



CIVIL ENGINEERING CONSTRUCTION IN POLAND 2024

MARKET ANALYSIS AND DEVELOPMENT
FORECASTS FOR 2024-2029



The civil engineering construction sector is marked with a natural stability and is less susceptible to the turbulence and rapid changes that take place in the building segment of the construction industry. **The year 2023, due to the closing of infrastructure contracts financed from the concluded EU perspective, was another very strong period for the Polish civil engineering industry.** On the contrary, the current year constitutes a transition period between EU financial perspectives – the previous one has ended and the majority of new investments have not yet entered the decisive implementation phase. Projects under the National Reconstruction Plan are also delayed. However, given the need to catch up with the KPO and the accelerating implementation of transport infrastructure programmes included in the new EU budget, the outlook for civil engineering is very optimistic. The market is about to face numerous challenges in terms of major investments, the execution of which will have a key impact on the outlook for the infrastructure segment in the coming years. **Nuclear power plants, CPK, the dynamic development of RES farms, or, ultimately, the announced defence investments on the eastern border are all arguments supporting the thesis that the civil engineering sector will have a decisive impact on the Polish construction industry over the next few years.**

Being aware of how important and dynamic the civil engineering sector in Poland is going to be in the coming years, at a time of accumulating EU funds (both budgetary and under the KPO), PMR analysts have prepared a dedicated report for this segment of the construction market.





Main objective

Providing a comprehensive analysis of the civil engineering construction market in Poland, presentation of the current situation and development prospects not only for the entire market, but also for its individual segments:

- water and sewage construction
- road construction
- railway and tramway construction
- industrial and power construction.

TIME SPAN: 2019-2023

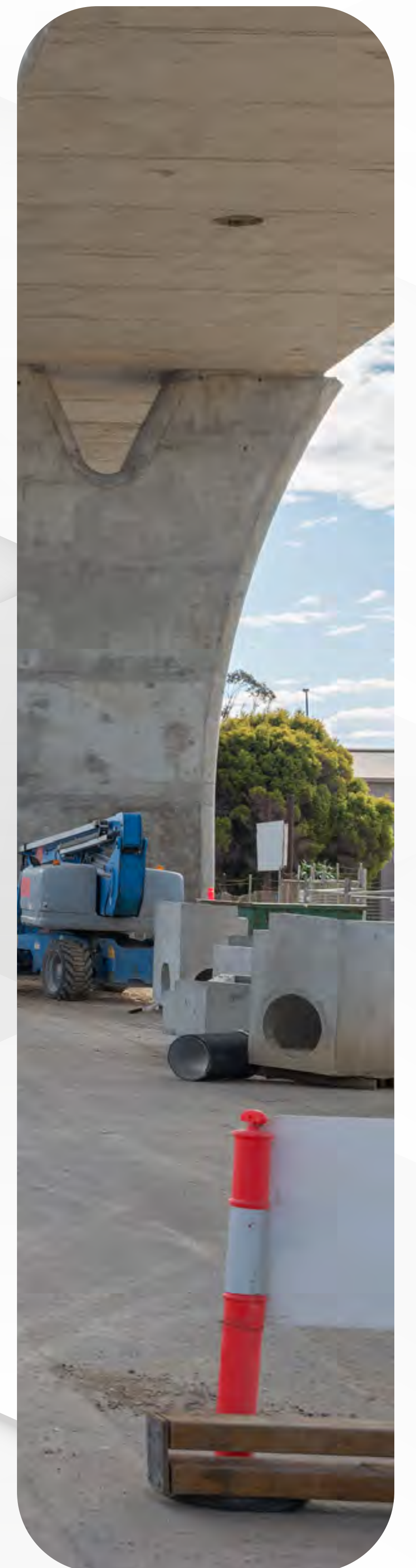
FORECAST HORIZON: 2024-2029

GEOGRAPHIC COVERAGE: Poland



CONTENTS OF THE REPORTS

- **detailed analysis of the civil engineering construction market segments in general as well as in regional (voivodship) terms** – the report constitutes a compilation of data included in both the "Construction sector in Poland 2024" and the "Construction sector in Poland 2024 – Regional analysis" reports
- **listing of ongoing and planned investments** in each segment of the civil engineering construction market (wide range information)
- **volume and structure of the** civil engineering market
- **the most important trends** and key factors determining the situation and **development prospects** of each of the civil engineering construction **market segments**
- **latest forecasts prepared in June 2024** according to the PMR methodology used for forecasting the construction market (econometric modelling, time series analysis, investment analysis, expert knowledge of the team of analysts)
- **macroeconomic forecasts for the civil engineering industry environment** (growth rate for GDP and its components, unemployment rate, interest rates, wages, demographics)
- **database of approx. 1,000 largest engineering investments carried out in Poland** – xls file format
- detailed **analysis of the structure of finances under the KPO measures**, including an assessment of the scale of financing for construction investments
- **information on the largest construction companies in Poland** implementing civil engineering projects



FORECASTS

Market development forecasts prepared for 2024-2029 in three scenarios:

- **baseline** – corresponding, in the opinion of the authors of the report, to the most likely situation in the industry and the market
- **pessimistic** – assuming a slower rate of economic development, stronger inflation and a greater delay in the release of the EU funds under the KPO
- **optimistic** – assuming a more favourable macroeconomic and market situation than in the baseline variant.

The report features detailed information regarding **key factors behind each of the market development scenarios, including:**

- real GDP growth rate in Poland,
- rate of inflow of the EU funds to Poland,
- war in Ukraine and its further course,
- inflation rate in Poland,
- interest rates in Poland and impact of government programmes on the credit market,
- geopolitical situation,
- labour market situation in Poland,
- Poles' purchasing power,
- activity in the building construction and civil engineering construction.

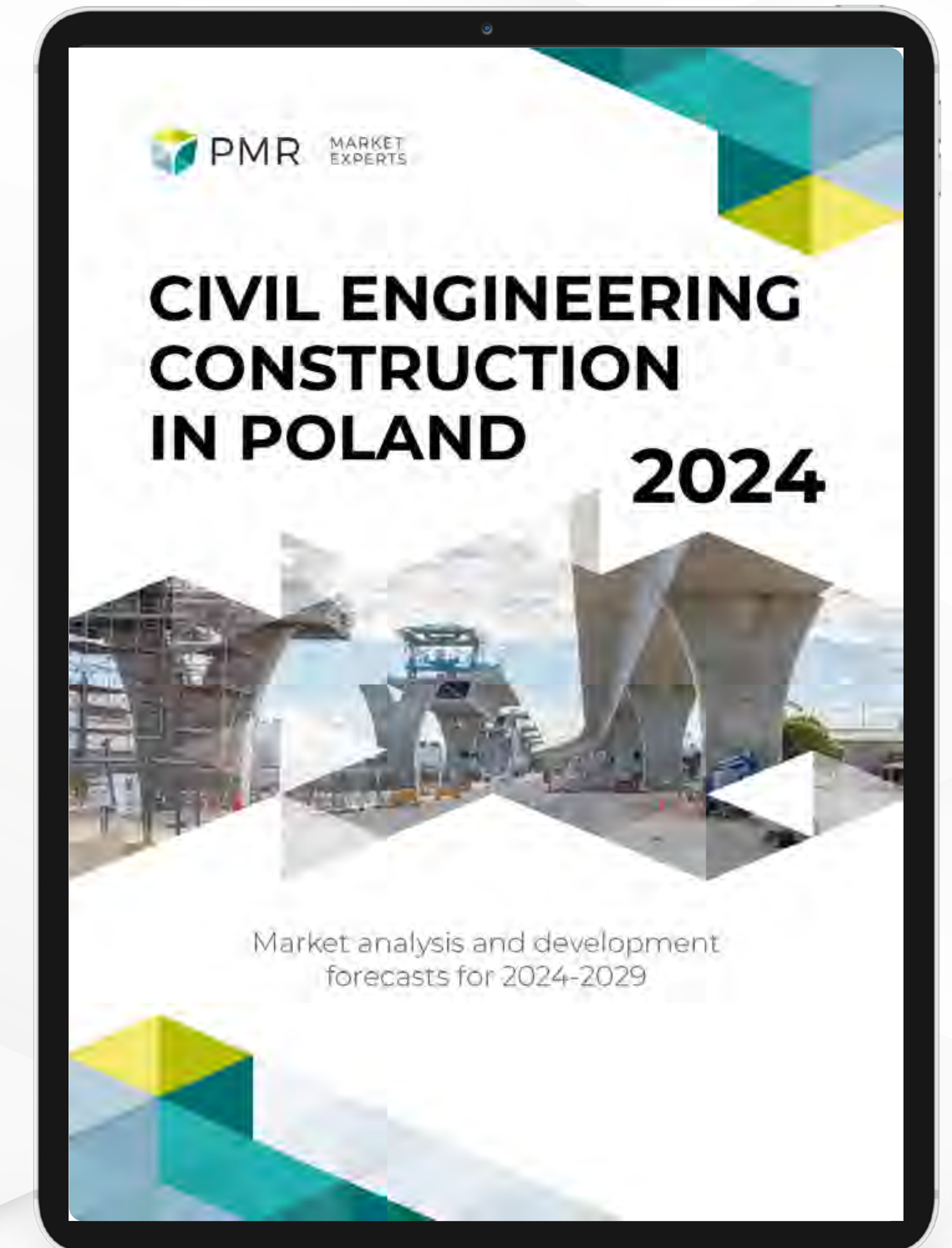
FORECASTING METHODOLOGY



Why to buy the report?

- the user-friendly and attractive form of data presentation makes the product easy to use (online access, report in the PDF format + PowerPoint presentation + Excel dataset)
- the materials allow for own data analysis and aggregation, facilitating the preparation of presentations, summaries and calculations
- support from the authors of the report is provided (possibility of telephone consultations and explanation of the presented data)
- the most important information determining the prospects of the civil engineering construction market is presented in a uniform way
- it provides access to all the most important and up-to-date statistics
- it makes it easier to follow the most relevant trends
- it helps devise a business development strategy for the company
- it indicates the assumed risk levels in the market downturn scenario
- it makes data in business plans and budgets more realistic
- it helps to monitor the market and its growth potential
- it improves the analysis of the competitive environment in Poland
- it reduces investment risk, e.g. when entering a new market or during a merger or acquisition

Together with the report, we provide the **most important data in the Excel spreadsheet for individual aggregation.**



We are one of the leading analytics companies in Poland!

PMR offers **industry reports** and **market research and forecasting services** in Poland and worldwide. **For nearly 30 years, PMR's analyses and research have helped companies to achieve their strategic and operational goals.** We provide our customers with a variety of studies describing different market sectors. In particular, we specialise in the markets for:

- retail
- construction
- pharmaceuticals and healthcare
- ICT.

When preparing reports, our focus is on gathering and appropriately processing information crucial to management processes, i.e. the size and structure of markets, long-term market trends, competitors, suppliers and customers.

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The quality of our services and products is overseen by a team of almost 100 people, including: market analysts, specialists in macroeconomics, forecasting and econometrics, quantitative and qualitative researchers, specialists in data analysis and visualisation, specialists in quantitative and qualitative fieldwork.



Forecasting methodology

The class and type of the developed **econometric models** are selected according to the **characteristics of the data analysed**. In practice, models using **multiple regression** (the least squares method) and **autoregression** (ARIMA, VAR) are the most common. We use both **primary variables** and their **transformations** (e.g. logarithms) to capture the relevant relationships.

The **final market value forecasts** are not just based on a single best model but are a **weighted average of forecasts** from a selected set of best models. The weights are selected based on model fit indices. This procedure makes it possible to consider **more factors** influencing market development, hence **improving the forecast precision**.

When developing the **final forecasts**, we take into account not only the **statistical quality of the models** (model adjustment to empirical data, normality and homoscedasticity of residuals, statistical significance of structural parameters) but also their **consistency** with market knowledge and **qualitative information** gathered by PMR's analytical team.

The models use data on industry sectors, macroeconomic indicators and demographics, as well as the results of our analyses. Most often, there are **60-80 types of indicators** considered.



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