

ExMetrix in industry

Forecast and analyse prices of raw materials & commodities, currencies, and internal company data

The screenshot displays the ExMetrix web application interface. On the left, a table lists various data series with their corresponding values. A magnifying glass highlights a specific row. On the right, a line chart shows the historical and forecasted values for a selected series. Below the chart, there are several navigation buttons and sections:

...ment	1.5635481730407004
...ly nor	
...dex, 2015=100,	0.470312935420559
...market - monthly data,	
...onal currency, Manufacture	0.2614242163387295
...dex, 2010=100, Poland	
... (Index), Index, 1996=100,	0.009325039244080355
...n przemysłu ogółem [ceny stałe],	0
...n domestic market - monthly	
...se index - in national currency,	-0.0625792703743913
...orded media, s_adj NSA, Index,	
Search poleczone : Przeciętna	
...ta brutto z pozarolniczego	-0.3127924524403087
... przeciętna miesięczna	
...me / Data (Index), Index, 2015=100,	-0.35852865161583797
...monthly data, Index	
...age of textiles,	-0.6944578735946809
...k through databases	

Explore databases. Find quickly a variable that you are interested in. Create your own data groups for analysis. You can sort, group and view databases according to personal preferences. Add own data and integrate it with economic and market data coming from all over the world.

[Go to databases](#)

Discover relations among data. Explore whether values you are interested in are connected with other values; determine their strength and a character of these connections. Create databases related to each other.

[Go to analysis interdependencies](#)

ExMetrix forecasts

See forecasts that refer to key and often analysed market and economic processes. Examine projected scenarios of a given situation. Perform what-if analysis.

[Go to our forecasts](#)

Create forecasts of economic, market, demographic phenomena and processes you are interested in. Forecast parameters of your business - the demand and supply.

[Make forecasts](#)

BIG DATA, DATA MINING AND MACHINE LEARNING TECHNOLOGIES

Forecasts of raw materials

The medium-term forecast of aluminium prices

- the time horizon is 6 months



The key parameter:

- average forecast error: 3.2%*

The example of forecast:

The forecast was 2237USD/t at the end of April 2018. We did forecast the price at 2119USD/t what we published in the weekly bulletin in October 2017. The forecast error was 0.58% in April. The average forecast error was 3.18% for last year.

Forecasts of semi-finished products

Hot-rolled sheet prices forecast



The key parameter:

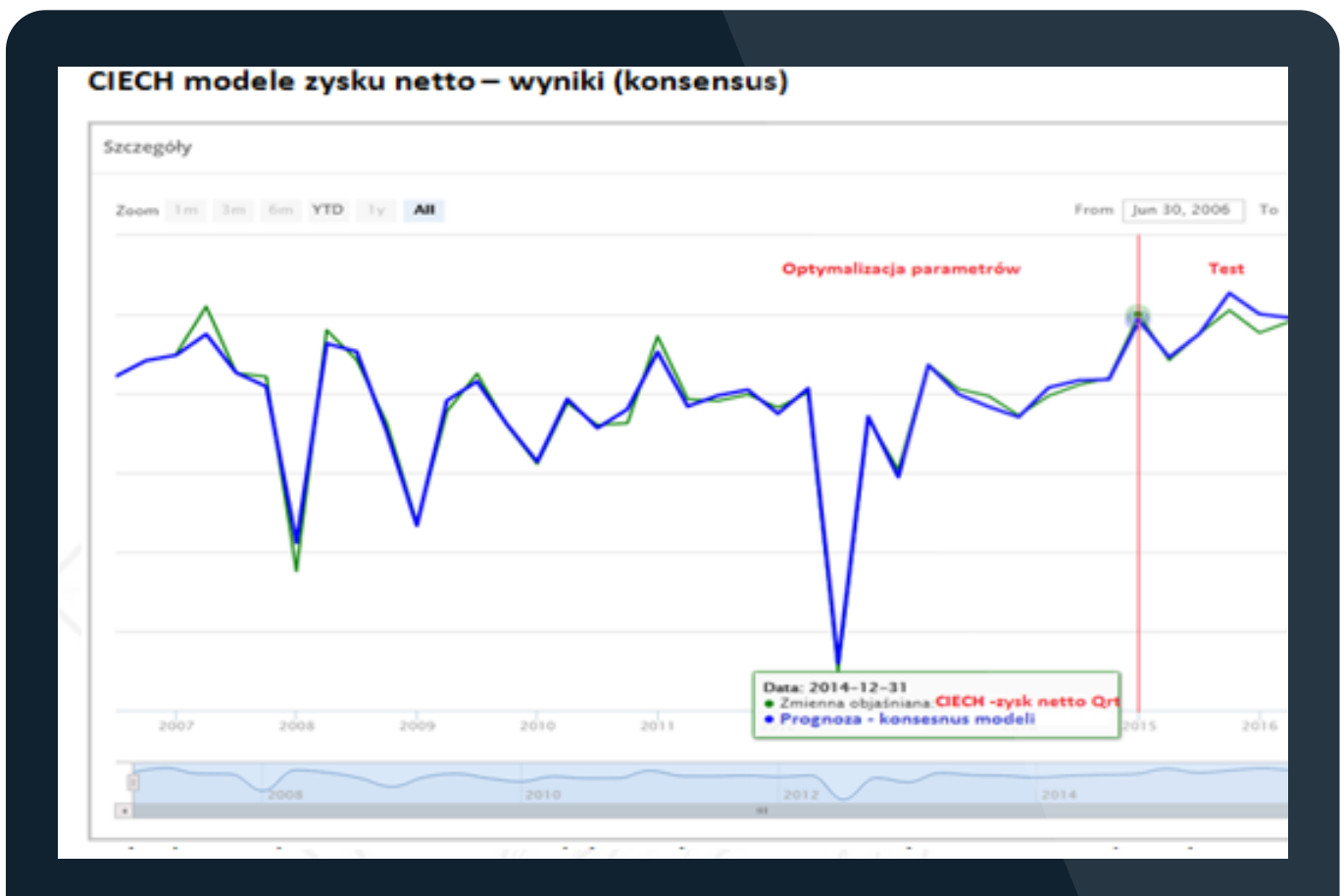
- average forecast error: 2.2% throughout the operating period
- the accuracy of real and forecasted direction was 71%

The example of forecast:

The forecast for April 2018 was built at the exchange rate of 2485 PLN/t in October 2017, and we estimated an increase to the level of 2503 PLN/t within the next 6 months what means until the end of April 2018. The real rate was 2603 PLN/t at the end of April 2018.

Forecast internal company data

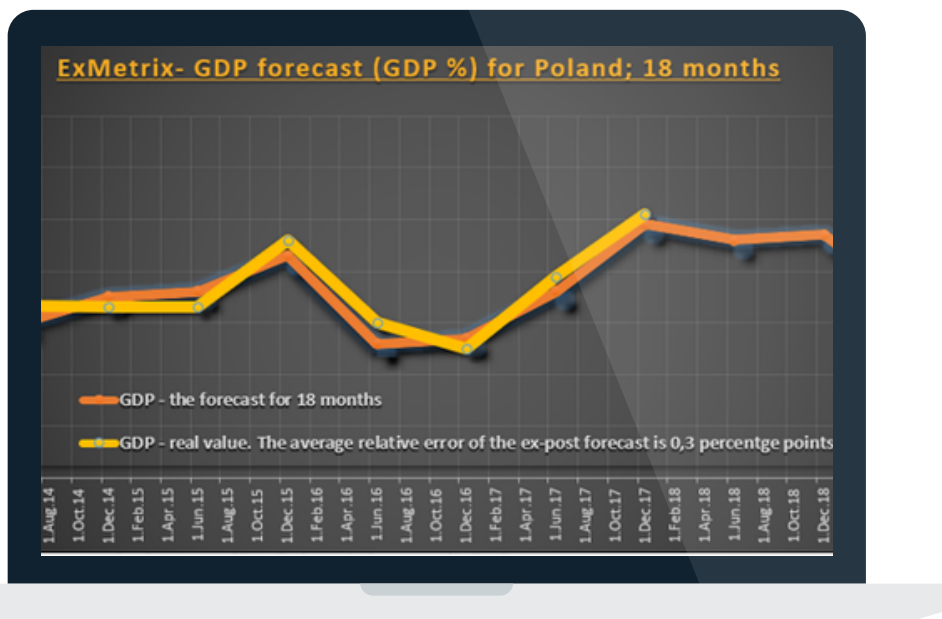
The practical use of the ExMetrix platform in forecasting elements of company financial statements – Net profit of the Ciech company (the leader on the Polish chemical market)



Forecast key economic indicators

The practical use of the ExMetric platform in long-term economic analyses

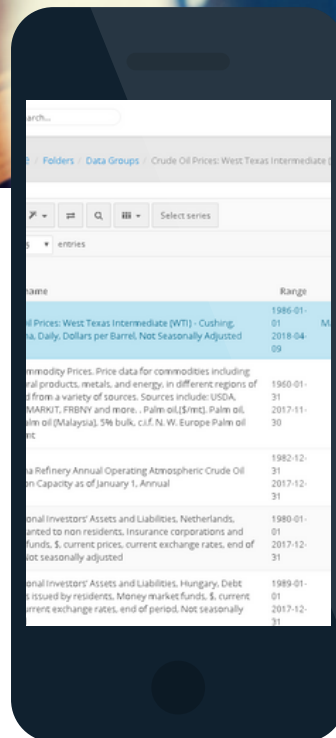
Polish GDP forecast: 18-month time horizon – the model was published on Investing.com



The quality of forecast



Polish GDP forecast performed by ExMetric using Data Mining in comparison to agencies and banks publishing GDP.



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