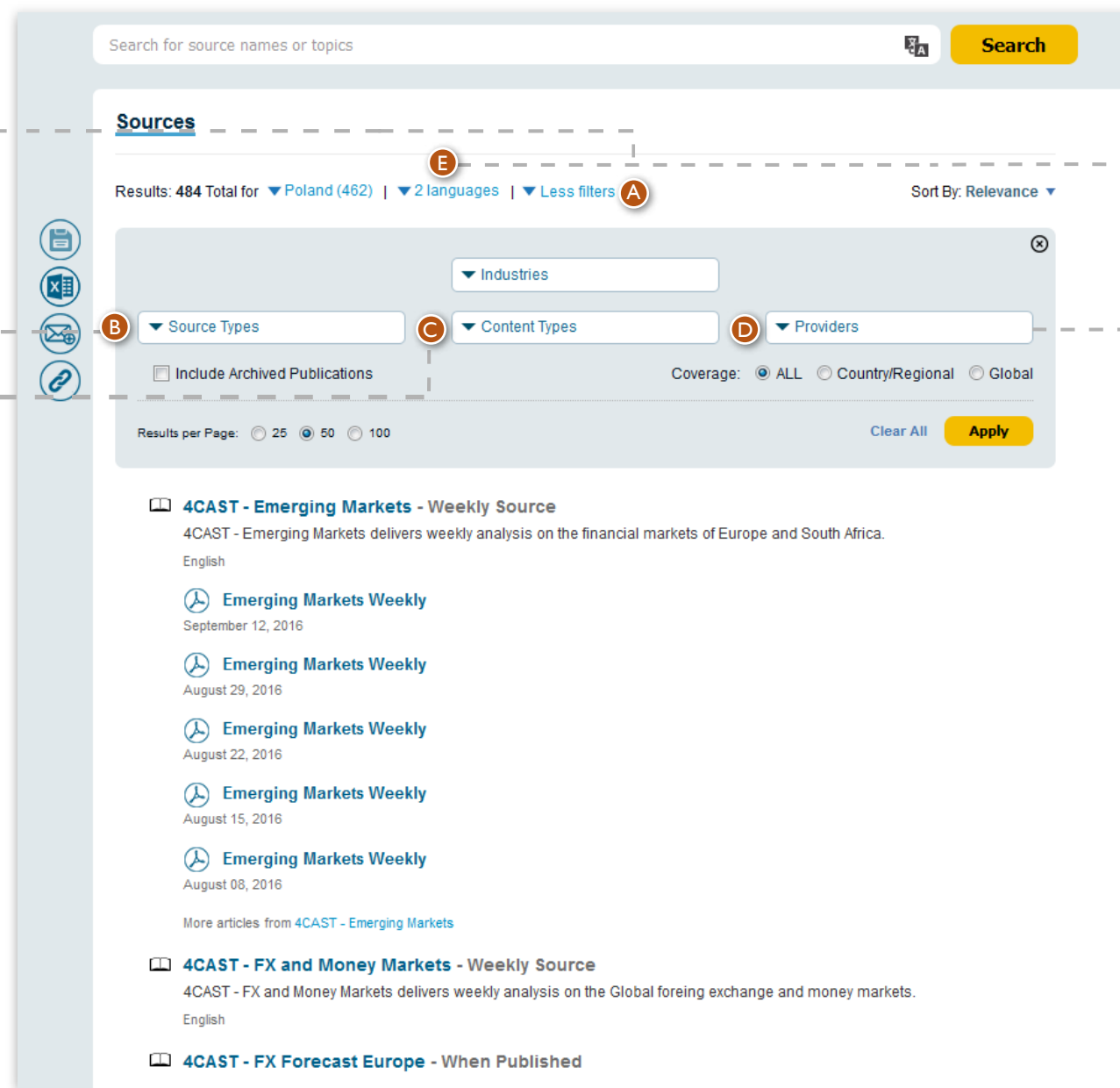
The service delivers proprietary and multi-source news and research from over 16,000 publications in 15 languages, covering more than 100 countries.

The Sources section can be reached from the Quick Links menu.

A Use the More Filters option to show all filtering possibilities.

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.

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



D Providers: Select content providers from the dropdown, to view the list of all their publications.

E Languages: Filter publications based on the content language.

USER GUIDE – SOURCES

Editor's Choice

You can see a selection of the best sources of EMIS in the Sources - Editor's Choice page. You can reach it from Quick Links.

A Filter Sources:
Filter Sources: by Countries, Languages and Industries.

B Source Types:
Select sorting by Categories, Content Types or Publication Names.

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

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

The screenshot displays the 'Sources - Editor's Choice' interface. At the top, there are filters for Country (Poland), Language (2), and Industry (Select Industry). Below this is a 'COMPANY' section with a grid of source cards: MarketLine Company Report..., Euromonitor - Local Compa..., Timetric - Company Profil..., and PDM - Company Profiles. Below the grid are sorting options: Company News Sources, Company Reports Sources, Company Data Sources, and All Company Sources. Below the company section is an 'INDUSTRY' section with a grid of source cards: EMIS Insights - Industry ..., MarketLine Industry Repor..., BMI Research - Industry F..., and MarketLine Industry Repor... Below the grid are sorting options: Industry News Sources, Industry Reports Sources, Industry Data Sources, and All Industry Sources. On the right side, there is a 'NEW RELEASES' sidebar with a list of recent releases, including GRDS Industry Reports and MarketLine - Country Prof...

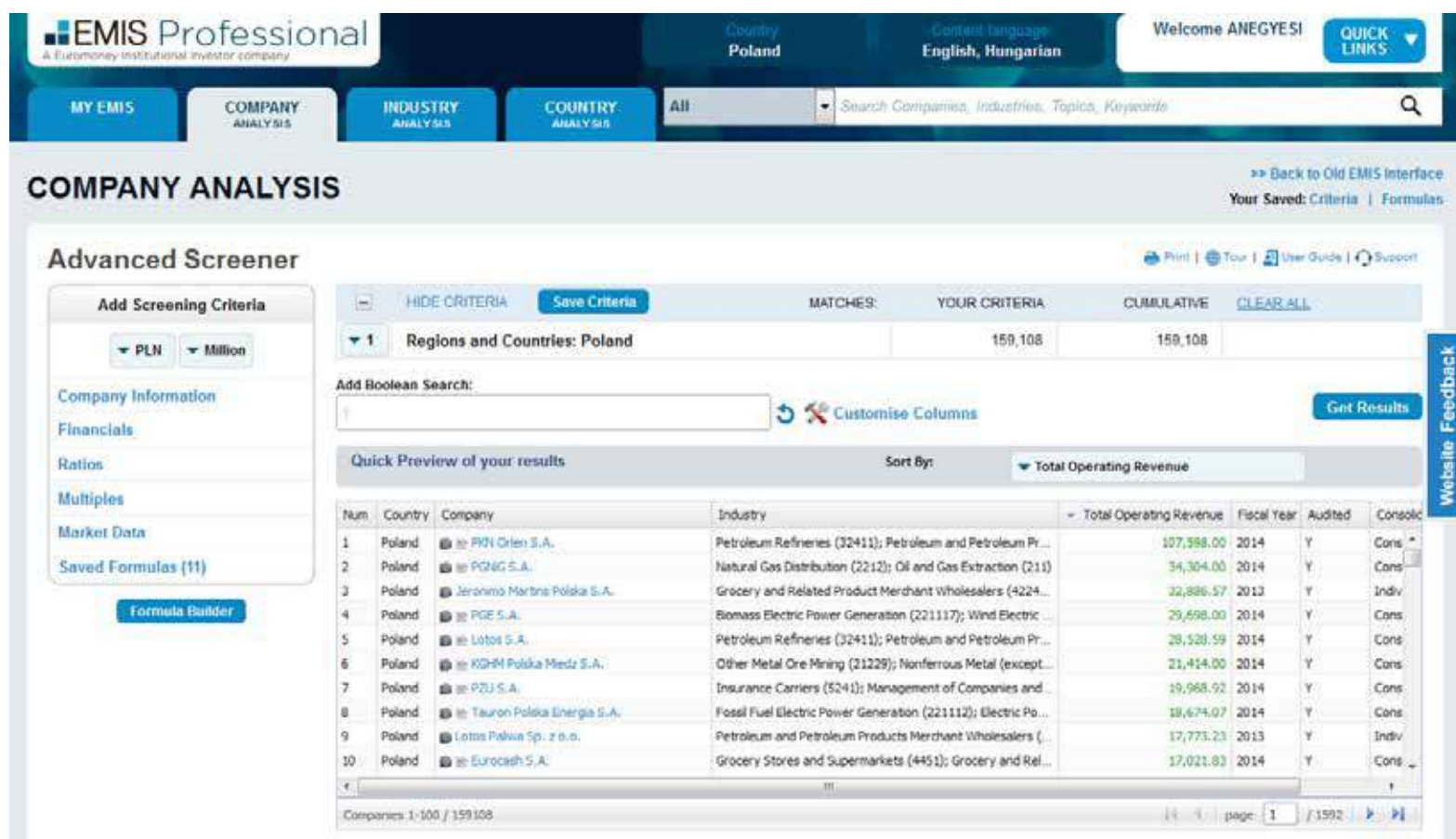
I.1. Landing Page

The Advanced Company Screener is a powerful query tool that allows you to filter our company database by several criteria such as:

- Company Information like industries, geographic location and many more;
- Financials including local standards;
- Ratios;
- Multiples;
- Market Data;
- User defined formulas.

Other key features include:

- Boolean Search (AND, OR, NOT);
- Displaying and exporting any data points you want;
- Building your own screening formulas to find exactly what you need;
- Saving and storing searches, results and formulas to use them later or in other EMIS analytical tools.



EMIS Professional
A Euromoney Institutional Investor Company

Country: Poland | Content language: English, Hungarian | Welcome ANEGYESI | QUICK LINKS

MY EMIS | COMPANY ANALYSIS | INDUSTRY ANALYSIS | COUNTRY ANALYSIS | All | Search Companies, Industries, Topics, Keywords

COMPANY ANALYSIS >> Back to Old EMIS Interface | Your Saved: Criteria | Formulas

Advanced Screener | Print | Tour | User Guide | Support

ADD SCREENING CRITERIA | PLN | Million | Company Information | Financials | Ratios | Multiples | Market Data | Saved Formulas (11) | Formula Builder

HIDE CRITERIA | Save Criteria | MATCHES: YOUR CRITERIA | CUMULATIVE | CLEAR ALL

1 | Regions and Countries: Poland | 159,108 | 159,108

Add Boolean Search: | Customise Columns | Get Results

Quick Preview of your results | Sort By: Total Operating Revenue

Num	Country	Company	Industry	Total Operating Revenue	Fiscal Year	Audited	Consolc
1	Poland	PKN Orlen S.A.	Petroleum Refineries (32411); Petroleum and Petroleum Pr...	107,398.00	2014	Y	Cons
2	Poland	PGNiG S.A.	Natural Gas Distribution (2212); Oil and Gas Extraction (211)	34,304.00	2014	Y	Cons
3	Poland	Jerónimo Martins Polska S.A.	Grocery and Related Product Merchant Wholesalers (4224...	22,886.57	2013	Y	Indiv
4	Poland	PGE S.A.	Biomass Electric Power Generation (221117); Wind Electric ...	29,698.00	2014	Y	Cons
5	Poland	Lotos S.A.	Petroleum Refineries (32411); Petroleum and Petroleum Pr...	28,528.59	2014	Y	Cons
6	Poland	KGHM Polska Miedz S.A.	Other Metal Ore Mining (21229); Nonferrous Metal (except...	21,454.00	2014	Y	Cons
7	Poland	PZU S.A.	Insurance Carriers (5241); Management of Companies and ...	19,968.92	2014	Y	Cons
8	Poland	Tauron Polska Energia S.A.	Fossil Fuel Electric Power Generation (221112); Electric Po...	18,674.07	2014	Y	Cons
9	Poland	Lotos Polowa Sp. z o.o.	Petroleum and Petroleum Products Merchant Wholesalers (...)	17,773.23	2013	Y	Indiv
10	Poland	Eurocash S.A.	Grocery Stores and Supermarkets (4451); Grocery and Rel...	17,021.83	2014	Y	Cons

Companies: 1-100 / 159108 | page: 1 / 1592

I.2 Left Panel (Screening)

- A** For your screening you can select:
- the currency: USD, EUR or, if there is only one country in the screening, the local currency. The default for one-country screenings is the local currency.
 - the unit: one, thousand or million and for INR tens of millions (crore). The default is million.
 - Financials are converted to EUR and USD based on IFRS standards. (Balance sheet figures converted with end of period exchange rate, Income Statement items are converted with the period average exchange rate).

The selections affect all screening requiring financials and units except some specific data points like Earnings per Share where the unit is always one.

Add Screening Criteria

BGN Million **A**

Company Information **B**

Financials

Ratios

Multiples

Market Data

Saved Formulas (3)

Screening criteria:

- Here you can select screening criteria by clicking on the respective option which will open a slide for further usage. You can select among Company Information, Financials, Ratios, Multiples, Market Data and Saved Formulas.
- Screening can only contain data points from one specific financial period, which by default is the latest fiscal year.

1.2.1 Company Information

If you select multiple options within a box (e.g. two industries), you will see companies fitting at least one of the selected criteria (having at least one of the two industries you selected). If you select criteria in multiple boxes, the results must meet with all the criteria selected in the boxes. For instance, if you select Poland and India in the Countries and Regions box and USD 100mn as a minimum revenue among Basic Financials, you will see Polish and Indian companies with revenues of over USD 100mn among the results. You can change this rule by using the Boolean Search on the landing page.

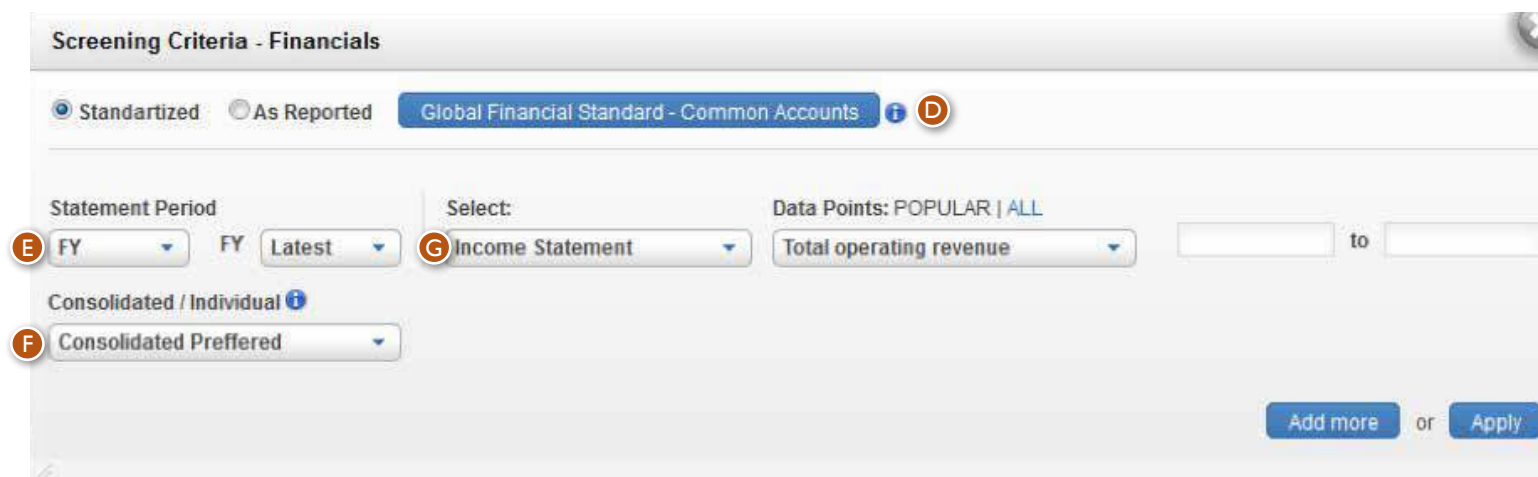
- Indices can be selected only after you have selected at least one stock exchange.
- After you have selected all the criteria you want, click on the Apply button to add them to Screening Criteria. This will close the slide-out.

I.2.2 Financials

You can filter companies by financials from the last 5 available years.

D First you need to choose a standard. By default, our Global Standards (Standardized) is selected. Standardized has 4 options: General (fitting all companies), Non-financial, Banking and Insurance. You can switch between them by clicking on the blue button.

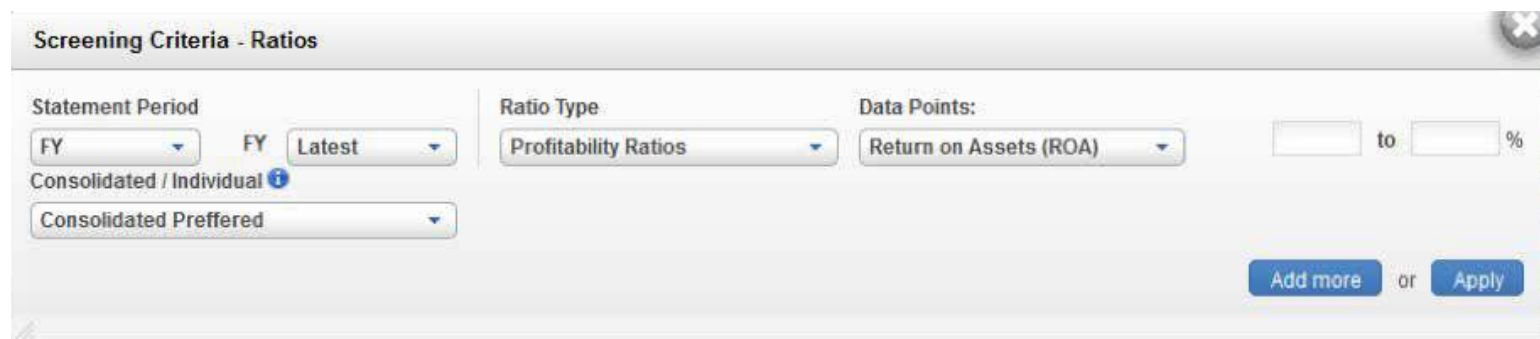
D If you want to filter local standards, which are valid only for one country and usually for specific industries, you need to use the radio button option next to As Reported. In this case you will get a popup below in which you need to select a standard. Please use it from the left to right so that you will only see the standards matching your needs in the last dropdown.



Every screening can only contain one standard!

- E** Currently all screenings can contain one Statement Period, so mixing two years or a quarter and a fiscal year is not possible. The options are:
 - FY (Fiscal Year), Q1 (first quarter), Q2, Q3, Q4, Q3C (cumulative financials for the first 3 quarters) and HI (first semi-annual). Please note that most companies only have FY financials.
 - Last (last available year of financials for any company) and the last 5 available years for that country.
- F** Here you can choose whether to screen for individual, consolidated or consolidated preferred financials of companies. Consolidated preferred means that from the selected year you screen for consolidated financials of companies, if available, otherwise you screen individual results.
- G** Here in the Select dropdown you can choose from Balance Sheet, Income Statement and Cash Flow, depending on the standard selected. In the Data Points dropdown you will see the items relevant to the option selected in the Select dropdown. You will screen for the selected item. If you want to add more items, you can use the Add More button which will allow you to add as many financials filters as you need. The left box in the row is for the minimum amount of the selected financial, the right one is for the maximum. Minimums and maximums are always in the currencies and units you have selected in the left pane of the landing page. You do not need to select both a minimum and maximum, you can select only one of them if you want.
- G** If you select All, you will see all items for the option chosen in the Select dropdown. If you select Popular, we will only display the most used items.
 - After you have selected all the criteria you want, click on the Apply button to add them to Screening Criteria. This will close the slide-out.

I.2.3 Ratios



Ratios work exactly as Financials, but here you can select ratios. Please note that the financial period for Financials and Ratios must be exactly the same.

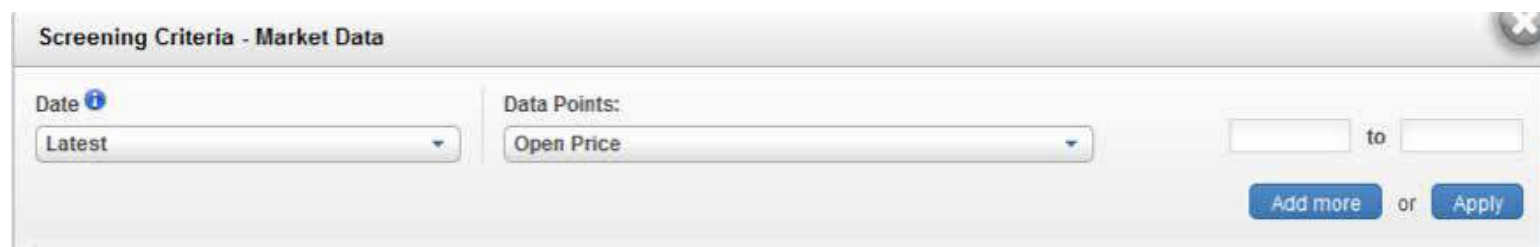
I.2.3 Multiples



Multiples work like Financials, except that:

- Here you can select multiples;
- The Date for multiples is always Last meaning that we use the latest available trading data and latest available fiscal year for our calculations;
- For the calculations we always use the currency you have selected on the landing page. However, units might differ. E.g. for Market Capitalization we use the unit you have selected, but for smaller values like Earnings per Share the unit is always One.
- You do not have the Select dropdown

I.2.3 Market Data

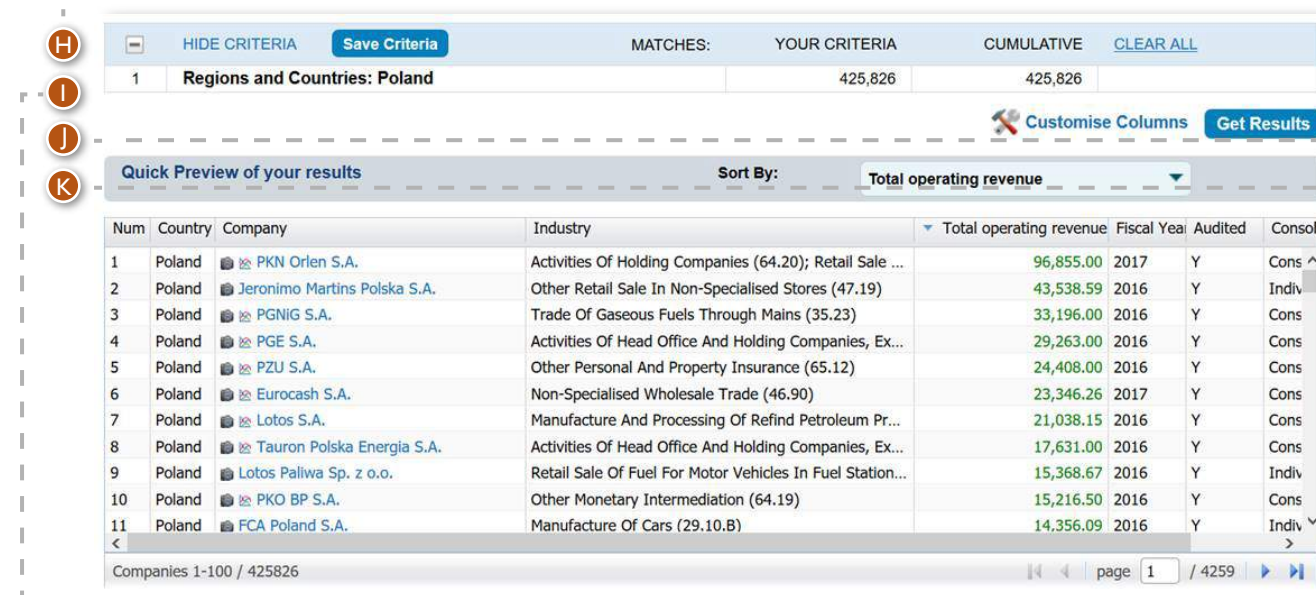


Market Data works exactly like Multiples.

I.2 Right Part

- H** In the top row of the right part you see:
- **Hide/View Criteria:** By clicking here you will either hide or display the screening criteria;
 - **Save Criteria:** By clicking here you can save your current screening criteria and use them later;
 - **Matches:** Your Criteria Matches gives you the number of results for one screening item selected. Cumulative Matches gives you the number of results for the filter and all other filters above selected. Cumulative Matches is disabled, if Boolean Searches is activated;
 - **Clear All:** By clicking here you delete all screening criteria except the country filter, which will be set to the current product's country.

H **I** **J** **K**



The screenshot shows the 'Quick Preview of your results' section. At the top, there are buttons for 'HIDE CRITERIA', 'Save Criteria', 'MATCHES: YOUR CRITERIA', 'CUMULATIVE', and 'CLEAR ALL'. Below this is a summary row for 'Regions and Countries: Poland' with 425,826 matches. A 'Customise Columns' button and a 'Get Results' button are also present. The main table is titled 'Quick Preview of your results' and is sorted by 'Total operating revenue'. It lists 11 companies from Poland, including PKN Orlen S.A., Jeronimo Martins Polska S.A., PGNIG S.A., PGE S.A., PZU S.A., Eurocash S.A., Lotos S.A., Tauron Polska Energia S.A., Lotos Paliwa Sp. z o.o., PKO BP S.A., and FCA Poland S.A. The table columns include Num, Country, Company, Industry, Total operating revenue, Fiscal Year, Audited, and Consoli.

Num	Country	Company	Industry	Total operating revenue	Fiscal Year	Audited	Consoli
1	Poland	PKN Orlen S.A.	Activities Of Holding Companies (64.20); Retail Sale ...	96,855.00	2017	Y	Cons ^
2	Poland	Jeronimo Martins Polska S.A.	Other Retail Sale In Non-Specialised Stores (47.19)	43,538.59	2016	Y	Indiv
3	Poland	PGNIG S.A.	Trade Of Gaseous Fuels Through Mains (35.23)	33,196.00	2016	Y	Cons
4	Poland	PGE S.A.	Activities Of Head Office And Holding Companies, Ex...	29,263.00	2016	Y	Cons
5	Poland	PZU S.A.	Other Personal And Property Insurance (65.12)	24,408.00	2016	Y	Cons
6	Poland	Eurocash S.A.	Non-Specialised Wholesale Trade (46.90)	23,346.26	2017	Y	Cons
7	Poland	Lotos S.A.	Manufacture And Processing Of Refind Petroleum Pr...	21,038.15	2016	Y	Cons
8	Poland	Tauron Polska Energia S.A.	Activities Of Head Office And Holding Companies, Ex...	17,631.00	2016	Y	Cons
9	Poland	Lotos Paliwa Sp. z o.o.	Retail Sale Of Fuel For Motor Vehicles In Fuel Station...	15,368.67	2016	Y	Indiv
10	Poland	PKO BP S.A.	Other Monetary Intermediation (64.19)	15,216.50	2016	Y	Cons
11	Poland	FCA Poland S.A.	Manufacture Of Cars (29.10.B)	14,356.09	2016	Y	Indiv >

Companies 1-100 / 425826 page 1 / 4259

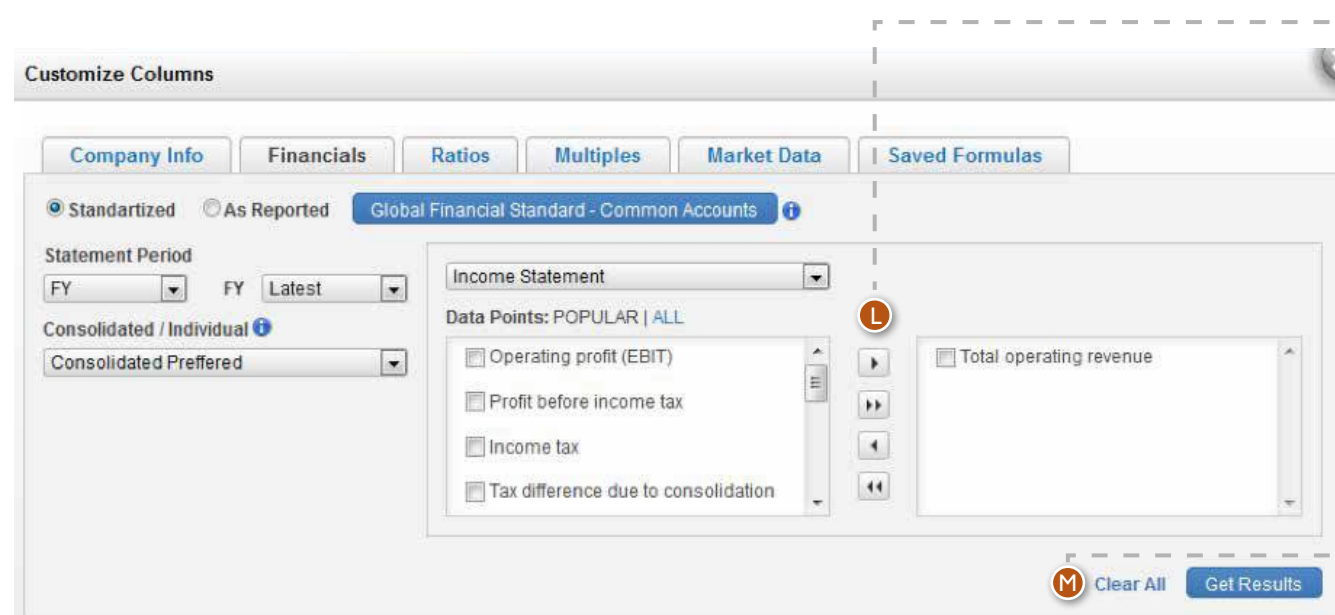
- I** Below the top row you see the screening criteria.
- If you move your mouse over a criterion, you might edit or delete it by clicking on the options in the right part of the row.

- J** Under the results you see:
- **Customize Columns:** This allows you to modify the items you will see, once you get the results. Please find the description in the Customize Columns part of the User Guide;
- K** **Get Results:** Once you finished the screening, you can get the results by clicking on this button.
- The Quick Preview feature displays a snapshot of your search's results.
 - The table is updated automatically;
 - The numbers within it are displayed in the currency and unit you have selected in Basic Financials screening;
 - By using the dropdown menu above the table you can change the ranking order to any financials/ratios/valuation figures supported.

I.3 Customize Columns

Here you can select the data you would like to see in the results page.

- The default pre-selected options are: Company ranking, Country, Total Revenues, Year of Financials, Audited, Consolidated and the screening options you selected in screening criteria;
- We also select all items you screened for;
- You can select any number of items to be displayed;
- Selected items must be from the same Statement Period and must have the same Consolidated/Individual option chosen;
- If you have screened for any financials, the same standard will be selected here and you will not be able to change it.

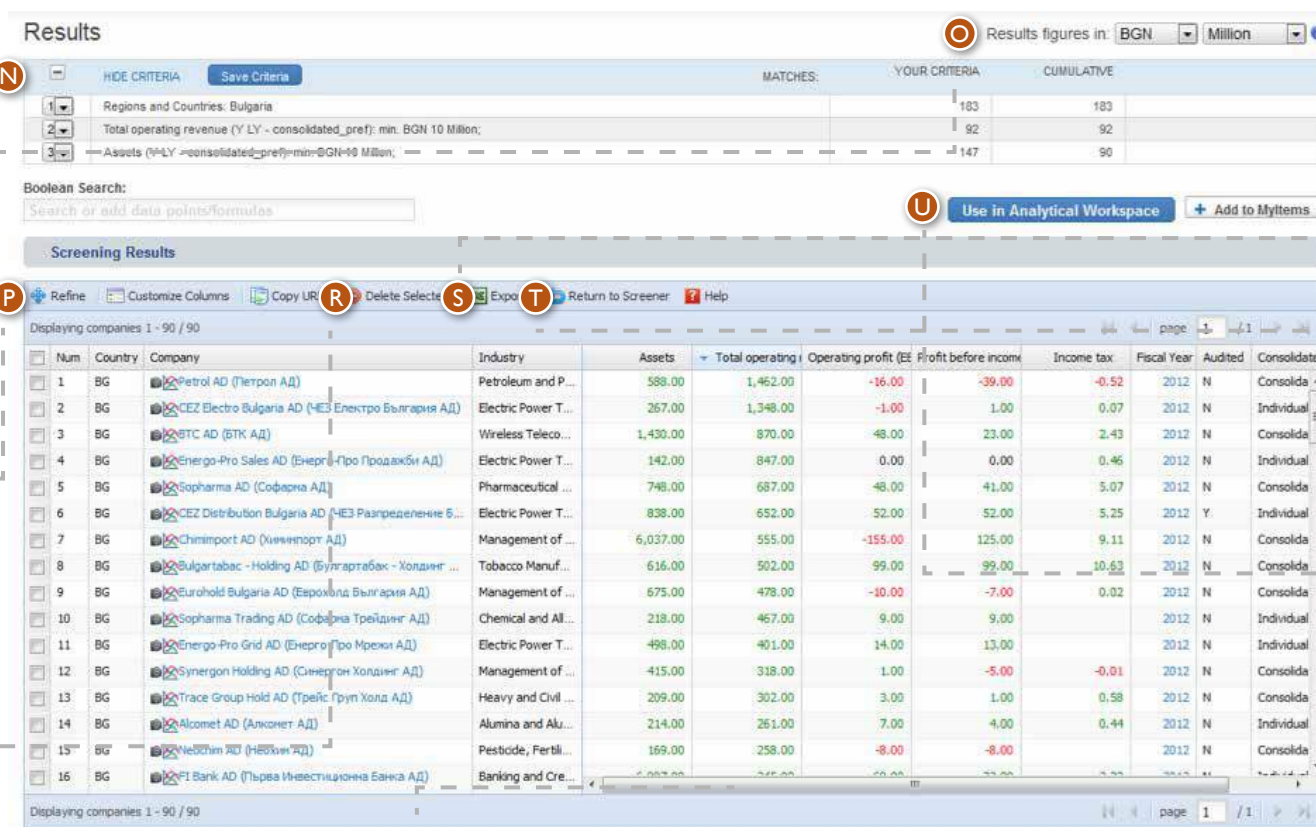


- L** The data selection works in the following way:
- Over the Data Points box you see a dropdown menu. The dropdown will affect the data points you see in this box. E.g. if you select Balance Sheet, you will see Assets etc. In the box on the right you see the items already selected. In this example all already selected Balance Sheet Items;
 - Popular/All works in the same way as in screening;
 - You can select items by clicking in their checkbox and on the right arrow. If you click on the double right arrow, all items from the Data Points box will be added to the right box;
 - De-selection works the opposite way (left arrows).

- M** Clear All removes all selected items in the current tab. Once you have finished selections, click on the Get Results button. This will navigate you to the Results Page.

I.3 Results Page

In the results page you will see the companies matching your search criteria. You can change the order of columns by drag-and-dropping them or you might delete them after clicking on their title. Changing the order of companies is also possible by clicking on a column title and choosing ascending or descending order.



The screenshot shows the 'Results' page of the EMIS Advanced Screener. It includes a search criteria section at the top, a table of screening results, and various action buttons. Callouts are placed over the interface to explain specific features:

- N**: You can Hide or Unhide Search Criteria here. Modification is not possible on the result page;
- C**: You can change currencies and units here;
- P**: If you would like to modify your search or columns displayed, click on the Refine or Customize Display buttons over the results;
- R**: If you would like to remove some companies, please use the checkboxes next to their names and click on the Delete Selected Button;
- S**: After you have the list you wanted, click on the Export button to download the data in Excel;
- T**: Return to Screener returns you to the screener. In this case your screening filters will be lost. If you want to modify your search, please use the Refine option;
- U**: You can use your screening results in Analytical Workspace or add them to MyItems for further utilization;

After you have the list you wanted, click on the Export button to download the data in Excel;

Return to Screener returns you to the screener. In this case your screening filters will be lost. If you want to modify your search, please use the Refine option;

You can use your screening results in Analytical Workspace or add them to MyItems for further utilization;

Flat users might display any number of companies, demo users can view the Top 2,000 companies.

I.4 Export

Export

Company Info | Financials | Ratios | Multiples | Market Data | Saved Formulas

Standardised As Reported **Global Standard** ⓘ

Select range: ▼ 1-1000
Export to excel available for the first 10,000 companies

Statement Period
▼ FY FY ▼ Latest

Export single period
 Export multiple periods

Consolidated / Individual ⓘ
▼ Consolidated Preferred

▼ Income Statement
Data Points: POPULAR | ALL

Operating profit (EBIT) Total operating revenue

Profit before income tax

Net Profit

Clear All **Export**

After you click on the Export button, you will see a pop-up. Here you can select the data you want to export by clicking on the checkbox next to them. All columns you viewed in results are selected by default. The popup functions similarly to Customize Columns.

Data can be downloaded in batches of 1,000 with the following limitations:

- Searches with exactly one industry selected have no limitations;
- By any searches not matching 1) the first 10,000 results might be downloaded;
- Demo users can only download a sample file.

1.5 Formula Builder

If you have special screening needs, you can build your own screening formulas. The detailed description of the Formula Builder can be found in Analytical Workspace's chapter. Advanced Screener's Formula Builder is only different in the following features:

1. In Advanced Screener you are allowed to build formulas with As reported data points;
2. The formulas here can have only one financial period;
3. The units and currencies of the formulas in screening will always be changed to the currencies and units selected in the left pane.

I. Key Indicators

A **Benchmark** can be accessed after selecting an industry from left pane in **Industry Analysis**. Note that Benchmark tab is available only in those countries/industries that have at least five companies with financial data. Also, Benchmark is available only for non-financial industries.

B **Industry tree** will allow for navigation to different industries. Selected industries will be highlighted in this tree. Search box can be used to find a particular industry.

C **Key Indicators** will provide a comprehensive image of selected industry, by showing aggregated data for assets, sales, net profit, number of employees, as well as different financial ratios.

D **Balance Sheet** displays industry aggregated values for total assets, liabilities, shareholders' equity, plus other relevant accounts for a balance sheet statement. Data can be viewed for 5 years history.

YEAR	2013	2012	2011	2010	2009
Companies in Industry	10508	11438	11125	10870	9482
SIZE					
Sales	138,309,208	153,555,857	174,824,361	160,554,970	101,437,579
Assets	209,564,516	216,856,880	230,240,895	237,119,070	215,778,527
Profit	2,688,681	-5,560,295	-145,784	8,001,821	7,900,045
Total Shareholders' Equity	66,666,519	73,160,501	76,060,477	79,573,921	2,441,824
GROWTH					
Net Sales Growth Rate %	-9.93%	-12.17%	8.89%	-0.55%	-3.27%
Inc. / Dec. in Assets	-3.36%	-5.81%	-2.90%	9.89%	9.27%
Inc. / Dec. in Net Income	148.36%	-3,714.06%	-101.82%	1.28%	19.29%
Increase (Decrease) in Equity	-8.88%	-3.81%	-4.42%	9.85%	19.37%
PROFITABILITY					
Net Income / Net Sales	1.94%	-3.62%	-0.08%	4.98%	4.99%
Return On Assets	1.28%	-2.59%	-0.06%	3.37%	3.66%
Net Income / Net Worth	4.03%	-7.60%	-0.19%	10.06%	10.91%
Operational Profit / Sales	4.66%	-2.78%	3.26%	7.11%	7.70%
INDEBTEDNESS					
Indebtedness	67.69%	66.26%	65.54%	64.81%	64.33%
Leverage	212.78%	196.41%	199.40%	192.53%	191.62%
Total Liabilities / Sales	102.56%	93.58%	89.32%	95.42%	85.99%
Current Liabilities / Total Liabilities	61.78%	63.26%	63.26%	54.23%	55.87%
EFFICIENCY					
Days Receivables	88	86	91	83	73
Days Inventory	150	148	149	168	171

E **Income Statement** shows the industry aggregated data for revenues, expenses, profit, and different financial accounts that are part of an income statement.

F **Cash Flow** displays industry aggregated data for net operating cash flow, free cash flow, and other financial accounts that are part of a cash flow statement.

G **Rankings** tab presents all companies that are part of the selected industry, sorted from top company to bottom company.

H **Data in Key Indicators** table can be viewed either as a sum of all companies present in selected industry, either as an average of all companies. Additionally, data can be viewed in local currency, Euro, or USD, and, depending on the availability of data, in annual or quarterly figures.

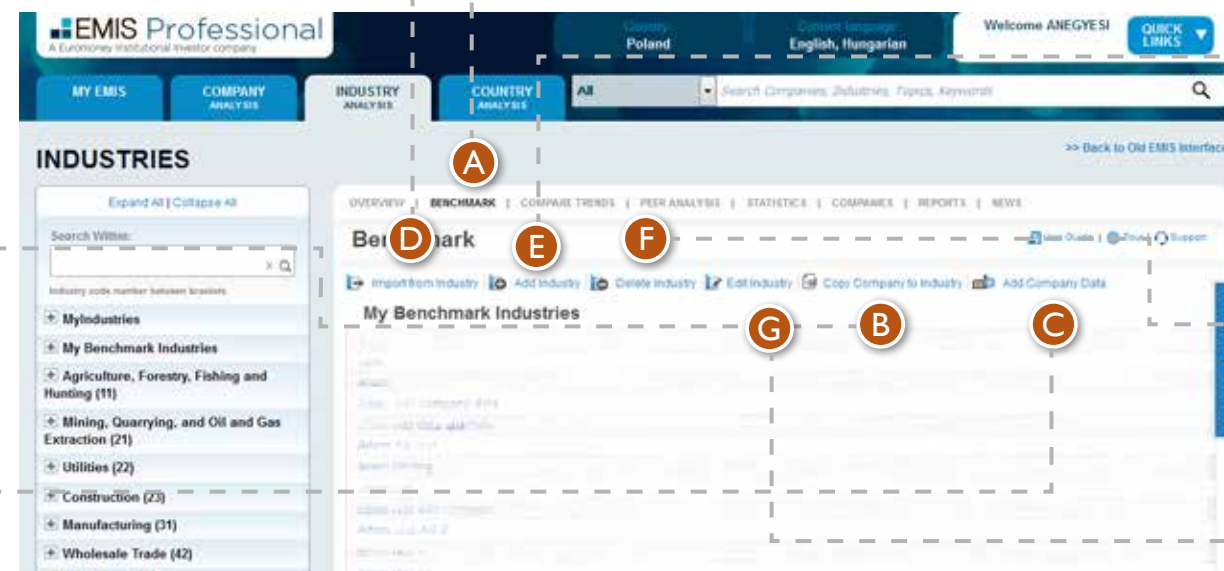
USER GUIDE - BENCHMARK

2. My Benchmark Industries

A My Benchmark Industries offers different functionalities that can be used to create an industry which will include desired companies. For example, you need an industry defined on local business rules, and not EMIS industry classification, My Benchmark Industries can be used for this scope.

B Copy Company to Industry can be used to copy a company to your own Benchmark industry.

C Add Company Data allows you to add a company a Benchmark industry for evaluation purposes. The new company created will be available solely for the user.



D Import from Industry can be used to import all companies from an EMIS industry to your Benchmark industry.

E Add Industry can be used to create a Benchmark industry.

F Delete Industry should be accessed only when you want to remove a Benchmark industry.

G Edit Industry allows you to remove particular companies from a Benchmark industry.

USER GUIDE - BENCHMARK

3. Ranking

A **Industry Ranking:** you can select from 26 different financial criteria, in order to view the ranking of companies. Indicators vary from financial statement accounts like Sales or Assets, to different profitability or efficiency ratios.

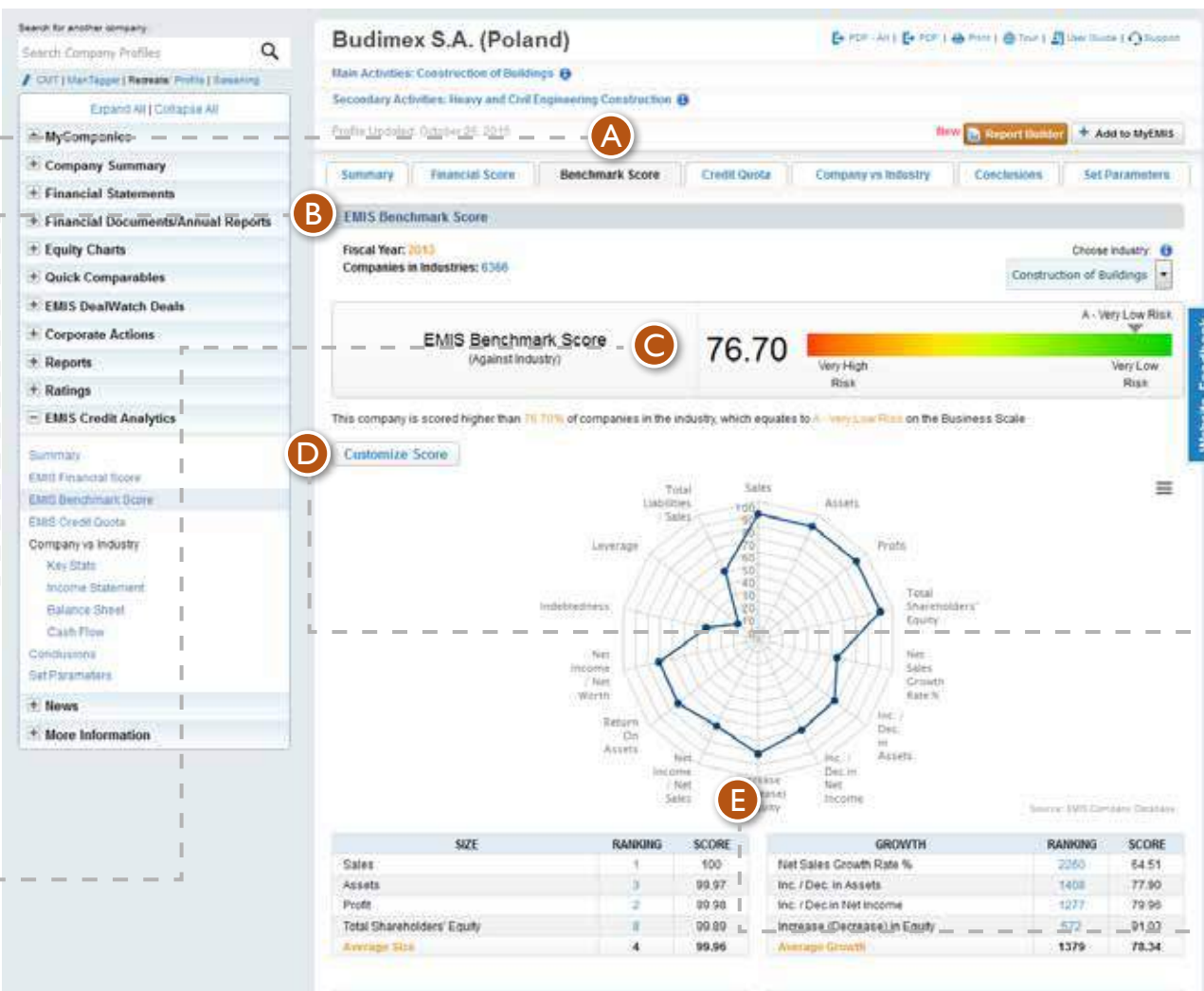
COMPANY	YEAR	Rank	2013	2012	2011
Budimex S.A.	1st	4,037,700	6,109,102	5,091,067	
Skanska S.A.	2nd	4,202,767		4,614,875	
PHO Energytex S.A.	3rd	3,719,721	3,260,783	2,992,861	
Strabag Sp. z o.o.	4th	2,851,788	4,441,304		
Polimex - Mostostal S.A.	5th	2,500,339	4,135,910	4,609,190	
PGO S.A.	6th	1,942,457	2,342,257	3,791,985	
Traksa PWS S.A.	7th	1,288,520	1,399,814	2,266,236	
Enbud S.A.	8th	1,223,684	1,387,525	1,533,076	
Most Engi Central Europe S.A.	9th	1,178,594	1,723,783	1,474,646	
Warbud S.A.	10th	1,133,470	1,357,881	1,432,058	
Port (Polska) S.A.	11th	1,030,076	630,505	401,589	
Mrbud S.A. w Stamboulova	12th	956,491	624,428	555,711	
Unibud S.A.	13th	930,516	845,960	943,696	
Elektrobudowa S.A.	14th	914,850	1,018,002	950,218	
Agri Metro Polska Katedo S.P.A.	15th	846,515		372,244	
Galermat Agr...					
Echa Investment S.A.	16th	845,936	562,487	443,595	
Trakso Invest Sp. z o.o.	17th	701,477	420,404	570,940	

B **Ranking table** displays data for the last 5 available years. Also, you can view companies sorted from top to bottom or in reverse order, for any of those 5 years.

C **EMIS Benchmark Score:** Select the star icon to view the EMIS Benchmark Score for any company.

USER GUIDE - BENCHMARK

4. EMIS Benchmark Score



A Company Benchmark Score tab can be accessed either from company level or from Rankings in Industry Benchmark tab.

B View details for the period and number of companies taken into account for EMIS Benchmark Score calculation.

C EMIS Benchmark Score is calculated with 14 default financial indicators. For detailed methodology about calculation method, please check next page.

D Customize Score offers possibility to add or remove financial indicators and generate a different Benchmark Score.

E 14 financial indicators are used to calculate EMIS Benchmark Score. Indicators are grouped in 4 categories: Size, Growth, Profitability and Indebtedness.

5. EMIS Benchmark Score calculation methodology

EMIS Benchmark score is calculated based on a simple average of 14 different indicators:

1. Sales
2. Assets
3. Profit
4. Total Shareholders' Equity
5. Net Sales Growth Rate %
6. Inc. / Dec. in Assets
7. Inc. / Dec. in Net Income
8. Increase (Decrease) in Equity
9. Net Income / Net Sales
10. Return On Assets
11. Net Income / Net Worth
12. Indebtedness
13. Leverage
14. Total Liabilities / Sales

Additionally, user can customize the Benchmark Score by removing indicators from default selection or by adding new ones (12 more indicators)

1. Operational Profit / Sales
2. Current Liabilities / Total Liabilities
3. Days Receivables
4. Days Inventory
5. Suppliers Turnover
6. Operational Cycle
7. Current Ratio
8. Quick Ratio
9. Working Capital
10. Gross Profit
11. Other Income
12. Total Employee

All indicators are calculated using the ranking of company in industry, which is transformed to a scale where 100 is top position and 1 the lowest position.

As an example, if an industry has 50 companies, sorted by Total Assets from top company to bottom company, then the first company in this ranking will have a score of 100 for Total Assets.

Similarly, the second company in this ranking will have a score of 98 for Total Assets – position 2 out of 50 represents a drop of 2 points on a scale of 100.

Or the company from 10th position will have a score of 80 for Total Assets.

So, after calculating all different indicators (Sales, Assets, etc.), EMIS Benchmark Score is calculated as a simple average of the 14 default indicators or of the indicators selected by the user.

As a brief interpretation, the higher the score is, the better the company is positioned in its industry. Additionally, user can see the average positioning of companies in industry below of the EMIS Benchmark Score chart.

All financial accounts present in Benchmark Score are calculated by our team (with credit analysis experience), and are based on local financial data. Basically, Benchmark functionality is based on a global financial template developed by EMIS, and we calculate financial accounts for these template using local data.

This way we ensure a global methodology and option to compare companies across sectors and countries.

Furthermore, all ratios present in Benchmark use same methodology. To check how particular ratios are calculated, you can go to Key Indicators in Benchmark industry page, and on mouse over a ratio you will see the formula used.

6. How to manage My Benchmark Industries

In order to perform an analysis that requires a customized set of companies, users can create their own industry, add the desired companies, and generate industry aggregated data, rankings and EMIS Benchmark Score.

Step 1: Create an industry

Go to Industry Tree Menu and select **“My Benchmark Industries”**



Next, select **“Add Industry”** and input a name for the new industry.

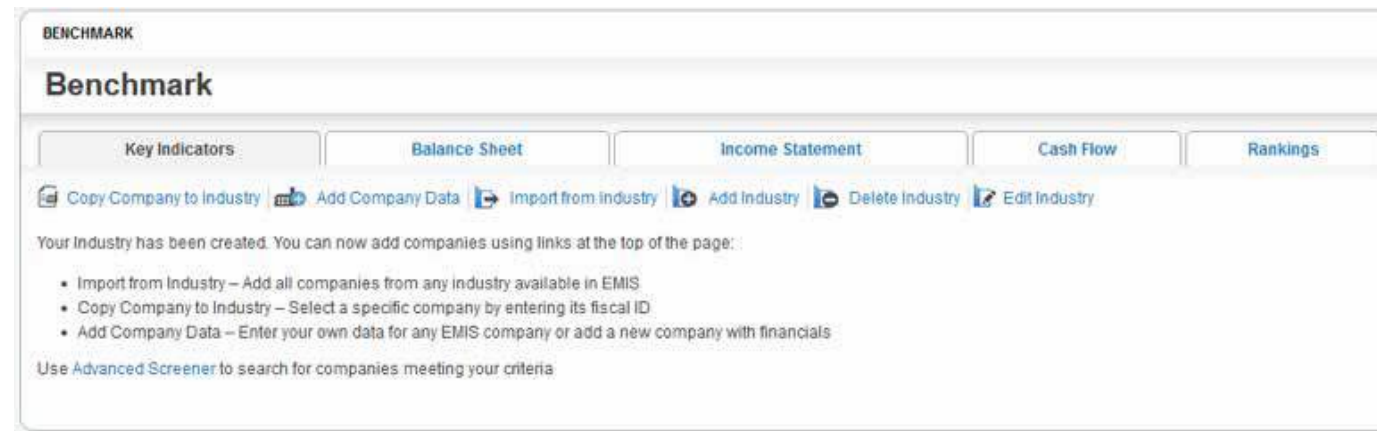


The new industry will appear in left Industry tree, under My Benchmark Industries.

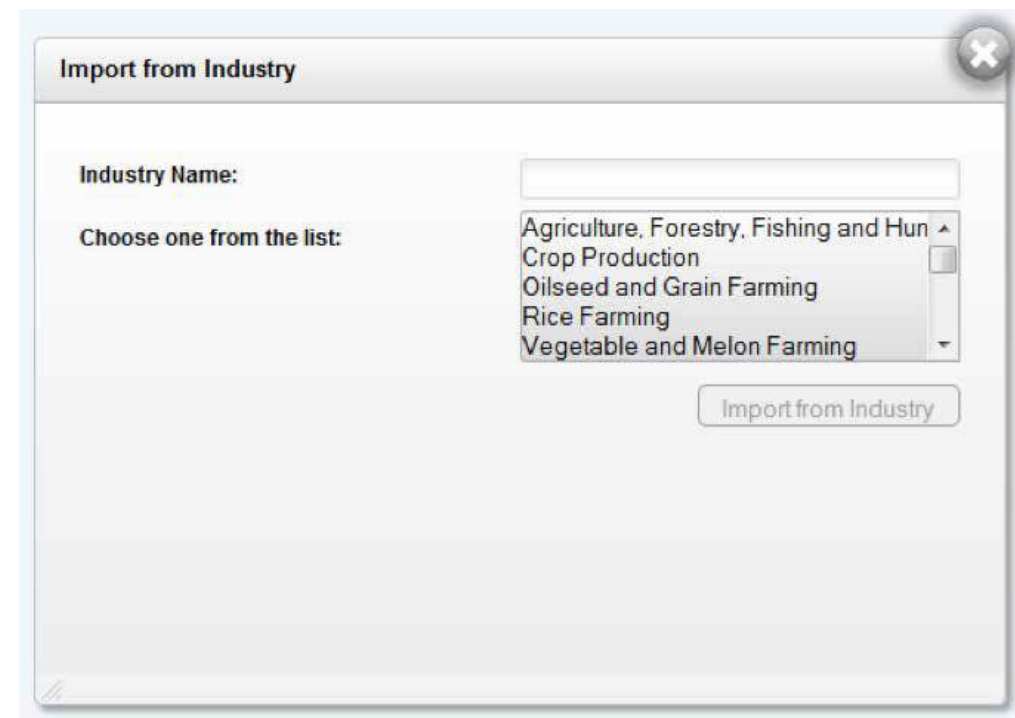
Please note that the new industry will be solely to the user that created the industry.

Step 2: Add companies to the new industry

Three different functionalities can be used to populate the new industry with companies.



A. **“Import from Industry”** functionality can be used to import an entire set of companies from an EMIS Industry.



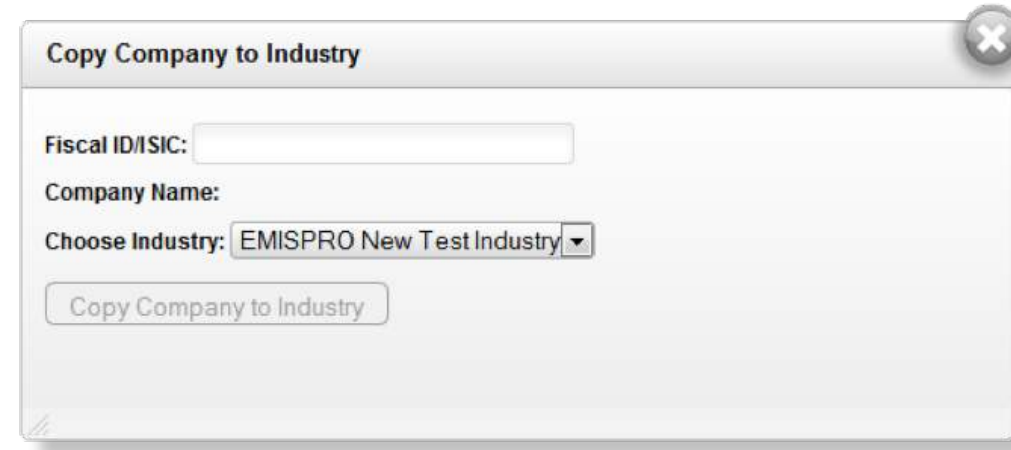
Find the name of the industry in the list box or use the search form to filter the industries, and press “Import from Industry”.

All companies present in the selected industry will be added to your industry.

Please note that depending on the number of companies imported to your industry, this operation can take a couple of minutes, period during which you won’t see the companies.

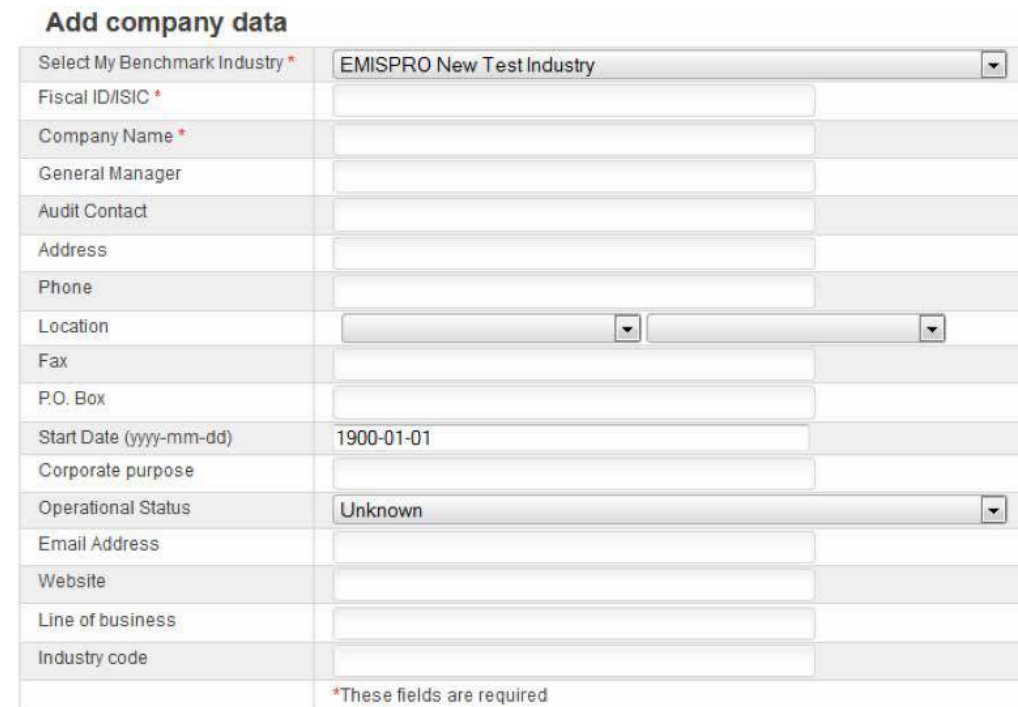
USER GUIDE - BENCHMARK

B. **“Copy Company to Industry”** functionality can be used to add only one company to your new industry.



Searching for a particular company (present in EMIS database) can be done using the fiscal ID. Simply input a valid ID, and “Company Name” will be displayed automatically. Next, select “Copy Company to Industry”.

C. **“Add Company Data”** functionality can be used to add to your Benchmark industry a company that is not present in EMIS database. Also, this form can be used to add financial data for an existing company, in case this data is missing.



First step input a valid fiscal ID. In case the company exists in our database, then the rest of the fields (Company Name, contact information, or Industry Code) will be automatically populated with proper information. If the company is not present in our database, then you need to add a company name (mandatory field) and contact information (optional fields). **Please note that if you add a new company, then it will be vEMISble only to the user that created the company.**

USER GUIDE - BENCHMARK

Add Financial Data – you can add data for two different periods (annually, quarterly or monthly). If you want to add more data, simply reuse the “**Add Company Data**” form, using the same fiscal ID.

Add Financial Data		
Currency	Thousands (RON)	Thousands (RON)
Period		
Balance		
Cash and Banks	0.0	0.0
Short Term Investments	0.0	0.0
-Customers	0.0	0.0
-Doubtful Debt	0.0	0.0
-Provisions	0.0	0.0
Account Receivables (Trade)	0.0	0.0
-Raw materials	0.0	0.0
-Work in Process	0.0	0.0
-Finished Goods	0.0	0.0
Inventory	0.0	0.0
Taxes, Contributions Pre Payments	0.0	0.0
Other Accounts Receivables	0.0	0.0
Deferred Assets	0.0	0.0
Other Current Assets	0.0	0.0
Current Assets	0.0	0.0

Note: Financial Data form is checking that data is correct, and Save will be available only if data input does not contain any errors.

Step 3: Edit Industry

This form can be used to remove companies that you don't want to be included in your industry.

Benchmark	
Key Indicators	Balance Sheet
Income Statement	Cash Flow
Rankings	
Copy Company to Industry Add Company Data Import from Industry Add Industry Delete Industry Edit Industry	
Edit Industry	
<input type="button" value="Select/Deselect All"/> <input type="button" value="Delete Selected"/>	
<input type="checkbox"/>	24 Din 24 SRL
<input type="checkbox"/>	A & Amp; S International 2000 SRL
<input type="checkbox"/>	A & Amp; S Zimbru SRL
<input type="checkbox"/>	A.G. Cerchez SRL
<input type="checkbox"/>	A.G.V. Impex SRL
<input type="checkbox"/>	Abetda SRL
<input type="checkbox"/>	Acrecent SRL
<input type="checkbox"/>	Acvita S. R. L.
<input type="checkbox"/>	Ada Prod Com SRL
<input type="checkbox"/>	Adam Agroment Srl
<input type="checkbox"/>	Adela S. R. L.
<input type="checkbox"/>	Adige S. R. L.
<input type="checkbox"/>	Advidoca SRL
<input type="checkbox"/>	Af 76 Agri SRL
<input type="checkbox"/>	Afiliu Trans Srl
<input type="checkbox"/>	Agermec SRL Prelesti
<input type="checkbox"/>	Agertrans SA

Simply select the companies you want to be remove and press “**Delete Selected**”.

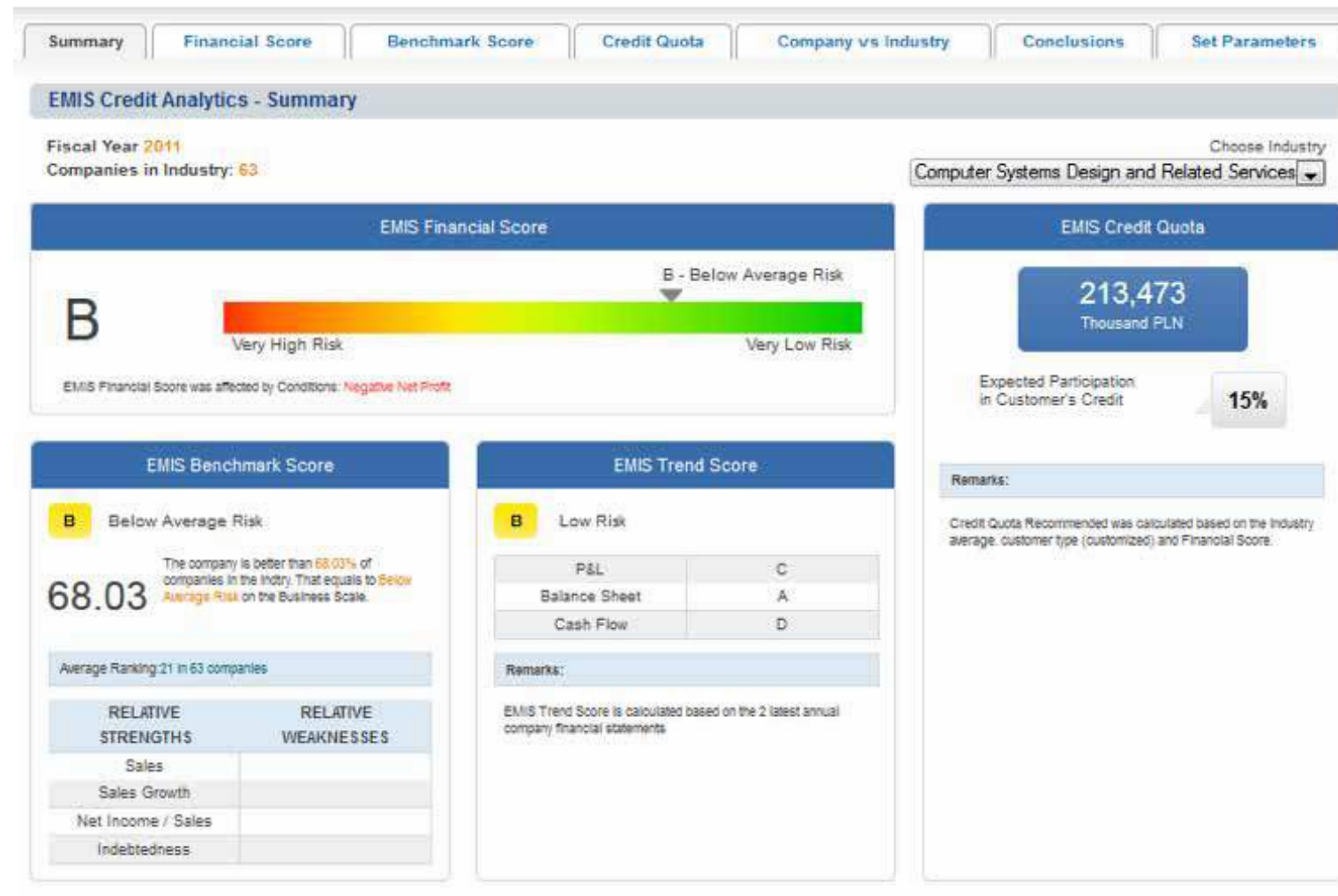
USER GUIDE - EMIS CREDIT ANALYTICS

1.1. Landing Page

EMIS Credit Analytics is a risk assessment model based on the concept of industry benchmark. The scoring mechanism takes into consideration:

- relative performance of the company against the industry;
- analysis of the company's financial statements by key indicators and ratios.

The tool provides a credit risk score and calculates a target credit exposure recommendation for a given business, adjusted by a set of parameters customized by users.



The screenshot displays the EMIS Credit Analytics interface with the following components:

- Navigation Tabs:** Summary, Financial Score, Benchmark Score, Credit Quota, Company vs Industry, Conclusions, Set Parameters.
- Summary Section:**
 - Fiscal Year: 2011
 - Companies in Industry: 63
 - Industry Selection: Computer Systems Design and Related Services
- EMIS Financial Score:**
 - Score: **B** (Below Average Risk)
 - Visual scale from Very High Risk (red) to Very Low Risk (green).
 - Note: EMIS Financial Score was affected by Conditions: *Negative Net Profit*
- EMIS Credit Quota:**
 - Value: **213,473** Thousand PLN
 - Expected Participation in Customer's Credit: **15%**
 - Remarks: Credit Quota Recommended was calculated based on the industry average, customer type (customized) and Financial Score.
- EMIS Benchmark Score:**
 - Score: **B** (Below Average Risk)
 - Score Value: **68.03**
 - Note: The company is better than 68.03% of companies in the industry. That equals to *Below Average Risk* on the Business Scale.
 - Average Ranking: 21 in 63 companies
 - Table:

RELATIVE STRENGTHS	RELATIVE WEAKNESSES
Sales	
Sales Growth	
Net Income / Sales	
Indebtedness	
- EMIS Trend Score:**
 - Score: **B** (Low Risk)
 - Table:

P&L	C
Balance Sheet	A
Cash Flow	D
 - Remarks: EMIS Trend Score is calculated based on the 2 latest annual company financial statements

- EMIS Credit Analytics allows you to:
- verify the creditworthiness of your customers;
 - benchmark your customers' portfolio against the industry;
 - mitigate counterparty risk;
 - manage risk exposure;
 - customize the scoring model.

USER GUIDE - EMIS CREDIT ANALYTICS

I.2. Summary Tab

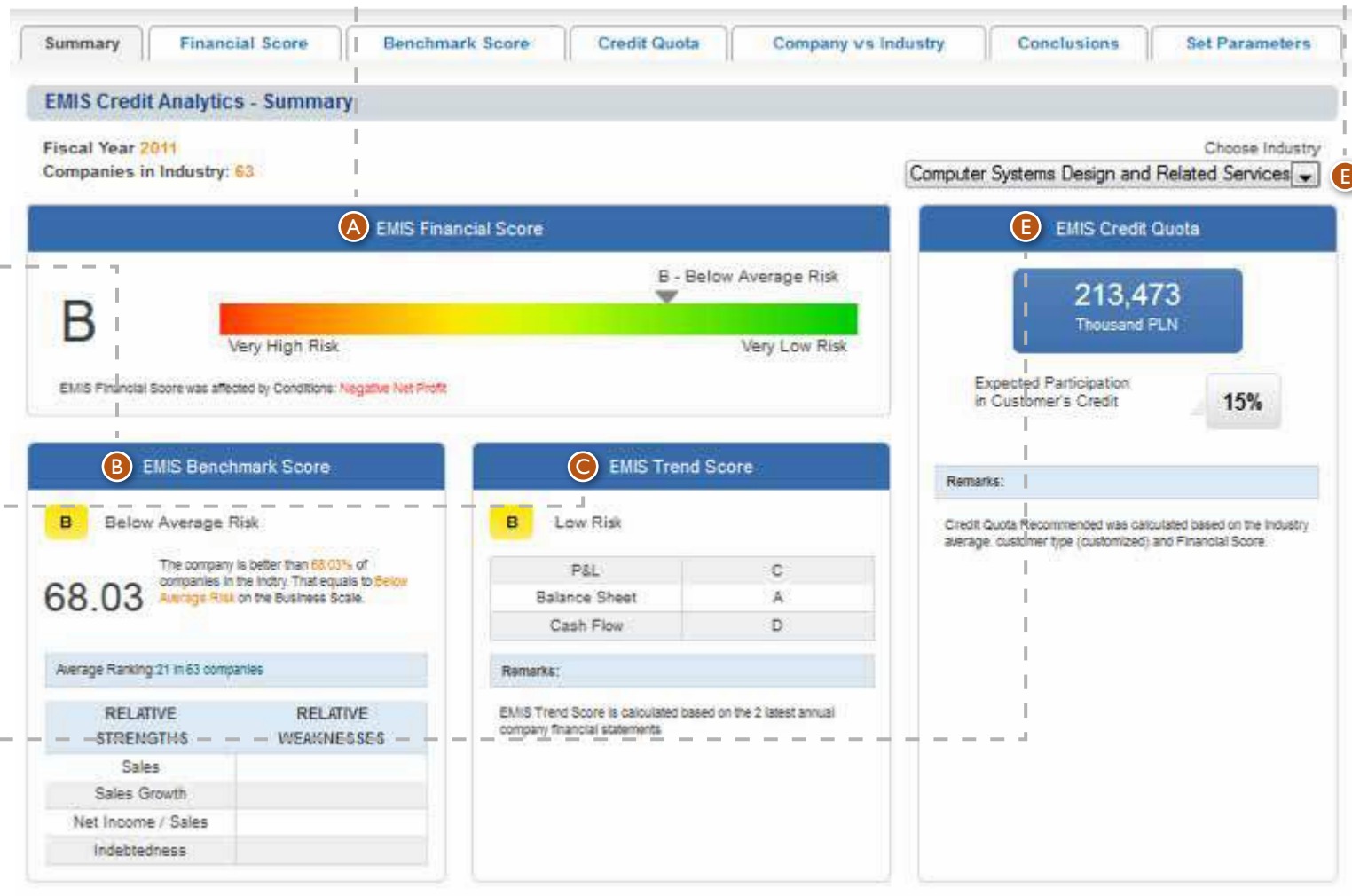
The Summary Tab presents the key results of the scoring process.

A EMIS Financial Score – reflects the internal financial strength and the result of industry benchmarking

B EMIS Benchmark Score – reflects the position of company within its sector

C EMIS Trend Score – reflects the internal financial strength of the entity

C EMIS Credit Quota – maximum credit exposure recommendation.



The dropdown list **E** allows users to select a sector relevant for the company's main and secondary activities. All industries of a higher level are also available, e.g. if the company is classified as Construction of Buildings (223), Construction (22) is also available in the dropdown list. The default selection is the main activity of the lowest level. If there is more than one main activity, the default option is the first activity displayed in the company profile list. If the Industry is changed on one page, it also affects all other EMIS Credit Analytics pages, where the Industry selection dropdown list is available or the Industry selection is relevant.

USER GUIDE - EMIS CREDIT ANALYTICS

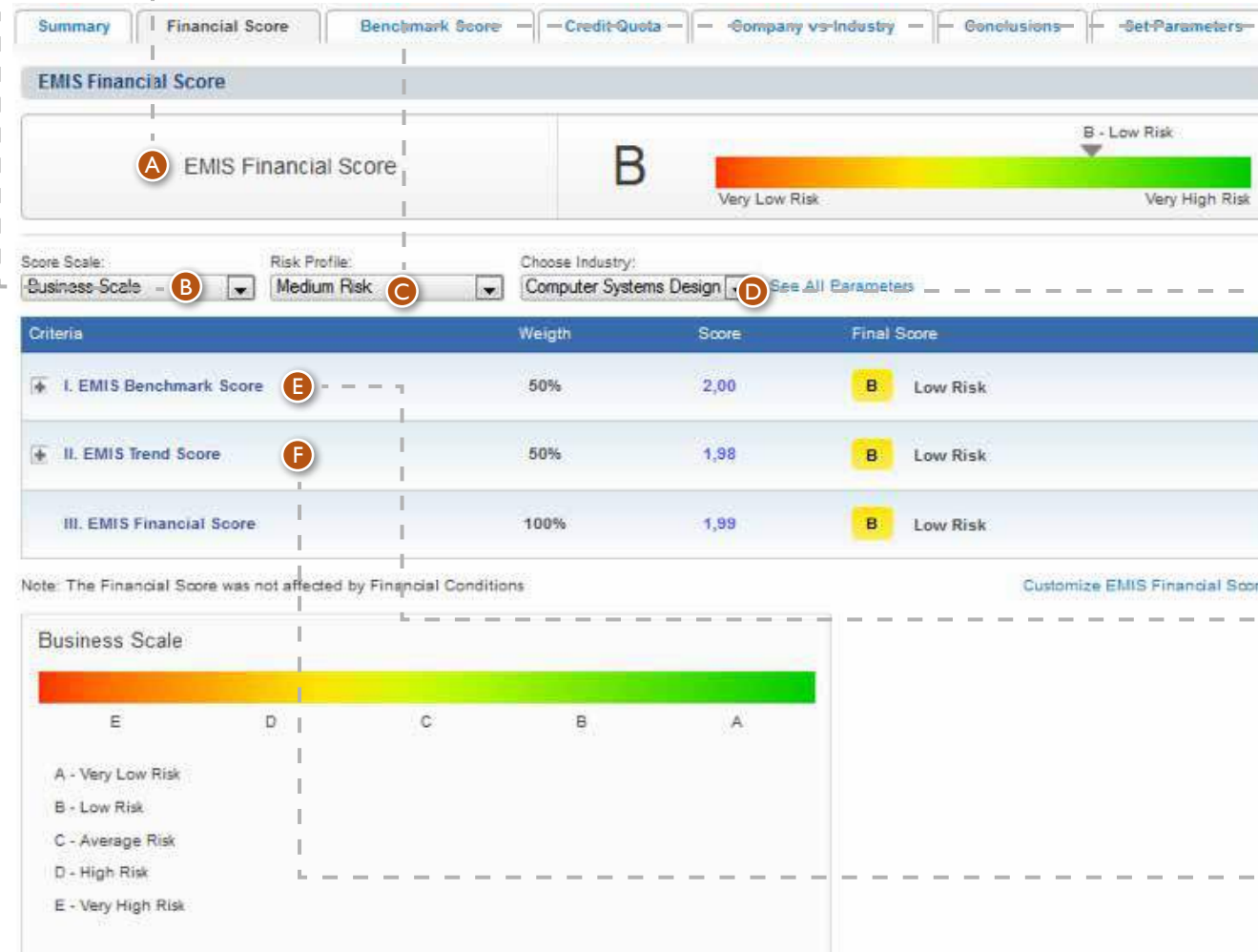
I.3. EMIS Financial Score

A EMIS Financial Score – reflects the internal financial strength and the result of industry benchmarking, it is the same score as on the Summary Tab

B Score Scale –The user can select between two Score Scales – Financial Scale (8 notches) and Business Scale (5 notches). The Business Scale is selected by default. The notches are presented in the tables below:

Business Scale		
1	A	Very low risk
2	B	Low risk
3	C	Average risk
4	D	High risk
5	E	Very high risk

Financial Scale		
1	AA	Very low risk
2	A	Low risk
3	BB	Moderate low risk
4	B	Below average risk
5	CC	Above average risk
6	C	Moderate high risk
7	D	High risk
8	E	Very high risk



C Risk Profile – The user can select from 3 Risk Profiles:

- Normal Risk;
- High Risk;
- Low Risk.

Normal Risk is the default setting.

The dropdown list **D** allows users to select a sector relevant to the company’s main and secondary activities. All industries of a higher level are also available, this is the same dropdown list as on the Summary Tab.

E Allows you to look up EMIS Benchmark Score details. The EMIS Benchmark Score functionality is fully described in section I.4. EMIS Benchmark Score of this manual.

F Allows you to look up EMIS Trend Score details

USER GUIDE - EMIS CREDIT ANALYTICS

A Weight: describes the percentage that the subsequent parts take in the Financial Score. The weight can be adjusted manually in the Set Parameters section.

C Final Score: a letter assigned to the score. It uses the same scale as the Financial Score

Criteria	Weight	Score	Final Score
I. EMIS Benchmark Score	A 50%	B 2,00	C B Low Risk

SIZE	RANKING	SCORE	GROWTH	RANKING	SCORE
Sales	1	100	Net Sales Growth Rate %	8	88.89
Assets	1	100	Inc. / Dec. in Assets	32	50.79
Profit	1	100	Inc. / Dec. in Net Income	33	49.21
Total Shareholders' Equity	1	100	Increase (Decrease) in Equity	27	58.73
Average Size	1	100	Average Growth	25	61.9

PROFITABILITY	RANKING	SCORE	INDEBTEDNESS	RANKING	SCORE
Net Income / Net Sales	21	68.25	Indebtedness	22	66.67
Return On Assets	35	46.03	Leverage	24	63.49
Net Income / Net Worth	42	34.92	Total Liabilities / Sales	43	25.4
Average Profitability	33	49.73	Average Indebtedness	31	51.85

EMIS Benchmark Score		68,03
-----------------------------	--	--------------

B Score: an intermediary scoring value that is used for the Trend Score calculation

The EMIS Benchmark Score functionality is fully described in the section 1.4. EMIS Benchmark Score of this manual.

A EMIS Trend Score presents 3 tables with indicators, for 3 parts of the financial statement - Balance Sheet, Income Statement and Cash Flow. The selected indicators from all 3 sections are used to calculate the Score.

B Each indicator's value is compared to its previous period value to determine the period-over-period change. EMIS Trend Score uses a three-level score of numbers from 1 to 3. Each indicator will have a number assigned:

- 1 if the indicator improves;
- 2 if the indicator maintains its trend;
- 3 if the indicator deteriorates.

There is a tolerance range which describes the percentage of change that is tolerated in order to decide on improvement or deterioration. It can be customized in the Set Parameters page.

Each table presents an average value at the bottom that can be any number from 1 to 3. The averages are weighted based on the settings in the Set Parameters page. The final score **B** is also a weighted average.

II. EMIS Trend Score **A** 50% **B** 1,98 **B** Low Risk **D**

Scoring Range: 1 - Improves, 2 - Maintains (According to the tolerance margin), 3 - Deteriorate

P&L	2011	2012	TOTAL
Sales Growth	1 ↑	N/A	1
Operating Profit/Sales	3 ↓	N/A	3
Net Income/Sales	3 ↓	N/A	3
Total P&L	2,33	N/A	2,33

C **C** Average Risk **D**

BALANCE	2011	2012	TOTAL
Days Receivables	1 ↑	N/A	1
Days Inventory	1 ↑	N/A	1
Current Ratio	2 ↓	N/A	2
Indebtness (Total Assets/Total Liabilities)	2 ↓	N/A	2
Total Liabilities/Sales	1 ↑	N/A	1
Total Balance	1,36	N/A	1,36

C **A** Very Low Risk **D**

CASH FLOW	2011	2012	TOTAL
Cash From Sales	1 ↑	N/A	1
Cash For Production	3 ↓	N/A	3
Cash For Operation	3 ↓	N/A	3
Net Operation Cash Generation (NOCG)	3 ↓	N/A	3
Free Cash Flow	3 ↓	N/A	3
Cash Flow After Financial Expenses	3 ↓	N/A	3
Cash Flow After Financial	3 ↓	N/A	3
Reduction in Debt	2 ↓	N/A	2
Total Cash Flow	2,70	N/A	2,70

C **D** High Risk **D**

D The final Trend Score, as well as the 3 sections' separate scores have their equivalents on the Financial Score letter scale, which are presented after each table, together with text explanations. If there is no data for the period directly preceding the latest period, a Score of 2 will be assigned.

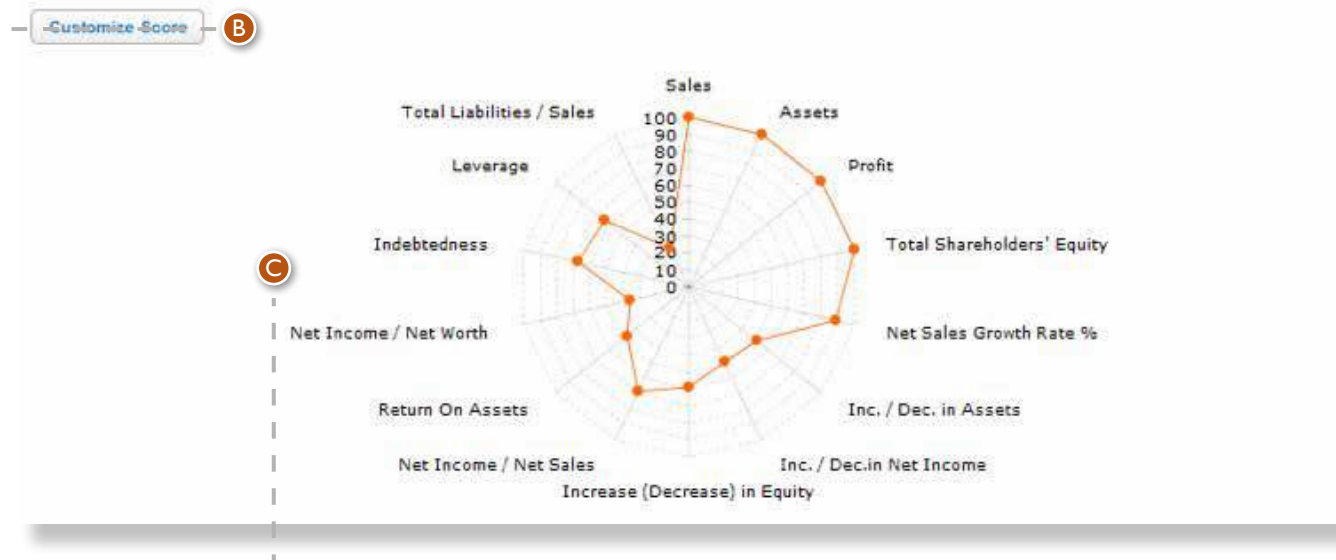
USER GUIDE - EMIS CREDIT ANALYTICS

I.4. EMIS Benchmark Score

A EMIS Benchmark Score – reflects the position of company within its sector of operations



B EMIS Benchmark Score customization – see on the next page



D EMIS Benchmark Score radar chart – graphical presentation of the strengths and weaknesses of the analysed company.

Customize EMIS Benchmark Score A
 Select/Deselect accounts to customize

<input checked="" type="checkbox"/> Sales	<input checked="" type="checkbox"/> Assets	<input checked="" type="checkbox"/> Profit
<input checked="" type="checkbox"/> Net Worth	<input checked="" type="checkbox"/> Net Sales Growth Rate %	<input checked="" type="checkbox"/> Inc. / Dec. in Assets
<input checked="" type="checkbox"/> Inc. / Dec.in Net Income	<input checked="" type="checkbox"/> Increase (Decrease) in Equity	<input checked="" type="checkbox"/> Net Income / Net Sales
<input checked="" type="checkbox"/> Return On Assets	<input checked="" type="checkbox"/> Net Income / Net Worth	<input type="checkbox"/> Operational Profit / Sales
<input checked="" type="checkbox"/> Indebtedness	<input checked="" type="checkbox"/> Leverage	<input checked="" type="checkbox"/> Total Liabilities / Sales
<input type="checkbox"/> Days Receivables	<input type="checkbox"/> Days Inventory	<input type="checkbox"/> Suppliers Turnover
<input type="checkbox"/> Operational Cycle	<input type="checkbox"/> Current Ratio	<input type="checkbox"/> Quick Ratio
<input type="checkbox"/> Working Capital	<input type="checkbox"/> Gross profit / Net sales	<input type="checkbox"/> Other Income / Net Profit
<input type="checkbox"/> Current Liabilities / Total Liabilities	<input type="checkbox"/> Total Employee	<input type="checkbox"/> Reduction in Debt

Apply Cancel

A The window allows users to select financial parameters that they consider fundamentally important for the benchmarking process in a given industry.

USER GUIDE - EMIS CREDIT ANALYTICS

I.4. EMIS Benchmark Score

A Ranking: shows the rank of a business in the industry by given financial parameters. Score: a number assigned to the ranking. Score is expressed as a number on the 0-100 scale (1 place in the industry scores 100).

SIZE	RANKING A	SCORE	GROWTH	RANKING B	SCORE
Sales	1	100	Net Sales Growth Rate %	8	88.89
Assets	1	100	Inc. / Dec. in Assets	32	50.79
Profit	1	100	Inc. / Dec. in Net Income	33	49.21
Total Shareholders' Equity	1	100	Increase (Decrease) in Equity	27	58.73
Average Size	1	100.00	Average Growth	25	61.90
PROFITABILITY	RANKING	SCORE	INDEBTEDNESS	RANKING	SCORE
Net Income / Net Sales	21	68.25	Indebtedness	22	66.67
Return On Assets	35	46.03	Leverage	24	63.49
Net Income / Net Worth	42	34.92	Total Liabilities / Sales	48	25.40
Average Profitability	33	49.73	Average Indebtedness	31	51.85
Average Ranking		21			

B Score: a number assigned to the ranking. Score is expressed as a number on the 0-100 scale (1 place in the industry scores 100).

EMIS Benchmark Score is calculated as an average scoring calculate on the basis of the following sets of financial indicators and ratios:

- Business size;
- Profitability;
- Growth;
- Indebtedness.



EMIS Benchmark Score is first translated to the letter scale, and then from the letter scale to the 1-3 score scale. The assigned 1-3 notch and the letter notch are visible on EMIS Financial Score tab.

Criteria	Weight	Score	Final Score
1. EMIS Benchmark Score	50%	2.00	B Low Risk

Translation of EMIS Benchmark Score to the letter scale is conducted on the basis of the below tables:

FINANCIAL SCALE

NOTCH	NORMAL RISK		HIGH RISK		LOW RISK	
	Min	Max	Min	Max	Min	Max
AA	70.000	100.000	77.00	100	63	100
A	60.000	69.999	66.00	76.9989	54.00	62.9991
BB	50.000	59.999	55.00	65.9989	45.00	53.9991
B	40.000	49.999	44.00	54.9989	36.00	44.9991
CC	30.000	39.999	33.00	43.9989	27.00	35.9991
C	20.000	29.999	22.00	32.9989	18.00	26.9991
D	10.000	19.999	11.00	21.9989	9.00	17.9991
E	0.000	9.999	-	10.9989	-	8.9991

BUSINESS SCALE

NOTCH	NORMAL RISK		HIGH RISK		LOW RISK	
	Min	Max	Min	Max	Min	Max
A	70.000	100.000	77.00	100	63	100
B	59.999	69.999	66.00	76.9989	54.00	62.9991
C	39.999	59.998	44.00	65.9978	36.00	53.9982
D	10.000	39.998	11.00	43.9978	9.00	35.9982
E	0.000	9.999	-	10.9989	-	8.9991

The translation of EMIS Benchmark Score to the 1-3 score scale is conducted on the basis of the below tables:

FINANCIAL SCALE

CATEGORY	NORMAL RISK	HIGH RISK	LOW RISK
AA	1.500	1.35	1.65
A	1.700	1.53	1.87
BB	2.000	1.8	2.2
B	2.300	2.07	2.53
CC	2.450	2.205	2.695
C	2.650	2.385	2.915
D	2.850	2.565	3.000
E	3.000	3	3.00

BUSINESS SCALE

CATEGORY	NORMAL RISK	HIGH RISK	LOW RISK
A	1.500	1.35	1.65
B	2.000	1.8	2.2
C	2.650	2.385	2.915
D	2.850	2.565	3
E	3.000	3	3

USER GUIDE - EMIS CREDIT ANALYTICS

I.4. EMIS Credit Quota

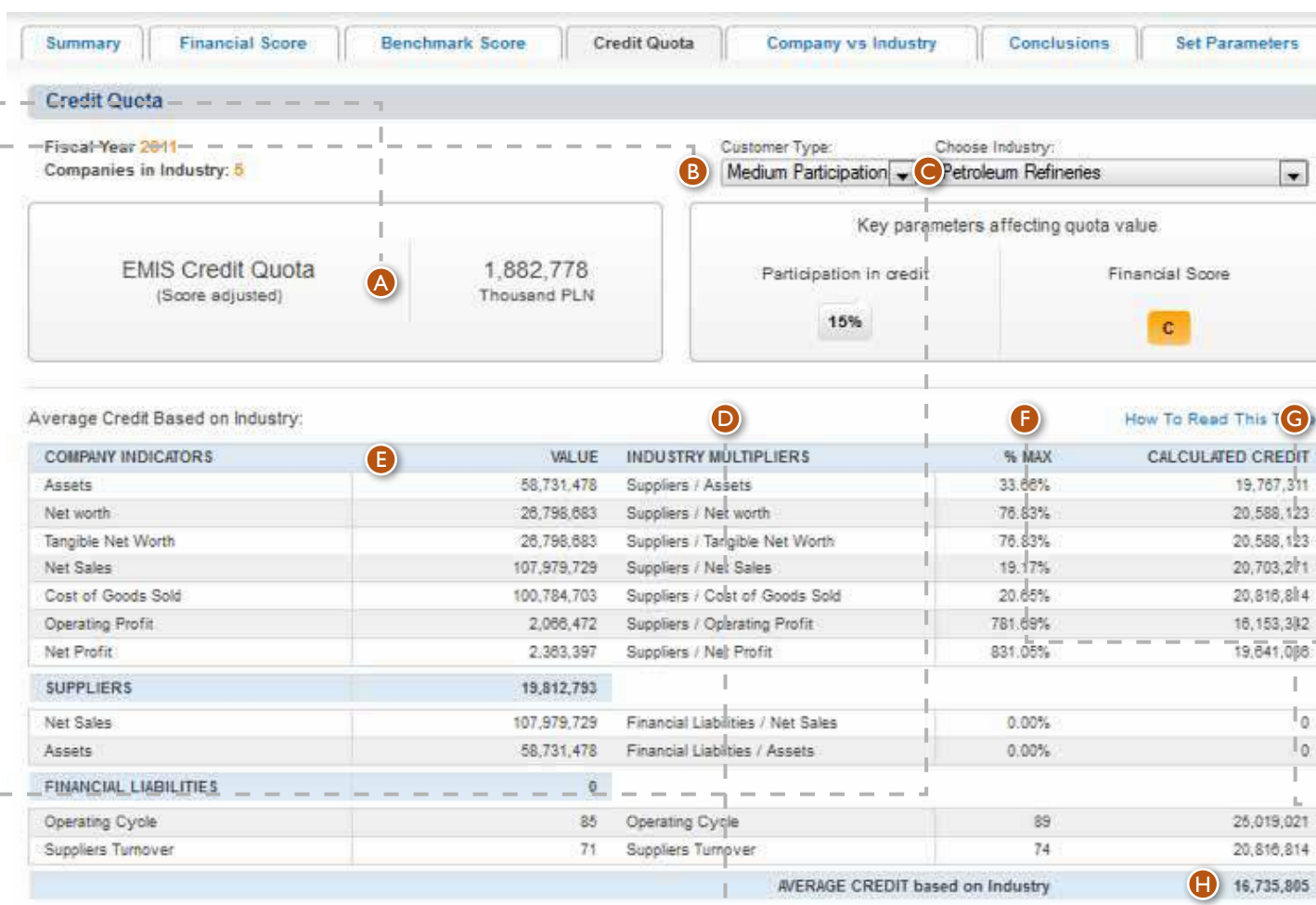
A EMIS Credit Quota – target credit exposure recommended by EMIS

B Customer Type – place to define the level of participation in customer’s payables

Parameter	Percentage
Special Customer	50%
High Participation	30%
Medium Participation	15%
Low Participation	10%
New Customer	3%
Other	Value inserted by the user

C Choose Industry – select industry for benchmarking

D The table is divided in 3 parts:
 1. Parameters related to Suppliers account (Accounts Payable)
 2. Cycle and turnover parameters
 3. Parameters related to Financial Liabilities account



The screenshot shows the 'Credit Quota' tab in the EMIS Credit Analytics interface. At the top, there are navigation tabs: Summary, Financial Score, Benchmark Score, Credit Quota (selected), Company vs Industry, Conclusions, and Set Parameters. Below the tabs, there are input fields for 'Fiscal Year' (2011), 'Companies in Industry' (5), 'Customer Type' (Medium Participation), and 'Choose Industry' (Petroleum Refineries). A large box displays the 'EMIS Credit Quota (Score adjusted)' as 1,882,778 Thousand PLN. To the right, 'Key parameters affecting quota value' shows 'Participation in credit' at 15% and 'Financial Score' with a yellow 'C' icon. Below this is a table titled 'Average Credit Based on Industry' with columns for 'COMPANY INDICATORS', 'VALUE', 'INDUSTRY MULTIPLIERS', '% MAX', and 'CALCULATED CREDIT'. The table is divided into three sections: COMPANY INDICATORS, SUPPLIERS, and FINANCIAL LIABILITIES. At the bottom, an 'AVERAGE CREDIT based on Industry' is shown as 16,735,895.

The first two columns contain Company data – account name and the corresponding account value. There are also Suppliers and Financial Liabilities accounts for the Company for reference – they are not used in the calculation.

F Industry average for given multiplier.

G Calculated credit – it is calculated on the basis of the company financial parameters and the industry average value for the given multiplier.

H Average credit based on industry – figure calculated as the average of calculated credits per each financial parameter.

USER GUIDE - EMIS CREDIT ANALYTICS

I.4. EMIS Credit Quota

A Customization box – users can set up industry, customer type, scale and risk profile here. Calculation graph:

B Base figure – average credit calculated on the basis of industry multipliers.

C Participation adjustment – managed by customer type set up menu.

D Financial score adjustment – correction reflecting the internal financial strength of the entity.

E Figure after the participation adjustment.

F Financial score adjustment factor. The tables below present all the combinations of adjustment factors depending on the scale.

Credit Quota Calculation



Score Multipliers **H**

QUOTA ADJUSTMENTS ACCORDING TO THE FINAL SCORE	BUSINESS SCALE	MULTIPLIERS
Expanded Quota	A	2
Normal Quota	B	1
Reduced Quota	C	0.75
	D	0.5
No Quota	E	0

Financial Scale Adjustments	Notch	Factor
Expanded Quota	AA	2
	A	1.5
Normal Quota	BB	1
Reduced Quota	B	0.8
	CC	0.6
	C	0.4
No Quota	D	0.2
	E	0

Business Scale Adjustments	Notch	Factor
Expanded Quota	A	2
	B	1
Reduced Quota	C	0.75
No Quota	D	0.5
No Quota	E	0

G EMIS Credit Quota – target credit exposure recommended by EMIS, final figure.

I.5. Company vs Industry

I.5.1. Company vs Industry – Key Stats

The Company vs Industry section is built up by the following subsections:

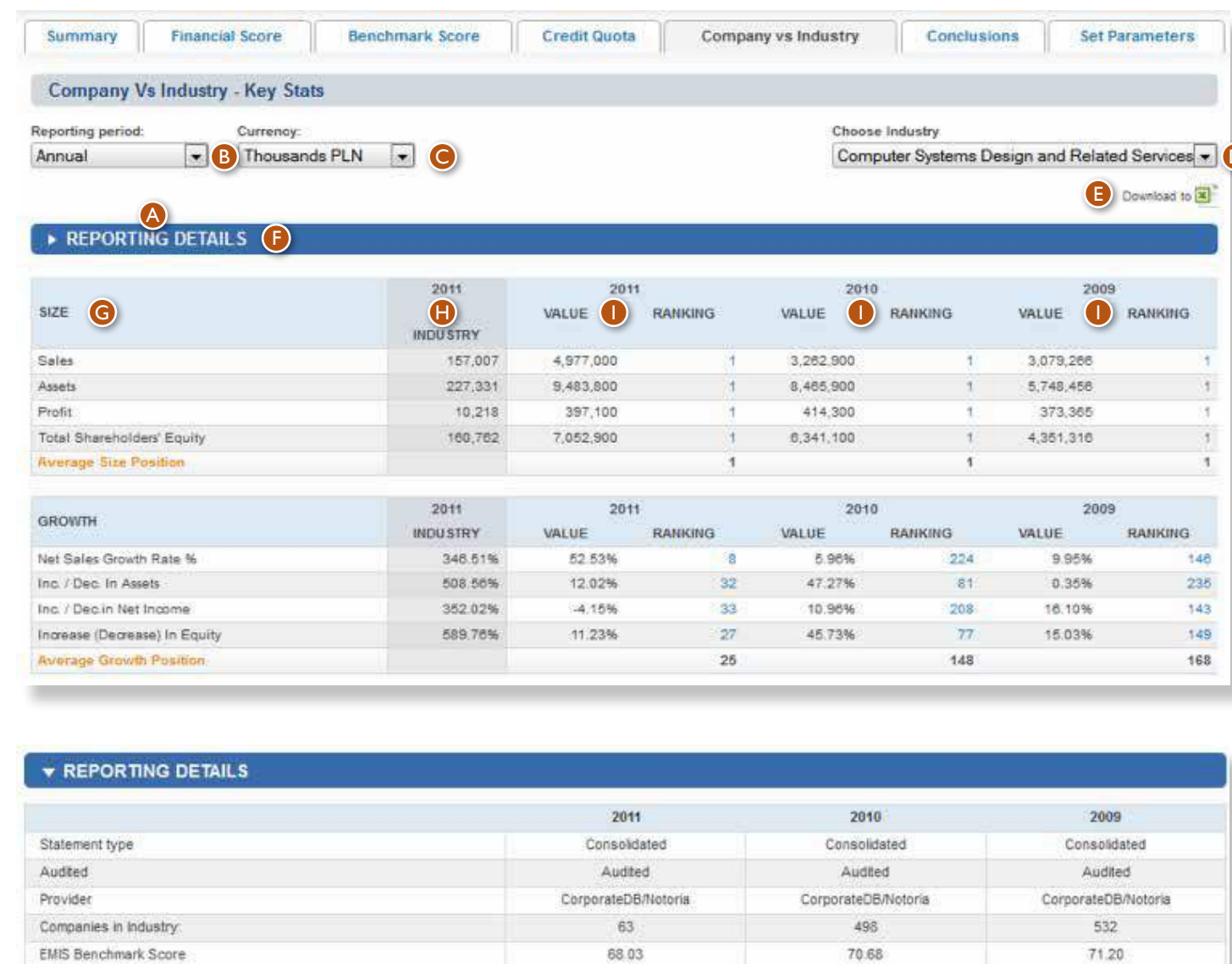
- Key Stats;
- Income Statement;
- Balance Sheet;
- Cash Flow.

At the top of Company vs Industry pages there are:

- B** Reporting Period dropdown
- C** Currency selection dropdown (available only on Key Stats page)
- D** Industry selection dropdown
- E** Download to Excel icon

The Key Stats **A** page has the standard elements plus the Currency dropdown. The upper part shows the Reporting Details section, which is a collapse/expand section, collapsed by default. It contains the following information for the 4-year period of company data:

- Statement Type: shows the kind of financial statement - Individual or Consolidated;
- Audited: shows if the Financial statement is Audited or Non Audited;
- Provider: Display Source name;
- Companies in Industry: shows the number of companies in the industry for each year;
- EMIS Benchmark Score: shows the score for the company for each year.



SIZE	2011		2010		2009	
	INDUSTRY	VALUE	RANKING	VALUE	RANKING	VALUE
Sales	157,007	4,977,000	1	3,262,900	1	3,079,266
Assets	227,331	9,483,800	1	8,485,900	1	5,748,456
Profit	10,218	397,100	1	414,300	1	373,365
Total Shareholders' Equity	160,762	7,052,900	1	6,341,100	1	4,351,316
Average Size Position			1		1	1

GROWTH	2011		2010		2009	
	INDUSTRY	VALUE	RANKING	VALUE	RANKING	VALUE
Net Sales Growth Rate %	346.51%	52.53%	8	5.95%	224	9.95%
Inc. / Dec. In Assets	508.56%	12.02%	32	47.27%	61	0.35%
Inc. / Dec. in Net Income	352.02%	-4.15%	33	10.96%	208	16.10%
Increase (Decrease) In Equity	589.76%	11.23%	27	45.73%	77	15.03%
Average Growth Position			25		148	168

	2011	2010	2009
Statement type	Consolidated	Consolidated	Consolidated
Audited	Audited	Audited	Audited
Provider	CorporateDB/Notoria	CorporateDB/Notoria	CorporateDB/Notoria
Companies in Industry	63	496	532
EMIS Benchmark Score	68.03	70.68	71.20

Below Reporting Details there is a table with data that contains one-year data for the Industry and four-year data for the company.

The first column shows Indicators' names **G**. The second column displays Industry average for the latest year **H**. The next columns **I** show Company data. The last row of each table contains the Average Company Ranking of all the Rankings for individual indicators.

When the user hovers the mouse over an indicator's name, it shows a detailed formula of calculation.

USER GUIDE - EMIS CREDIT ANALYTICS

1.5.2. Company vs Industry – Income Statement, Balance Sheet, Cash Flow

- Company vs Industry
- Key Stats**
- Income Statement
- Balance Sheet
- Cash Flow

Summary | Financial Score | Benchmark Score | Credit Quota | **Company vs Industry** | Conclusions | Set Parameters

Company Vs Industry - Income Statement

Reporting Period: Annual | Choose Industry: Computer Systems Design and Related Services

Table | **Charts** ^A

Reporting Details

OPERATING PROFIT ^B	2011 INDUSTRY ^C		2011 COMPANY		2010 INDUSTRY ^C		2010 COMPANY		2009 INDUSTRY ^C		2009 COMPANY	
	V%	H%	V%	H%	V%	H%	V%	H%	V%	H%	V%	H%
Sales	100.00%	346.51%	100.00%	52.53%	100.00%	12.50%	100.00%	5.96%	100.00%	0%	100.00%	0%
Cost Of Goods Sold	74.77%	470.33%	72.00%	63.47%	58.54%	16.46%	67.18%	7.94%	56.55%	0%	65.95%	0%
Gross Profit	25.23%	171.68%	28.00%	30.15%	41.46%	7.34%	32.82%	2.13%	43.45%	0%	34.05%	0%
Administrative And General Expenses	19.07%	171.30%	8.04%	41.38%	31.39%	4.27%	8.67%	-8.38%	33.67%	0%	9.82%	0%
Selling Expenses	19.68%	410.21%	7.01%	57.39%	17.21%	-5.73%	8.80%	0.48%	20.54%	0%	7.17%	0%
Operational Profit	9.40%	406.19%	12.95%	13.87%	8.29%	19.48%	17.35%	7.72%	7.81%	0%	17.07%	0%

NON OPERATING INCOME	2011 INDUSTRY		2011 COMPANY		2010 INDUSTRY	
	V%	H%	V%	H%	V%	H%
Total Non-operating Revenue	2.88%	1,317.60%	3.16%	182.55%	0.84%	-20.99%
Financial Revenue	2.88%	1,317.60%	3.16%	182.55%	0.84%	-20.99%
Total Non-operating Expenses	1.57%	452.59%	1.76%	-31.43%	1.27%	-2.95%
Financial Expenses	1.57%	452.59%	1.76%	-31.43%	1.27%	-2.95%
Profit Before Income Taxes	10.25%	480.16%	14.35%	44.55%	7.89%	18.48%

Each page has two views, which are controlled by a toggle buttons ^A :

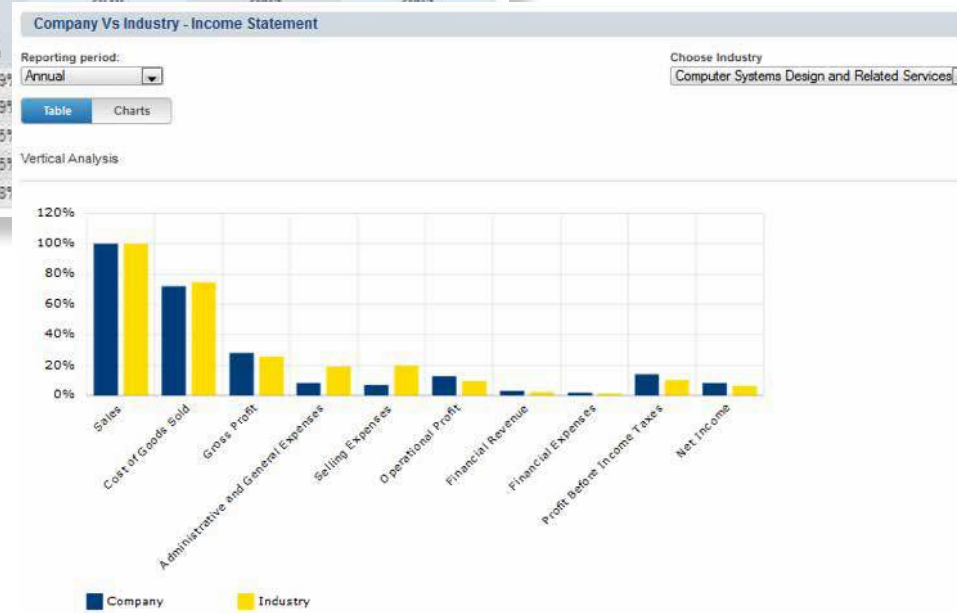
- table with 3-year company and industry data, showing vertical or/and horizontal analysis;
- charts with horizontal and vertical analysis.

Table view:

- On the left there is a table with relevant indicators for the Company and Industry. The first column shows Indicators' names ^B.
- The next columns display 3-year Industry and Company data. There are always 2 columns for one year, one for Company, and one for Industry ^C.

Company and Industry columns display vertical analysis data (V%) and horizontal analysis data (H%).

Chart view:



I.4. Conclusions

The Conclusions page is a ready-to-print one page report that is also available as a separate page online. It has the Industry dropdown list for quick toggle between the selected company's activities.

Conclusions

NIP 5220003782

Headquarters
ul. Olchowa 14
35-322 Rzeszow, Podkarpackie

Tel: (0-17) 875-54-00
Fax: (0-17) 875-54-08
Email: info@asseco.pl

Asseco Poland S.A.

EMIS Credit Analytics


Date: 2013, 25 Oct

EMIS Benchmark Score (Business Performance Score) is based on financial statements as of 2011. EMIS Benchmark Score of Asseco Poland S.A. is the result of comparing its financial results with that of 63 companies classified by EMIS Credit Analytics within "Computer Systems Design and Related Services" industry.

EMIS Benchmark Score
(Against Industry)

68.03

B - Low Risk



Choose Industry: Computer Systems Design and Related Services

Note: Companies classified in "Computer Systems Design and Related Services" are not necessarily direct competitors. Please refer to Benchmark Ranking for complete details of the companies classified within this industry.

EMIS Benchmark Score is the result of the company's ranking within its industry in different financial ratios of Size, Profitability, Growth, Indebtedness, Efficiency and Liquidity Ratios. In the result it is important to note:

RELATIVE STRENGTHS	RANKING	SCORE
Sales	1	100
Sales Growth	8	88.89
Net Income / Sales	21	88.25
Indebtedness	22	86.87


EMIS Benchmark Score contributes 50% to the Financial Score. The other 50% is represented by evolution versus previous period of Profit & Loss, Balance Sheet and Cash Flow Statement.

EMIS TREND SCORE	
Profit & Loss	C
Balance Sheet	A
Cash Flow Statement	D

EMIS Financial Score

B

B - Low Risk



Note: The Financial Score is not deteriorated by Financial Conditions (see Parameters).

Based on the average credit quote of 1,423,155 in the Computer Systems Design and Related Services industry, an EMIS Financial Score of B and an expected participation in the company's credit of 15%, the recommended credit quota is 213,473.

EMIS Credit Quota
(Score adjusted)

213,473
Thousand PLN

Key parameters affecting quota value

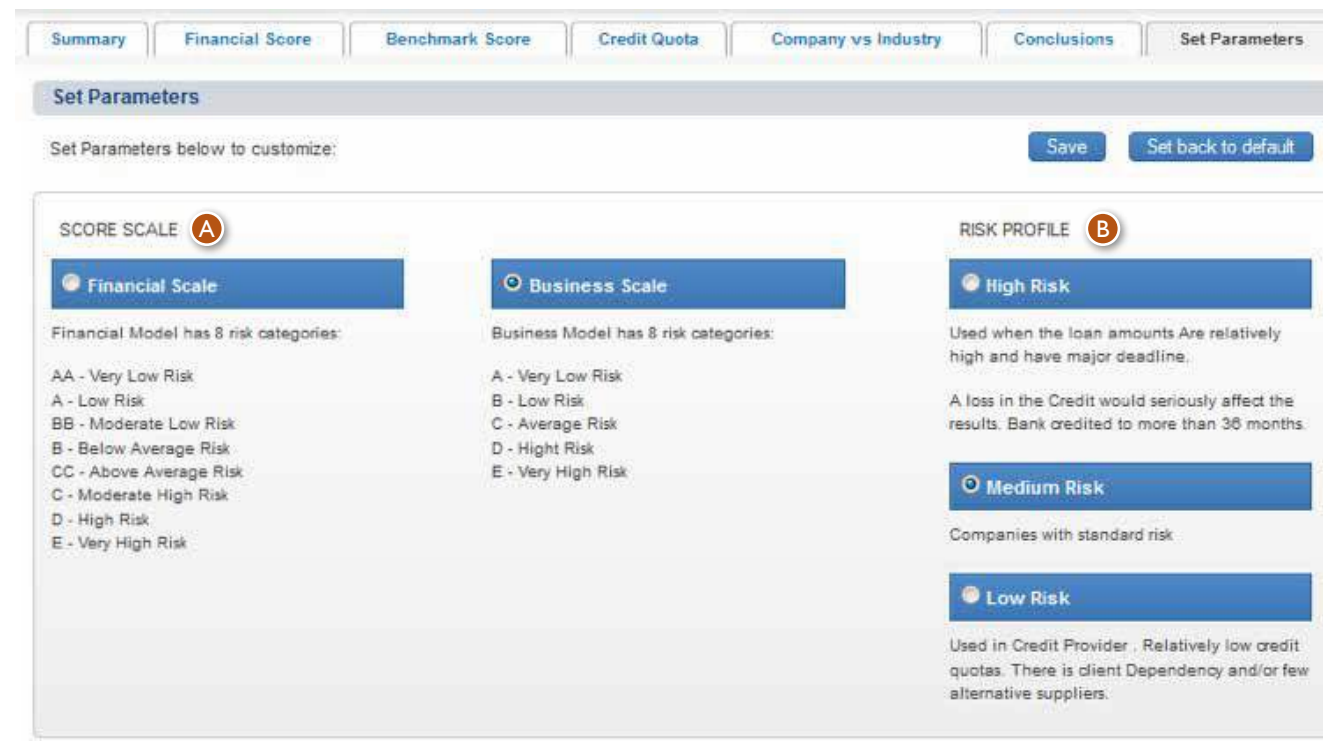
<p style="font-size: x-small;">Participation in credit</p> <p style="font-size: 18px; font-weight: bold; color: green;">15%</p>	<p style="font-size: x-small;">Financial Score</p> <p style="font-size: 18px; font-weight: bold; color: yellow;">B</p>
---	--

1.4. Set Parameters

The Set Parameters page allows users to customize some of the settings of the EMIS Financial Score, as well as Score Scales and Risk Profiles.

The page is divided into two parts:

1. Score Scales and Risk Profiles
2. EMIS Financial Score parameters



A Score Scales: users can choose between two Score Scales: Business Scale (set as default) and Financial Scale. These settings affect all pages where the letter scale is displayed.

B Risk Profiles: the user can choose between three Risk Profiles: High Risk, Medium Risk (set as default) and Low Risk. These settings affect EMIS Trend Score and EMIS Financial Score calculations (translation of the scores between different scales).

USER GUIDE - EMIS CREDIT ANALYTICS

I.4. Set Parameters

EMIS Trend Score

VERTICAL WEIGHTING	Prior Periods %	Interim Figures %
P&L		
Sales Growth	12	17
Operating Profit	12	15
Net Profit	12	14
P&L Sub total	36	46
Balance		
Days Receivables	10	14
Days Inventory	10	13
Current Ratio	8	9
Indebtness	8	9
Indebtedness/sales	8	9
Balance Sub Total	44	54
Cash Flow		
Cash from Sales	2	
Cash for Production	2	
Cash for Operations	2	
Operating Cash Generation	5	
Free Cash Flow	3	
Cash Flow After Fin Ex	2	
Cash Flow After Fin Result	2	
Reduction in Debt	2	
Cash Flow Sub Total	20	
Total Vertical Weights	100	100

EMIS Financial Score

FINANCIAL CONDITIONS	Score
<input checked="" type="checkbox"/> Negative Net Income(Loss)	B
<input checked="" type="checkbox"/> Negative Operating Profit	C
<input checked="" type="checkbox"/> Negative Net Worth	E
<input checked="" type="checkbox"/> Negative Operating Cash Generation	C
<input checked="" type="checkbox"/> Negative Cash Flow	C
<input checked="" type="checkbox"/> Negative Cash Flow after Financial Costs	C

FINAL WEIGHTING

EMIS Benchmark Score	EMIS Trend Score	
%	%	%
50	50	100

- White boxes **A** are editable fields in which the user can type their own numbers.
- Blue boxes **B** show total weight for each of the financial statement part.
- Black boxes **C** show the total 100% that other boxes need to sum up to.
- Save button **D** saves the settings for all companies in EMIS, for the particular user profile. If there is no profile and the user is a site/intranet user, the settings are remembered until the user logs out.

After saving, the parameters should be applied to all other company profiles the user vEMISs, and also remain as changed when the user logs out and then logs in for another session.

Vertical weighting – it describes how much each parameter weights when calculating EMIS Trend Score average. All vertical weights must sum up to 100%. If the user enters numbers that do not sum up, he will see a dialog box saying “Please make sure all vertical weights sum up to 100%” and relevant boxes will be highlighted.

I.4. Set Parameters

TOLERANCE MARGIN ^A

	Prior Periods	Interim Figures
	%	%
	5	5

^A Tolerance Margin – defines the maximum percentage each indicator can increase or deteriorate to have a score of 2 assigned.

FINANCIAL CONDITIONS ^B

Selection Condition	Score
<input checked="" type="checkbox"/> Negative Net Income(Loss)	C
<input checked="" type="checkbox"/> Negative Operating Profit	C
<input checked="" type="checkbox"/> Negative Net Worth	E
<input checked="" type="checkbox"/> Negative Operating Cash Generation	C
<input checked="" type="checkbox"/> Negative Cash Flow	C
<input checked="" type="checkbox"/> Negative Cash Flow after Financial Costs	C

^B Financial Conditions – there is a list of conditions that affect both EMIS Trend Score and final EMIS Financial Score. They define the maximum score that can be assigned given that the condition is met. The user can customize the maximum score, by choosing the letter from the dropdown list that is available next to each Condition. The Conditions can be deactivated by unchecking the check box on the left of each Condition.

USER GUIDE – EQUITY CHARTS

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

B 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.

C 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.

COMPANY ANALYSIS

Equity Charts

Market Indices

Top Active Volume

SECURITY	NAME	LAST TRADE	CHANGE	MARKET RANGE
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	11,888.00 - 12,361.00
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	11,888.00 - 12,361.00
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	11,888.00 - 12,361.00

TICKER	NAME	LAST TRADE	CHANGE	VOLUME
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	275,462,000
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	50,148,000
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	40,118,000
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	21,775,700
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	18,140,100
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	18,173,800
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	18,122,800
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	18,124,200
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	14,554,100
BOVCPA	Bovis Lend Lease	10/16/16	-1.12%	13,495,800

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

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

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

B 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.

C 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.

COMPANY ANALYSIS

Vale S.A. - Profile

Last Trade: 16.14 BRL
Change: -0.4380 (-2.60%)
Day's Range: 16.14 - 16.50
Volume: 5,875,100
Turnover: 95,881,632

Compare | News from publications | Topics | Line

Value | Vale S.A.

Volume | Vale S.A.

From: 28-10-2014 to: 29-10-2015 | Zoom: 10 days | 1 month | 3 months | 6 months | 1 year | 3 years | 5 years | MAX

QUOTE INDICATORS		QUOTE HISTORY						
Market	BVMF	Date	Open	High	Low	Close	Volume	Calculated turnover
1 Year Change	-37.12%	2015-10-29	16.21	16.50	16.14	16.14	5,875,100	94824114
Year to Date	%	2015-10-28	16.06	16.82	16.40	16.57	8,458,400	156742256
52 week high	27.08 (May 05, 2015)	2015-10-27	17.81	17.91	16.95	17.85	7,485,500	127183405
52 week low	15.35 (Aug 25, 2015)	2015-10-26	18.66	18.66	17.82	17.86	5,032,900	89887894
		2015-10-23	19.25	19.33	18.35	18.60	8,317,200	156071920

Market Data Provided by Exchange Data International (EDI)

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

E 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.

F 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. COMPANY PROFILE

I.1. 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.

The screenshot displays the EMIS Professional search interface. At the top, there are navigation buttons for 'MY EMIS', 'COMPANY ANALYSIS', 'INDUSTRY ANALYSIS', and 'COUNTRY ANALYSIS'. The search bar contains the text 'synthos' and a yellow 'Search' button. Below the search bar, there are tabs for 'All', 'News', 'Reports', and 'Companies'. The search results show 29 total results for 'Last 7 days' in 'Poland' with 'English' content. The first result is 'Synthos S.A. (Poland) - Company Profile', which is highlighted with a red box and labeled 'B'. Below this result, there are links for 'News', 'Financials', and 'Similar companies'. A search filter overlay is visible in the top right corner, showing 'Filter Results' for 'Asseco Poland S.A. (Poland)' and a 'View: Last 7 days' option. A red circle 'A' is placed near the search bar, and a red circle 'B' is placed near the search results. A dashed line connects the 'A' circle to the text 'Quick access menu will appear once you star typing'. Another dashed line connects the 'B' circle to the text 'Search results with shortcut links'.

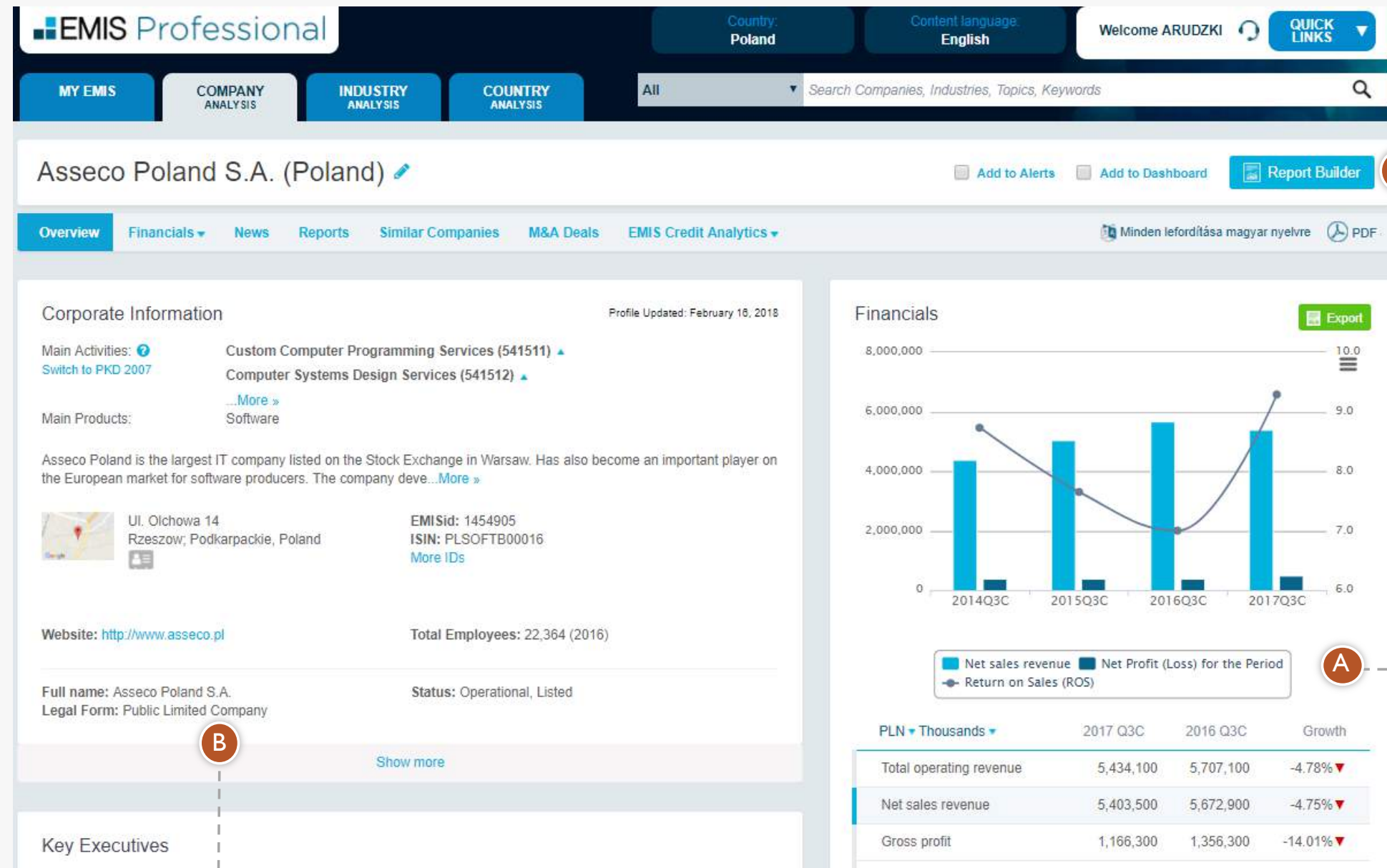
A Quick access menu will appear once you star typing

B Search results with shortcut links

I. COMPANY PROFILE

I.2. Company Overview

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



Corporate Information

Profile Updated: February 16, 2018

Main Activities: Custom Computer Programming Services (541511) ▲
Computer Systems Design Services (541512) ▲
...More »

Main Products: Software

Asseco Poland is the largest IT company listed on the Stock Exchange in Warsaw. Has also become an important player on the European market for software producers. The company deve...More »

Ul. Olchowa 14
Rzeszow, Podkarpackie, Poland

EMISid: 1454905
ISIN: PLSOFTB00016
More IDs

Website: <http://www.asseco.pl>

Total Employees: 22,364 (2016)

Full name: Asseco Poland S.A.
Legal Form: Public Limited Company

Status: Operational, Listed

[Show more](#)

Financials

Export

Net sales revenue, Net Profit (Loss) for the Period, Return on Sales (ROS)

PLN Thousands	2017 Q3C	2016 Q3C	Growth
Total operating revenue	5,434,100	5,707,100	-4.78% ▼
Net sales revenue	5,403,500	5,672,900	-4.75% ▼
Gross profit	1,166,300	1,356,300	-14.01% ▼

B Use Report Builder to create a custom report from all data available in the profile

C Download a PDF version of the page

B Click Show more under a panel to view more data

A View, export and chart key financials.
Click on the table to add data to the chart.

I. COMPANY PROFILE

I.3. Financials

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

Asseco Poland S.A. (Poland) ✎ ☐ Add to Alerts ☐ Add to Dashboard 📄 Report Builder

Overview **Financials** News Reports Similar Companies M&A Deals EMIS Credit Analytics

Financial **Financial Statements** Ratios & Multiples Financial Documents/Annual Reports

☑ Annual only ☑ Interim included Global Standard Cons. PLN Thousands Show More Options More periods Export

Statement type	Annual, Cons. 2016-12-31	Annual, Cons. 2015-12-31	Annual, Cons. 2014-12-31	Annual, Cons. 2013-12-31	Annual, Cons. 2012-12-31
Period end date	2016	2015	2014	2013	2012
- Income Statement					
- Total operating revenue	7,993,200.00 9.58% ▲	7,294,500.00 16.45% ▲	6,264,100.00 7.89% ▲	5,806,000.00 4.66% ▲	5,547,600.00
Net sales revenue	7,932,000.00	7,256,200.00	6,231,900.00	5,780,000.00	5,529,100.00
Cost of goods sold	-6,065,500.00	-5,507,100.00	-4,712,100.00	-4,353,100.00	-4,051,700.00
- Gross profit	1,866,500.00	1,749,100.00	1,519,800.00	1,426,900.00	1,477,400.00

A Use the menu to select financials, ratios or as reported documents

B Quickly switch between annual analysis and latest interim data (quarterly etc.)

C Options on the top allow you to change periods, units, currency, statement type and more

D Hover over or click table row to see growth figures. Click to select accounts for charting.

E Export the table with single click

I. COMPANY PROFILE

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.

A Adjust company list by changing industry and country/region options

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

C Export data using various options from the menu

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

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	2,066,684	1,183,155	Indiv., 2015
Stepan Polska Sp. z o.o.	608,412	N/A	5.51	33,417	242,875	126,465	Indiv., 2016
Solvay Engineering Plastics Poland Sp. z o.o.	559,975	5.20	4.86	27,138	258,477	82,654	Indiv., 2016
Eurofoam Sp. z o.o. (Zgierz)	502,022	5.99	6.72	33,482	230,827	140,872	Indiv., 2016
Lerg S.A.	443,106	N/A	4.44	19,383	279,290	130,380	Indiv., 2016
Sirmax Polska Sp. z o.o.	226,992	11.17	20.86	51,165	154,079	104,344	Indiv., 2016
Mcns Polyurethanes Europe Sp. z o.o.	224,379	13.47	8.89	19,990	77,210	45,904	Indiv., 2016

I. COMPANY PROFILE

I.4. Similar Companies – add financials

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

B Choose from selected financial statement accounts and ratios.
Click Apply to view the data

The screenshot shows the 'Add financials & ratios' dialog box for Synthos S.A. (Poland). The dialog is titled 'Add financials & ratios' and has a close button (X). Below the title, there is a 'Select Template:' section with 'Default' and 'New Template' buttons. The main content is divided into four columns: 'Income Statement', 'Balance Sheet', 'Cash Flow', and 'Ratios'. Each column contains a list of items with checkboxes. In the 'Income Statement' column, 'Total operating revenue' and 'Net Profit (Loss) for the' are checked. In the 'Balance Sheet' column, 'Total assets' and 'Total equity' are checked. In the 'Cash Flow' column, all items are unchecked. In the 'Ratios' column, 'Total Operating Revenue Trend' and 'Return on Sales (ROS)' are checked. At the bottom of the dialog, there is a 'Save' checkbox, a text input field for 'Name template for saving', and 'Clear all' and 'Apply' buttons.

D Select „Save” to remember the selected set for later use.
Your saved template will be later available on the top of the menu



Overview

The Overview tab provides a quick summary of the latest from all DealWatch sections – deals, deal news and reports, and the top financial and legal advisors.

The content displayed is based on the user's subscription and the country selected in the top right side of the page

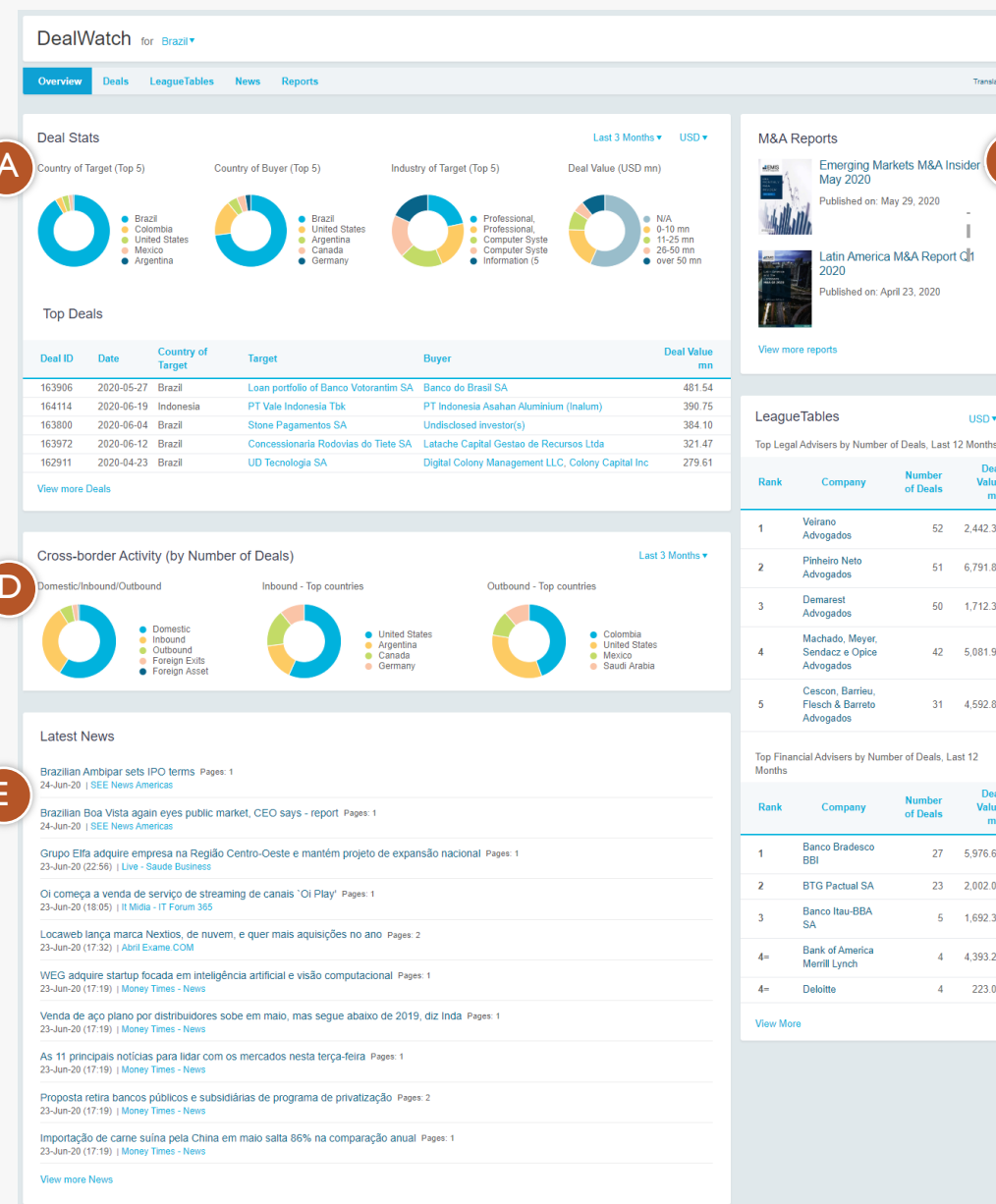
A View Deals section for a quick summary of the database and to check biggest deals that happened recently in your selected country/region

D Check statistics for cross-border activity. This panel is available when you selected one country only.

E Read latest M&A news

C Check latest M&A reports from EMIS analysts

B League Tables show the top five financial and legal advisors for the respective region.



Deal Stats (Last 3 Months, USD)

- Country of Target (Top 5): Brazil, Colombia, United States, Mexico, Argentina
- Country of Buyer (Top 5): Brazil, United States, Argentina, Canada, Germany
- Industry of Target (Top 5): Professional, Computer System, Information IS
- Deal Value (USD mn): N/A, 0-10 mn, 11-25 mn, 26-50 mn, over 50 mn

Top Deals

Deal ID	Date	Country of Target	Target	Buyer	Deal Value mn
163906	2020-05-27	Brazil	Loan portfolio of Banco Votorantim SA	Banco do Brasil SA	481.54
164114	2020-06-19	Indonesia	PT Vale Indonesia Tbk	PT Indonesia Asahan Aluminium (Inalum)	390.75
163800	2020-06-04	Brazil	Stone Pagamentos SA	Undisclosed investor(s)	384.10
163972	2020-06-12	Brazil	Concessionaria Rodovias do Tiete SA	Latache Capital Gestao de Recursos Ltda	321.47
162911	2020-04-23	Brazil	UD Tecnologia SA	Digital Colony Management LLC, Colony Capital Inc	279.61

Cross-border Activity (by Number of Deals) (Last 3 Months)

- Domestic/Inbound/Outbound: Domestic, Inbound, Outbound, Foreign Exits, Foreign Asset
- Inbound - Top countries: United States, Argentina, Canada, Germany
- Outbound - Top countries: Colombia, United States, Mexico, Saudi Arabia

Latest News

- Brazilian Ambigar sets IPO terms Pages: 1 (24-Jun-20 | SEE News Americas)
- Brazilian Boa Vista again eyes public market, CEO says - report Pages: 1 (24-Jun-20 | SEE News Americas)
- Grupo Efta adquire empresa na Região Centro-Oeste e mantém projeto de expansão nacional Pages: 1 (23-Jun-20 (22:56) | Live - Sauda Business)
- Oi começa a venda de serviço de streaming de canais 'Oi Play' Pages: 1 (23-Jun-20 (18:05) | IT Midia - IT Forum 365)
- Locaweb lança marca Nextios, de nuvem, e quer mais aquisições no ano Pages: 2 (23-Jun-20 (17:32) | Abril Exame.COM)
- WEG adquire startup focada em inteligência artificial e visão computacional Pages: 1 (23-Jun-20 (17:19) | Money Times - News)
- Venda de aço plano por distribuidores sobe em maio, mas segue abaixo de 2019, diz Inda Pages: 1 (23-Jun-20 (17:19) | Money Times - News)
- As 11 principais notícias para lidar com os mercados nesta terça-feira Pages: 1 (23-Jun-20 (17:19) | Money Times - News)
- Proposta retira bancos públicos e subsidiárias de programa de privatização Pages: 2 (23-Jun-20 (17:19) | Money Times - News)
- Importação de carne suína pela China em maio salta 86% na comparação anual Pages: 1 (23-Jun-20 (17:19) | Money Times - News)

M&A Reports

- Emerging Markets M&A Insider May 2020 (Published on: May 29, 2020)
- Latin America M&A Report Q1 2020 (Published on: April 23, 2020)

League Tables (USD)

Top Legal Advisers by Number of Deals, Last 12 Months

Rank	Company	Number of Deals	Deal Value mn
1	Veirano Advogados	52	2,442.31
2	Pirheiro Neto Advogados	51	6,791.85
3	Demarest Advogados	50	1,712.39
4	Machado, Meyer, Sendacz e Opice Advogados	42	5,081.99
5	Cescon, Barrieu, Flesch & Barreto Advogados	31	4,592.86

Top Financial Advisers by Number of Deals, Last 12 Months

Rank	Company	Number of Deals	Deal Value mn
1	Banco Bradesco BBI	27	5,976.65
2	BTG Pactual SA	23	2,002.03
3	Banco Itau-BBA SA	5	1,692.33
4=	Bank of America Merrill Lynch	4	4,393.22
4=	Deloitte	4	223.03

Deals

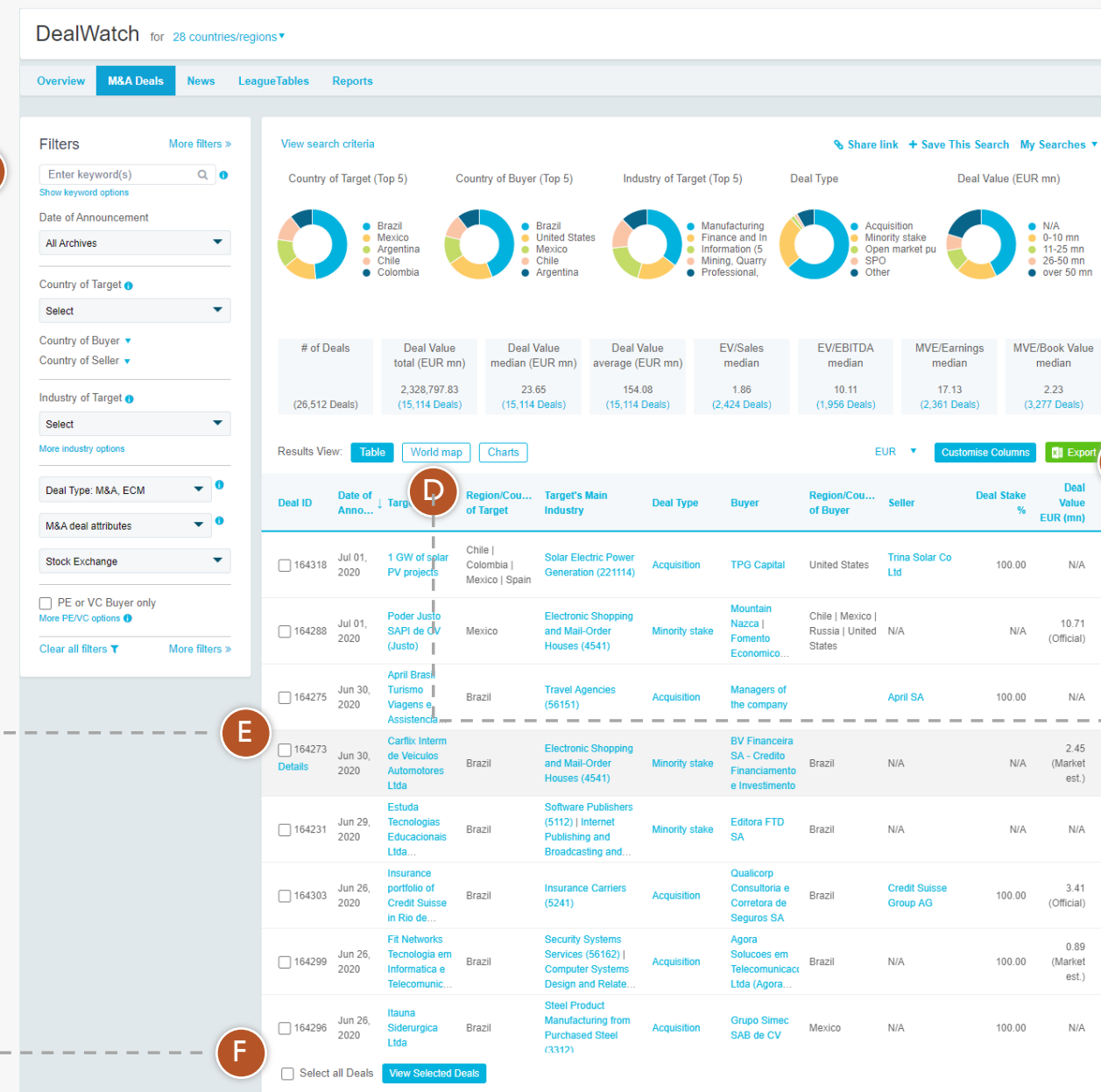
The Overview tab provides a quick summary of the latest from all DealWatch sections – deals, deal news and reports, and the top financial and legal advisors.

The content displayed is based on the user's subscription and the country selected in the top right side of the page

A Use the filters to find a specific deal or to create a list of deals needed for your research.
For advanced search open More filters

E Click on Details link under deal ID to view detailed page on the selected deal.
The link appears when hovering the mouse over deal ID

F Select individual deals to view details or export to Excel



DealWatch for 28 countries/regions

Overview **M&A Deals** News LeagueTables Reports

Filters [More filters >](#)

Enter keyword(s) [Show keyword options](#)

Date of Announcement: All Archives

Country of Target: Select

Country of Buyer: Select

Country of Seller: Select

Industry of Target: Select

Deal Type: M&A, ECM

M&A deal attributes

Stock Exchange

PE or VC Buyer only

[Clear all filters](#) [More filters >](#)

View search criteria [Share link](#) [Save This Search](#) [My Searches](#)

Country of Target (Top 5): Brazil, Mexico, Argentina, Chile, Colombia

Country of Buyer (Top 5): Brazil, United States, Mexico, Chile, Argentina

Industry of Target (Top 5): Manufacturing, Finance and In, Information (5), Mining, Quarry, Professional

Deal Type: Acquisition, Minority stake, Open market pu, SPO, Other

Deal Value (EUR mn): N/A, 0-10 mn, 11-25 mn, 26-50 mn, over 50 mn

# of Deals	Deal Value total (EUR mn)	Deal Value median (EUR mn)	Deal Value average (EUR mn)	EV/Sales median	EV/EBITDA median	MVE/Earnings median	MVE/Book Value median
(26,512 Deals)	2,328,797.83 (15,114 Deals)	23.65 (15,114 Deals)	154.08 (15,114 Deals)	1.86 (2,424 Deals)	10.11 (1,956 Deals)	17.13 (2,361 Deals)	2.23 (3,277 Deals)

Results View: **Table** World map Charts

Deal ID	Date of Ann...	Target	Region/Cou... of Target	Target's Main Industry	Deal Type	Buyer	Region/Cou... of Buyer	Seller	Deal Stake %	Deal Value EUR (mn)
<input type="checkbox"/> 164318	Jul 01, 2020	1 GW of solar PV projects	Chile Colombia Mexico Spain	Solar Electric Power Generation (221114)	Acquisition	TPG Capital	United States	Trina Solar Co Ltd	100.00	N/A
<input type="checkbox"/> 164288	Jul 01, 2020	Poder Justo SAPI de CV (Justo)	Mexico	Electronic Shopping and Mail-Order Houses (4541)	Minority stake	Mountain Nazca Fomento Economico...	Chile Mexico Russia United States	N/A	N/A	10.71 (Official)
<input type="checkbox"/> 164275	Jun 30, 2020	April Brasil Turismo e Viagens e Assistencia	Brazil	Travel Agencies (56151)	Acquisition	Managers of the company		April SA	100.00	N/A
<input type="checkbox"/> 164273	Jun 30, 2020	Carflix Interm de Veiculos Automotores Ltda	Brazil	Electronic Shopping and Mail-Order Houses (4541)	Minority stake	BV Financeira SA - Credito Financiamento e Investimento	Brazil	N/A	N/A	2.45 (Market est.)
<input type="checkbox"/> 164231	Jun 29, 2020	Estuda Tecnologias Educacionais Ltda...	Brazil	Software Publishers (5112) Internet Publishing and Broadcasting and...	Minority stake	Editora FTD SA	Brazil	N/A	N/A	N/A
<input type="checkbox"/> 164303	Jun 26, 2020	Insurance portfolio of Credit Suisse in Rio de...	Brazil	Insurance Carriers (5241)	Acquisition	Qualicorp Consultoria e Corretora de Seguros SA	Brazil	Credit Suisse Group AG	100.00	3.41 (Official)
<input type="checkbox"/> 164299	Jun 26, 2020	Fit Networks Tecnologia em Informatica e Telecommunic...	Brazil	Security Systems Services (56162) Computer Systems Design and Relate...	Acquisition	Agora Solucoes em Telecommunicac...	Brazil	N/A	100.00	0.89 (Market est.)
<input type="checkbox"/> 164296	Jun 26, 2020	Ilauna Siderurgica Ltda	Brazil	Steel Product Manufacturing from Purchased Steel (3312)	Acquisition	Grupo Simec SAB de CV	Mexico	N/A	100.00	N/A

Select all Deals [View Selected Deals](#)

C View the summary of your results

B Check individual deals matching your selected criteria and export to Excel.
Adjust the information in the table using Customise columns.

D View individual deals in the table or switch to world map view or charts view

Deals – Advanced Search

If you would like to perform a more detailed search in the Deals database you can use advanced filtering options that are available via More filters link. These include financial indicators, payment methods, deal status & more.

The screenshot shows the 'Filters' panel for 26,512 Deals. It is divided into several sections:

- Search and Basic Filters:** Includes a search bar for keywords, a dropdown for 'Date of Announcement' (set to 'All Archives'), and dropdowns for 'Country of Target', 'Country of Buyer', and 'Country of Seller'.
- Deal Value and Stake Size:** 'Deal Value' has 'min' and 'max' input fields in EUR mn. 'Stake Size' is set to 'ALL'.
- Deal Status:** Radio buttons for 'Announced', 'Completed', and 'Failed'.
- Advanced Options:** A list of checkboxes for 'Deals with Advisers only', 'Deals with Source link only', 'Deals with listed Targets only', 'Deals with listed Buyers only', 'Deals where Target has detailed company profile', and 'Deals where Target has financial documents'.
- Payment Methods:** A dropdown menu.
- Target's Valuation Multiples:** Input fields for 'EV/Sales', 'EV/EBITDA', 'MVE/Earnings', and 'MVE/Book Value', each with 'min' and 'max' values.
- Target's Valuation Figures:** Input fields for 'Enterprise Value', 'Target's Market Value of Equity', and 'Book Value of Equity', each with 'min' and 'max' values in EUR mn.

Callouts on the image:

- A:** Expanded Filters panel contains basic and advanced options
- B:** Close advanced filters to see full table of results
- C:** Target's multiples & valuation figures

League Tables

The League Tables is a searchable ranking of M&A and ECM financial and legal advisors. The ranking is based on the total deal value and the number of deals they advised.

M&A Database for 185 countries/regions

M&A Database Deal Database **League Board** News Reports

Filters

Search for Adviser

Last 12 Months

Adviser type: Financial

Deal Type: M&A, ECM

Country of Target

Country of Buyer

Country of Seller

Industry of Target

Deal Value: min - max USD mn

PE/VC Deals

League Tables: View search criteria Share link + Save This Search My Searches

Top Financial Advisers by Value of Deals

Rank	Company	Deal Value (USD mn)	Number of Deals
1	Goldman Sachs	98,265.58	15
2	Morgan Stanley & Co LLC	95,265.91	14
3	Citigroup Inc	83,507.17	42
4	Bank of America Merrill Lynch	74,797.20	18
5	JPMorgan Chase & Co	67,295.91	17
6	Barclays PLC	62,851.00	5
7	Lazard Ltd	39,407.45	10
8	HSBC Holdings PLC	38,158.22	10
9	Credit Suisse	36,087.92	10
10	Moelis & Company	31,532.77	4

Top Financial Advisers by Number of Deals USD v

Rank	Company	Deal Value (USD mn)	Number of Deals
1	Citigroup Inc	83,507.17	42
2	BTG Pactual SA	6,808.83	40
3	KPMG	6,245.22	33
4	Banco Bradesco BBI	7,452.02	32
5	Huatai United Securities Co Ltd	5,405.63	23
6=	CITIC Securities	14,222.25	20
6=	PwC	2,549.25	20
7	Bank of America Merrill Lynch	74,797.20	18
8=	JPMorgan Chase & Co	67,295.91	17
8=	Deloitte	3,172.17	17

Note: Updated Daily, Last 12 Months

A Use the filters to find a specific advisers or create tables needed for your research
Use Adviser type filter to switch between financial advisers, legal advisers or manager/brokers

B Export full tables to excel

C Submit your own deal information in email or Excel file

M&A News

On the News tab you can access latest articles published about M&A and ECM news, as curated by our editorial team.

A Browse all news or select from available categories

B Search within news and apply filters like date, language and industry

M&A Database for 185 countries/regions

M&A Database Deal Database League Board **News** Reports Translate

News Search Within Results Last 12 Months 16 languages Industries Sort By: Newest

All News ECM Deals M&A Deals Company for Sale Company looking to Buy

Results: 56502

April 30, 2020

- Business - Just Dial Board Gives Nod To Rs 220-Cr Buyback Offer** Pages: 1
New Delhi, Apr 30 (PTI) Just Dial on Thursday said its board has approved a proposal to buy back shares worth up to Rs 220 crore. In a regulatory filing, the company said the Board has cleared a proposal to buy back up to 31,42,857 equity shares at a maximum price of Rs 700 per share for an...
Date: April 30, 2020 (14:52) | Source: PTI News
- Astellas приобрела компанию Nappa** Pages: 1
Astellas приобрела биотехнологическую компанию Nappa со штаб-квартирой в Соединённом Королевстве, которая специализируется на лечении возрастных заболеваний. Об этом...
Date: April 30, 2020 (11:49) | Source: AKM News online
- "Траст" выставил на торги Выборгский завод холодильной техники** Pages: 1
Банк непрофильных активов "Траст" выставил на продажу Выборгский завод холодильной техники (производственный комплекс и торговый дом "Линнафрост") в Ленинградской...
Date: April 30, 2020 (11:31) | Source: AKM News online
- Kool2Play chce zadebiutować na NewConnect w III kw. 2020 r.** Pages: 1
Warszawa, 30.04.2020 (ISBNews) - Kool2Play złożył dokument informacyjny do Giełdy Papierów Wartościowych w Warszawie (GPW), nadała spółka Kool2Play chce zadebiutować na NewConnect w III kwartale 2020 roku. Debiut poprzedzi premiera na

Select All View Selected Articles

1 2 3 4 >

M&A Reports

The Reports tab contains proprietary DealWatch content – monthly M&A newsletters on global M&A developments, quarterly and annual M&A reports on Emerging Europe, Latin America, Emerging Asia, Africa & Middle East

A
Check latest reports from EMIS proprietary sources


B Search within news and apply filters like date, language and industry

M&A Database for 185 countries/regions ▼


M&A Database Deal Database League Board News **Reports** Translate

Reports Last 12 Months ▼ 16 languages ▼ Industries ▼ Sort By: Newest ▼

A



Emerging Markets M&A Insider - April 2020
Published on: April 29, 2020



Africa and the Middle East M&A Report Q1 2020
Published on: April 29, 2020

Results: 28

- Africa and the Middle East M&A Report Q1 2020** Pages: 24
 Date: April 29, 2020 (16:13) | Source: [EMIS - M&A Reports](#) [View as HTML](#)
- Emerging Markets M&A Insider - April 2020** Pages: 3
 Date: April 29, 2020 (15:09) | Source: [M&A Newsletter](#) [View as HTML](#)
- Latin America M&A Report Q1 2020** Pages: 26
 Date: April 23, 2020 (14:34) | Source: [EMIS - M&A Reports](#) [View as HTML](#)



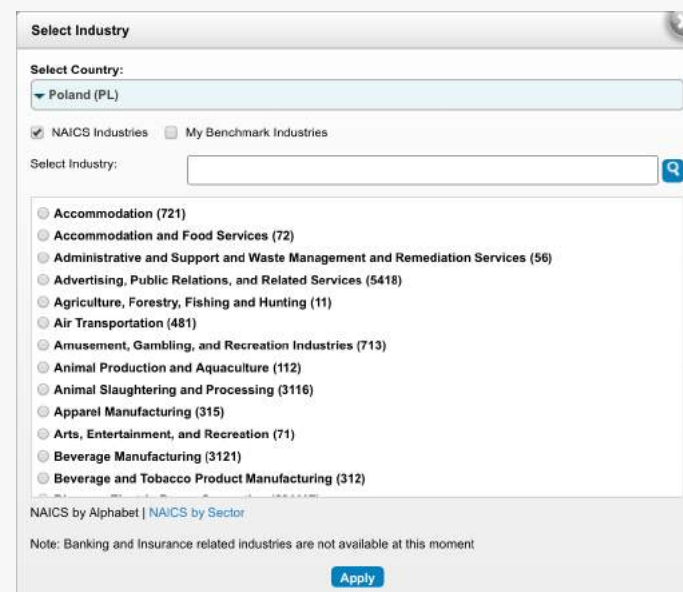
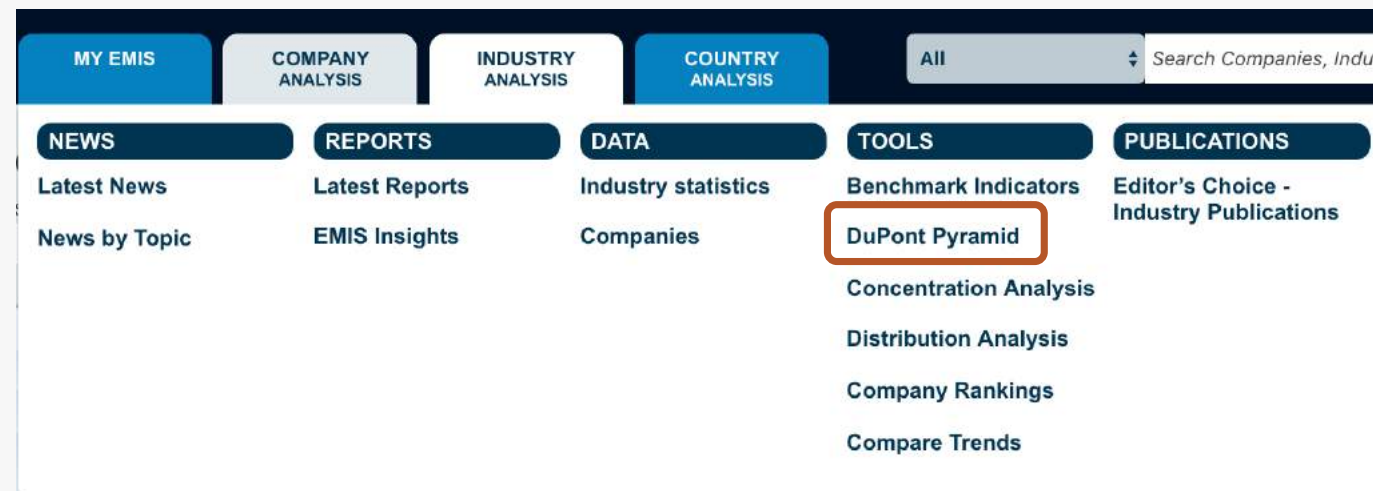
User Guide on Industry Tools

- DuPont Pyramid,
- Concentration Analysis,
- Distribution Analysis.

I. INDUSTRY TOOLS

I.I. DuPont Pyramid

The tool is available under Industries Analysis tab in the Tools section.



The analysis is done per given industry in a given country hence, user must select **country** and **industry** before checking the results however, the selection can be changed at any time on the result page.

I. INDUSTRY TOOLS

I.2. Concentration Analysis

The tool is available under Industries Analysis tab in the Tools section.

Table Concentration Analysis - Table View

Concentration Analysis Support Add to Dashboard

Table Lorenz Curve Chart

Figures are in: Thousands | PLN | 2014 | [edit indicators](#) | [Download to](#)

NO.	COMPANIES/YEAR	CUMULATIVE SHARE OF COMPANIES	SALES 2014	MARKET SHARE	CUMULATED SALES	CUMULATED SALES %	XK - XK-1	YK + YK-1
1	Przedsiębiorstwo Usług Komunalnych Produkcyjnych I Handlu Sp. z o.o.	A	3,056,892	5.41 %	B	100.00 %	C	D
2	Impel S.A.	99.97 %	1,720,115	3.04 %	53,477,694	94.59 %	0.03 %	186.14 %
3	Nowa Itaka Sp. z o.o.	99.94 %	1,640,398	2.90 %	51,757,579	91.55 %	0.03 %	180.20 %
4	Exbud Trade Sp. z o.o.	99.92 %	1,249,337	2.21 %	50,117,181	88.65 %	0.03 %	175.09 %
5	Rainbow Tours S.A.	99.89 %	956,464	1.69 %	48,867,845	86.44 %	0.03 %	171.19 %
6	Gsk Services Sp. z o.o.	99.86 %	927,081	1.64 %	47,911,381	84.75 %	0.03 %	167.85 %
7	Sonoco Poland Packaging Services Sp. z o.o.	99.83 %	841,227	1.49 %	46,984,300	83.11 %	0.03 %	164.73 %
8	Randstad Polska Sp. z o.o.	99.81 %	808,896	1.43 %	46,143,073	81.62 %	0.03 %	161.81 %
9	Elemental Holding S.A.	99.78 %	772,325	1.37 %	45,334,177	80.19 %	0.03 %	159.01 %
10	Zlomhut Sp. z o.o.	99.75 %	759,115	1.34 %	44,561,852	78.82 %	0.03 %	156.30 %
11	Orbis S.A.	99.72 %	707,785	1.25 %	43,802,737	77.48 %	0.03 %	153.71 %
12	TUI Poland Sp. z o.o.	99.69 %	651,497	1.15 %	43,094,952	76.23 %	0.03 %	151.30 %
13	Tauron Obsluga Klienta Sp. z o.o.	99.67 %	610,022	1.08 %	42,443,455	75.08 %	0.03 %	149.07 %

A and **B** - The cumulative figures are obtained by summing up the market share figures and sales figures of the companies in company selected set.

NOTE: Companies have to be ordered Ascending by sales, and then the sum up of sales the figures and market shares can be done.

C "Xk - Xk-1" - the column shows the difference between Cumulative Market Share for the company minus the same figure for the previous company. Basically, it represents the single "step" of X axis in Lorenz Curve chart.

D "Yk + Yk-1" - the column shows the total of Cumulated Sales % of a company plus the same figure for the company below.

[edit indicators](#)

Concentration Analysis - Editing the Indicators

I. INDUSTRY TOOLS

DuPont Analysis Page

A Normal DuPont Analysis

$$ROE = \text{Net Profit Margin} * \text{Total Assets Turnover} * \text{Financial Leverage}$$

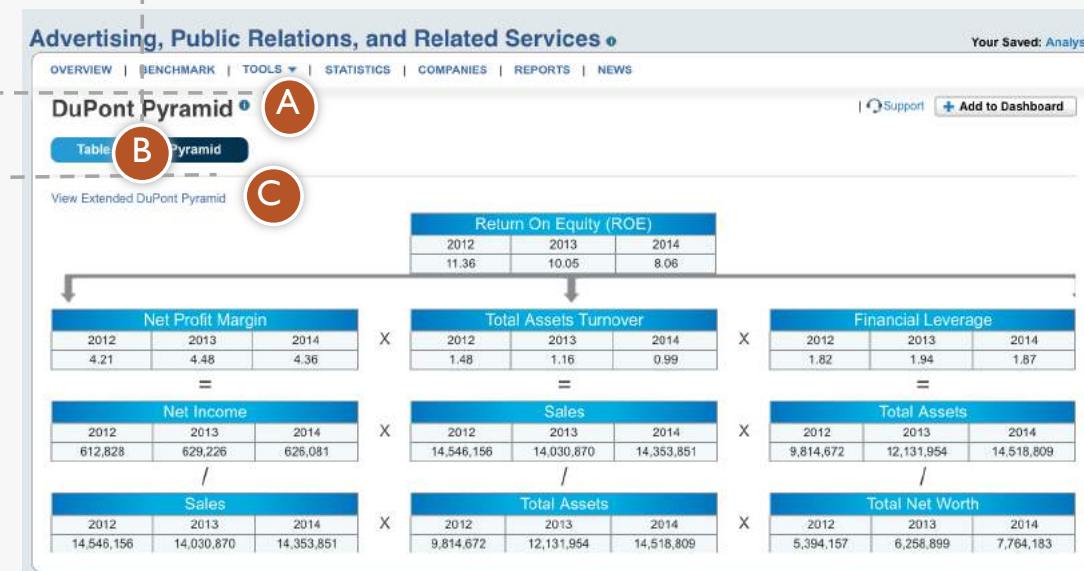
Where,

$$\text{Net Profit Margin} = \text{Net Income} / \text{Revenues}$$

$$\text{Total Assets Turnover} = \text{Revenues} / \text{Total Assets}$$

$$\text{Financial Leverage} = \text{Total Assets} / \text{Total Equity}$$

B Possibility to see the results in a Table format



C Switch to Extended DuPont analysis

Extended DuPont

$$ROE = \text{Tax Burden} * \text{Interest Burden} * \text{EBIT Margin} * \text{Asset Turnover} * \text{Financial Leverage}$$

Where,

$$\text{Tax Burden} = \text{Net Income} / \text{EBIT}$$

$$\text{Interest Burden} = \text{EBT} / \text{EBIT}$$

$$\text{EBIT Margin} = \text{EBIT} / \text{Revenues}$$

$$\text{Total Asset Turnover} = \text{Revenues} / \text{Total Assets}$$

$$\text{Financial Leverage} = \text{Total Assets} / \text{Total Equity}$$

I. INDUSTRY TOOLS

I.2. Concentration Analysis

Concentration Analysis - Parameters Support

Select Indicators

Options

- Financials
 - Balance Sheet
 - Income Statement
 - Sales
 - Cost of Goods Sold
 - Gross Profit
 - Selling Expenses
 - Administrative and General Expenses
 - Other Operating Results
 - Operational Profit
 - Total non-operating revenue
 - Financial Revenue
 - Other Non Operating Revenue
 - Total non-operating expenses
 - Financial Expenses
 - Other non operating expenses
 - Deferred Charoes

Selection(S)

Select Year: 2015

Select Currency: PLN

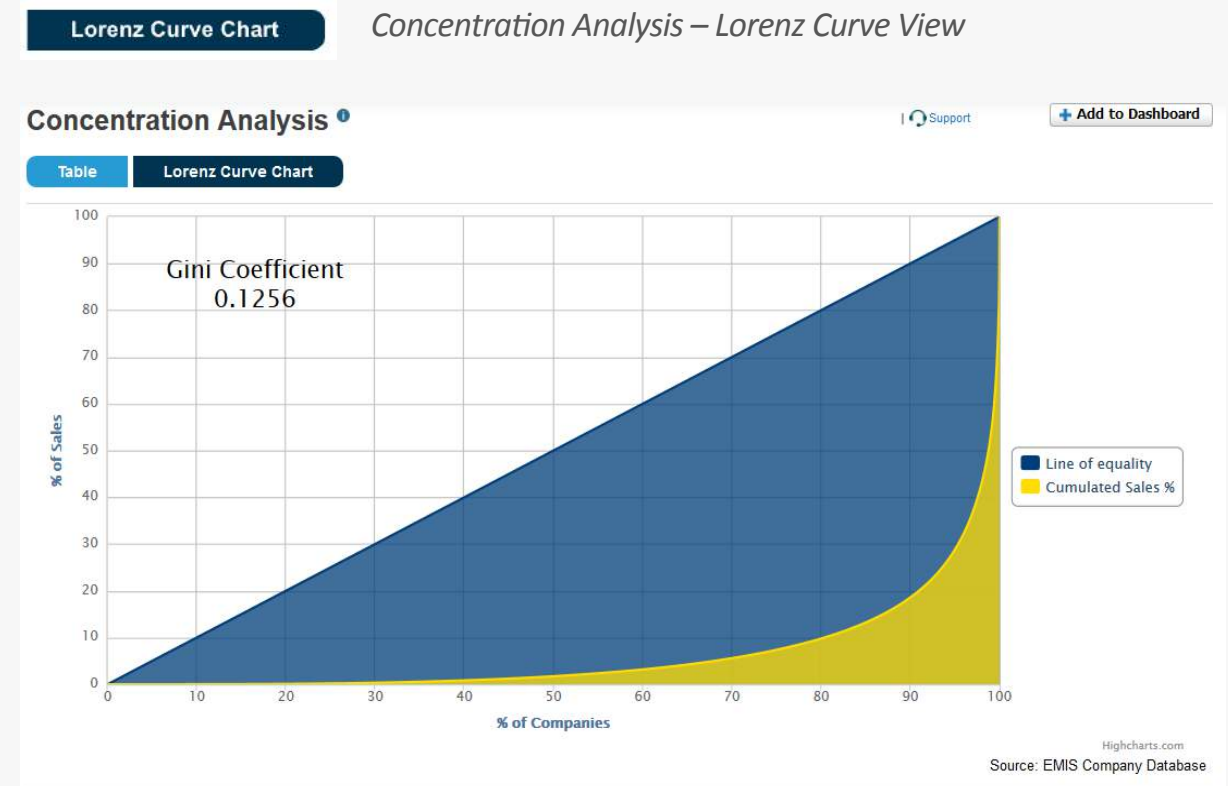
Select Unit: Thousands

Default Display: Table

Get Results

Only one financial indicator can be selected in order to perform the selected type of analysis.

Only one year can be selected for the analysis.



Lorenz Curve shows the proportion of distribution assumed by the bottom % market shares, where it shows what y% of the market share for the bottom x% of companies in the sector have.

Equality Line represents a state where the market revenues are equally shared amongst all the companies in the sample

I. INDUSTRY TOOLS

I.3. Distribution Analysis

The screenshot shows the EMIS website navigation menu. At the top, there are four main categories: MY EMIS, COMPANY ANALYSIS, INDUSTRY ANALYSIS, and COUNTRY ANALYSIS. Below these is a search bar with the text "All" and "Search Companies, Indust". The main menu is organized into five columns: NEWS, REPORTS, DATA, TOOLS, and PUBLICATIONS. The TOOLS column contains several items, with "Distribution Analysis" highlighted by a red border. Other items in the TOOLS column include Benchmark Indicators, DuPont Pyramid, Concentration Analysis, Company Rankings, and Compare Trends.

MY EMIS	COMPANY ANALYSIS	INDUSTRY ANALYSIS	COUNTRY ANALYSIS	All	Search Companies, Indust
NEWS	REPORTS	DATA	TOOLS	PUBLICATIONS	
Latest News	Latest Reports	Industry statistics	Benchmark Indicators	Editor's Choice - Industry Publications	
News by Topic	EMIS Insights	Companies	DuPont Pyramid		
			Concentration Analysis		
			Distribution Analysis		
			Company Rankings		
			Compare Trends		

I. INDUSTRY TOOLS

I.3. Distribution Analysis

Table Distribution Analysis - Table View

A Sample Central Tendency gives the mean, median, high, low, number of companies' standard deviation for the sample selected by the user

B Interquartile - helps the user to understand how the company is placed within a particular quartile. It may be the case that a company's rank to be high, but its interquartile position may be tending on a lower side, thus helping the user to find out actual position of a company with respect to its competition.

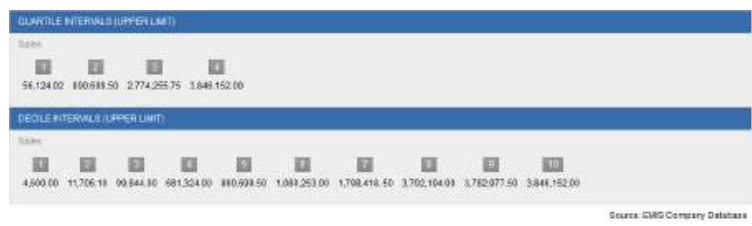
C "Search for a company" functionality allows the user to search for a company within the table, the table will focus on that particular company only.

D The user can toggle between table and chart

Mean	Median	Standard Deviation	High	Low	# Of Companies	Selected Year
14,154.88	1,468.31	82,131.32	3,056,891.52	-1.03	3994	2014

RANK	COMPANY	QUARTILE	DECILE	QUARTILE INTERVALS	DE INTER	INTERQUARTILE POSITIONS	INTERDECILE POSITIONS	SALES
1	Przedsiębiorstwo Usług Komunalnych Produkcyjnych I Handlu Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	4.00	10.00	3,056,892
2	Impel S.A.	4	10	3,056,891.52	3,056,891.52	3.56	9.56	1,720,115
3	Nowa Itaka Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.54	9.53	1,640,398
4	Exbud Trade Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.41	9.40	1,249,337
5	Rainbow Tours S.A.	4	10	3,056,891.52	3,056,891.52	3.31	9.31	956,464
6	Gsk Services Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.30	9.30	927,081
7	Sonoco Poland Packaging Services Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.27	9.27	841,227
8	Randstad Polska Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.26	9.26	808,896
9	Elemental Holding S.A.	4	10	3,056,891.52	3,056,891.52	3.25	9.25	772,325
10	Ziomhut Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.25	9.24	759,115
11	Orbis S.A.	4	10	3,056,891.52	3,056,891.52	3.23	9.23	707,785
12	TUI Poland Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.21	9.21	651,497
13	Tauron Obsługa Klienta Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.20	9.19	610,022
14	Blue Media S.A.	4	10	3,056,891.52	3,056,891.52	3.19	9.19	592,835
15	Solid Security Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.18	9.18	564,658
16	Kruk S.A.	4	10	3,056,891.52	3,056,891.52	3.16	9.15	487,920
17	Adecco Poland Sp. z o.o.	4	10	3,056,891.52	3,056,891.52	3.15	9.14	461,760
18	Benefit Systems S.A.	4	10	3,056,891.52	3,056,891.52	3.15	9.14	452,340

Upper limits for Quartiles and Deciles



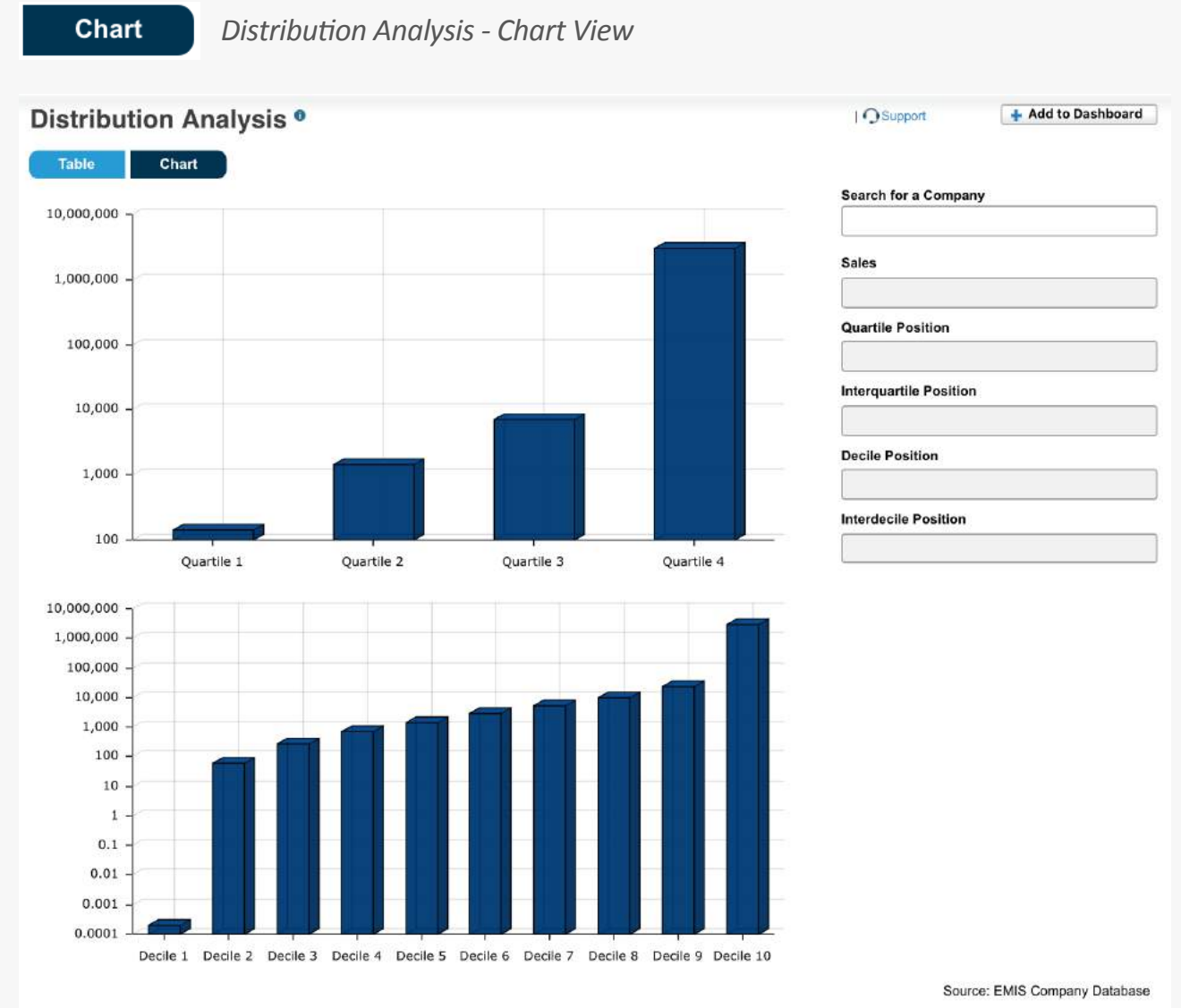
Distribution Analysis - Editing the Indicators

I. INDUSTRY TOOLS

I.3. Distribution Analysis - Parameters

Only one financial indicator can be selected in order to perform the selected type of analysis.

Only one year can be selected for the analysis.



User will be able to see both charts on the same page. Also, if user searches for a company, chart will automatically show relevant quartile/decile.

Note: Chart is constructed using a logarithmic Y axis.



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