

Europe Precast Concrete Market Size and Forecasts (2020 - 2030), Regional Share, Trends, and Growth Opportunity Analysis Report Coverage: By Structure System (Beam and Column System, Floor and Roof System, Bearing Wall System, Façade System, and Others), End Use (Residential, Commercial, and Others), and Country

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Abstracts

The Europe precast concrete market size was valued at US\$ 29.35 billion in 2022 and is projected to reach US\$ 46.42 billion by 2030; it is expected to grow at a CAGR of 5.9% from 2022 to 2030.

Precast concrete is widely used in housing, factory, and national laboratory construction projects. Construction activities planned to use precast are cost-effective, fast, and environmentally friendly, and they help ensure optimum quality. The “Concrete Initiative” project aims to increase awareness about sustainable construction in Europe. This project is led by the European Cement Association (CEMBUREAU), the European Federation of Precast Concrete (BIBM) and the European Ready-Mixed Concrete Organisation (ERMCO). Owing to this, the governments of various economies in Europe have taken certain initiatives by investing in infrastructure projects. According to data published by European Commission in June 2023, European Union plans to invest US\$ 6.53 billion in sustainable, safe, and efficient transport infrastructure. Such large-scale projects aim to generate new job opportunities and diversify the economy. Thus, supporting government initiatives provide many opportunities for players operating in the Europe precast concrete market.

The Europe precast concrete market has been segmented based on structure system

into beam and column system, floor and roof system, bearing wall system, facade system, and others. The beam and column system held the largest share in the Europe precast concrete market in 2022. Columns consist of multilevel components that support beams and spandrels in applications such as parking structures and precast concrete structure systems of all types. The main advantages of precast concrete structures such as beams and columns are increased construction speed and improved productivity, quality control, and cost-efficiency. The precast beams and columns offer other advantages, including design flexibility, faster installation structures, sustainable construction, durability, long life, low maintenance, and moisture resistance. Precast beams and columns are widely used in residential and commercial sectors. Floor and roof system is another attractive segment. The use of precast concrete is extended to different types of floor and roof structure systems, including hollow core floors, ribbed floors, concrete roof elements, and massive slab floors. The partially precast concrete floors are made up of a pre-casted part along with a cast in-situ part.

Based on country, the Europe precast concrete market has been segmented into the Germany, France, the UK, Italy, Russia, and rest of Europe. In 2022, Germany held the largest revenue share of the Europe precast concrete market. Germany is considered one of the largest economies and an attractive market for precast concrete in the European region. Germany is among the largest producers of precast concrete in Europe. The production of precast concrete has consistently risen for a decade. The rising demand from several end-use sectors, such as commercial and residential construction, automotive, and others, has further fueled the growth of the market. Further, the railway industry in Germany comprises over 130 companies, including large system houses for the development and production of complete railway systems. Thus, the extensive use of precast concrete in railways is one of the factors expected to boost the demand for precast concrete in Germany.

CRH Plc; Heidelberg Materials AG; Cemex SAB de CV manufacturer; Holcim Ltd; Consolis Group SAS; Elementbau Osthessen GmbH & Co., ELO KG; Forterra; Centrum Pile Ltd.; Balfour Beatty Plc; and Laing O'Rourke Plc. are some of the major players operating in the Europe precast concrete market. Players operating in the Europe precast concrete market are adopting different strategies, such as investments in research and development activities and new product launches, to stand out as strong competitors in the market. Market players are highly focused towards the development of high quality and innovative product offerings to fulfil the customer's requirements.

The size of overall Europe precast concrete market has been derived using both primary and secondary source. To begin the research process, exhaustive secondary

research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the market. Also, multiple primary interviews have been conducted with industry participants to validate the data, as well as to gain more analytical insights into the topic. The participants of this process include industry experts such as VPs, business development managers, market intelligence managers, and national sales managers, along with external consultants such as valuation experts, research analysts, and key opinion leaders, specializing in the Europe precast concrete market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. EUROPE PRECAST CONCRETE MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Porter's Five Forces Analysis
 - 4.2.1 Bargaining Power of Suppliers
 - 4.2.2 Bargaining Power of Buyers
 - 4.2.3 Threat of New Entrants
 - 4.2.4 Intensity of Competitive Rivalry
 - 4.2.5 Threat of Substitutes
- 4.3 Ecosystem Analysis
 - 4.3.1 Overview:
 - 4.3.2 Raw Material Suppliers:
 - 4.3.3 Manufacturers
 - 4.3.4 Buyers
 - 4.3.5 End Use
 - 4.3.6 List of Vendors in the Value Chain

5. EUROPE PRECAST CONCRETE MARKET – KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Need for Cost-Effective, Safe, and Eco-Friendly Concrete Products

- 5.1.2 Rise in Renovation and Remodeling Activities
- 5.2 Market Restraints
 - 5.2.1 Volatility in Raw Material Prices
- 5.3 Market Opportunities
 - 5.3.1 Supportive Government Initiatives
- 5.4 Future Trends
 - 5.4.1 Rise in Innovation and Product Development
- 5.5 Impact Analysis

6. PRECAST CONCRETE MARKET - EUROPE MARKET ANALYSIS

- 6.1 Europe Precast Concrete Market Revenue (US\$ Million)
- 6.2 Europe Precast Concrete Market Volume (Million Cubic Meter)
- 6.3 Europe Precast Concrete Market Forecast and Analysis

7. EUROPE PRECAST CONCRETE MARKET ANALYSIS – STRUCTURE SYSTEM

- 7.1 Beam and Column System
 - 7.1.1 Overview
 - 7.1.2 Beam and Column System Market Revenue and Forecast to 2030 (US\$ Million)
- 7.2 Floor and Roof System
 - 7.2.1 Overview
 - 7.2.2 Floor and Roof System Market Revenue and Forecast to 2030 (US\$ Million)
- 7.3 Bearing Wall System
 - 7.3.1 Overview
 - 7.3.2 Bearing Wall System Market Revenue and Forecast to 2030 (US\$ Million)
- 7.4 Façade System
 - 7.4.1 Overview
 - 7.4.2 Façade System Market Revenue and Forecast to 2030 (US\$ Million)
- 7.5 Others
 - 7.5.1 Overview
 - 7.5.2 Others Market Revenue and Forecast to 2030 (US\$ Million)

8. EUROPE PRECAST CONCRETE MARKET ANALYSIS – END USE

- 8.1 Residential
 - 8.1.1 Overview
 - 8.1.2 Residential Market Revenue and Forecast to 2030 (US\$ Million)
 - 8.1.3 Residential Market Volume and Forecast to 2030 (Million Cubic Meter)

8.2 Commercial

8.2.1 Overview

8.2.2 Commercial Market Revenue and Forecast to 2030 (US\$ Million)

8.2.3 Commercial Market Volume and Forecast to 2030 (Million Cubic Meter)

8.3 Others

8.3.1 Overview

8.3.2 Others Market Revenue and Forecast to 2030 (US\$ Million)

8.3.3 Others Market Volume and Forecast to 2030 (Million Cubic Meter)

9. EUROPE PRECAST CONCRETE MARKET - GEOGRAPHICAL ANALYSIS

9.1 Europe Precast Concrete Market

9.1.1 Overview

9.1.2 Europe Precast Concrete Market Breakdown by Country

9.1.2.1 Europe Precast Concrete Market Breakdown by Country

9.1.2.2 Germany Precast Concrete Market Revenue and Forecasts To 2030 (US\$ Million)

9.1.2.3 Germany Precast Concrete Market Volume and Forecasts To 2030 (Million Cubic Meters)

9.1.2.3.1 Germany Precast Concrete Market Breakdown by Structure System

9.1.2.3.2 Germany Precast Concrete Market Breakdown by End Use

9.1.2.4 France Precast Concrete Market Revenue and Forecasts To 2030 (US\$ Million)

9.1.2.5 France Precast Concrete Market Volume and Forecasts To 2030 (Million Cubic Meters)

9.1.2.5.1 France Precast Concrete Market Breakdown by Structure System

9.1.2.5.2 France Precast Concrete Market Breakdown by End Use

9.1.2.6 Italy Precast Concrete Market Revenue and Forecasts To 2030 (US\$ Million)

9.1.2.7 Italy Precast Concrete Market Volume and Forecasts To 2030 (Million Cubic Meters)

9.1.2.7.1 Italy Precast Concrete Market Breakdown by Structure System

9.1.2.7.2 Italy Precast Concrete Market Breakdown by End Use

9.1.2.8 UK Precast Concrete Market Revenue and Forecasts To 2030 (US\$ Million)

9.1.2.9 UK Precast Concrete Market Volume and Forecasts To 2030 (Million Cubic Meters)

9.1.2.9.1 UK Precast Concrete Market Breakdown by Structure System

9.1.2.9.2 UK Precast Concrete Market Breakdown by End Use

9.1.2.10 Russia Precast Concrete Market Revenue and Forecasts To 2030 (US\$ Million)

9.1.2.11 Russia Precast Concrete Market Volume and Forecasts To 2030 (Million Cubic Meters)

9.1.2.11.1 Russia Precast Concrete Market Breakdown by Structure System

9.1.2.11.2 Russia Precast Concrete Market Breakdown by End Use

9.1.2.12 Rest of Europe Precast Concrete Market Revenue and Forecasts To 2030 (US\$ Million)

9.1.2.13 Rest of Europe Precast Concrete Market Volume and Forecasts To 2030 (Million Cubic Meters)

9.1.2.13.1 Rest of Europe Precast Concrete Market Breakdown by Structure System

9.1.2.13.2 Rest of Europe Precast Concrete Market Breakdown by End Use

10. IMPACT OF COVID-19 PANDEMIC ON EUROPE PRECAST CONCRETE MARKET

10.1 Pre & Post Covid-19 Impact

11. INDUSTRY LANDSCAPE

11.1 Overview

11.2 New Product Development

11.3 Merger and Acquisition

11.4 Partnerships

11.5 Other Business Strategies

12. COMPETITIVE LANDSCAPE

12.1 Heat Map Analysis By Key Players

12.2 Company Positioning & Concentration

13. COMPANY PROFILES

13.1 CRH Plc

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Heidelberg Materials AG

- 13.2.1 Key Facts
- 13.2.2 Business Description
- 13.2.3 Products and Services
- 13.2.4 Financial Overview
- 13.2.5 SWOT Analysis
- 13.2.6 Key Developments
- 13.3 Cemex SAB de CV manufacturer
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services
 - 13.3.4 Financial Overview
 - 13.3.5 SWOT Analysis
 - 13.3.6 Key Developments
- 13.4 Holcim Ltd
 - 13.4.1 Key Facts
 - 13.4.2 Business Description
 - 13.4.3 Products and Services
 - 13.4.4 Financial Overview
 - 13.4.5 SWOT Analysis
 - 13.4.6 Key Developments
- 13.5 Consolis Group SAS
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 Elementbau Osthessen GmbH & Co., ELO KG
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 Forterra Plc
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview

- 13.7.5 SWOT Analysis
- 13.7.6 Key Developments
- 13.8 Centrum Pile Ltd.
 - 13.8.1 Key Facts
 - 13.8.2 Business Description
 - 13.8.3 Products and Services
 - 13.8.4 Financial Overview
 - 13.8.5 SWOT Analysis
 - 13.8.6 Key Developments
- 13.9 Balfour Beatty Plc
 - 13.9.1 Key Facts
 - 13.9.2 Business Description
 - 13.9.3 Products and Services
 - 13.9.4 Financial Overview
 - 13.9.5 SWOT Analysis
 - 13.9.6 Key Developments
- 13.10 Laing O'Rourke Plc
 - 13.10.1 Key Facts
 - 13.10.2 Business Description
 - 13.10.3 Products and Services
 - 13.10.4 Financial Overview
 - 13.10.5 SWOT Analysis
 - 13.10.6 Key Developments

14. APPENDIX

I would like to order

Product name: Europe Precast Concrete Market Size and Forecasts (2020 - 2030), Regional Share, Trends, and Growth Opportunity Analysis Report Coverage: By Structure System (Beam and Column System, Floor and Roof System, Bearing Wall System, Façade System, and Others), End Use (Residential, Commercial, and Others), and Country

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