

Negative CO2 Cement, The Blue Ocean of Growth

<https://marketpublishers.com/r/N2E15EF7F35EN.html>

Date: September 2018

Pages: 60

Price: US\$ 1,250.00 (Single User License)

ID: N2E15EF7F35EN

Abstracts

REPORT SCOPE:

The scope of this report covers various types of products available in the global market for negative CO2 cement and their potential application across various industries and sectors. The market is segmented by type into magnesium oxide-based cement, iron oxide-based cement, fly ash-based cement, high activation grinding based cement, geopolymers cement and calcium carbonate cement. Revenue forecasts from 2017 to 2022 are given for each type, application segment and regional market with an estimated value derived from manufacturers' total revenues.

REPORT INCLUDES:

An overview of the total market opportunity and analysis of the technology by type, the growth drivers and the global regulatory frameworks for the nascent negative CO2 cement

Growth prospects and market based projections for the technologies fueling the negative CO2 market including cements formulated with magnesium oxide, iron oxide, fly ash, high activation grinding, geopolymers and calcium carbonate

An estimate of the market performance from 2017 to 2023 applications such as residential, commercial, industrial, marine infrastructure and others

Commentary on the market provided by Geopolymer Solutions, LLC and IronKast Technologies

Contents

CHAPTER 1 NOTE FROM THE EDITOR

CHAPTER 2 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
Methodology
Geographic Breakdown
Roadmap of Negative CO₂ Cement Market
Investment Analysis
What the Industry is Saying
Analyst's Credentials
BCC Custom Research
Related BCC Research Reports

CHAPTER 3 INDUSTRY OVERVIEW AND MARKET ESTIMATES

Negative CO₂ Cement: Concept Overview
Regulatory Framework
China
India
European Union
U.S.
Market Estimates and Growth Prospects
Types of Negative CO₂ Cement
Magnesium Oxide-Based Cement
Iron Oxide-Based Cement
Fly Ash-Based Cement
Energetically Modified Cement/High Activation Grinding Based Cement
Geopolymer-Based Cement
Calcium Carbonate Cement
Applications for Negative CO₂ Cement
Residential Buildings
Commercial Buildings
Others
Marine

Industrial
Analysis by Region
North America
Europe Union
Asia-Pacific
Rest of the World
Negative CO2 Cement vs. Portland Cement
Negative CO2 Cement vs. Alternatives
Future of the Market
Strategies of Major Cement Manufacturers

CHAPTER 4 COMPANY PROFILES

List Of Tables

LIST OF TABLES

Summary Table: Global Negative CO2 Cement Market, Through 2023

Table 1: Low-Carbon Cements in Comparison with Portland Cement

Table 2: Comparison of Permissible Limits of Airborne Emissions

Table 3: Cements at Different Stages of the Product Life Cycle

Table 4: Global Negative CO2 Cement Market, by Type, Through 2023

Table 5: Comparison of Ordinary Portland Cement and Magnesium Oxide-Based Cement

Table 6: Raw Materials Required for Iron Oxide-Based Cement Manufacturing

Table 7: Global Market for Iron Oxide-Based Cement, by Region, Through 2023

Table 8: Performance Comparison of OPC and Iron Oxide-Based Cement

Table 9: Global Market for Fly Ash-Based Cement, by Region, Through 2023

Table 10: Advantages and Disadvantages of Using Fly Ash-Based Cement

Table 11: Low-Carbon Innovations in Clinker Substitution and Binders

Table 12: Global High Activation Grinding Based Cement, by Region, Through 2023

Table 13: Benefits of High Activation Grinding

Table 14: Global Geopolymer Cement Market, by Region, Through 2023

Table 15: Global Market for Calcium Carbonate Cement, by Region, Through 2023

Table 16: Global Negative CO2 Cement Market, by Application, Through 2023

Table 17: Low-Carbon or Carbon-Negative Alternatives to Portland Cement Technologies

Table 18: Expected Savings from Fly Ash-based Cement in a Three-story (50,000 ft²) Commercial Building

Table 19: Global Negative CO2 Cement Market, by Region, Through 2023

Table 20: Regulations for Cement and Concrete Proposed by the Canadian Standards Association

Table 21: Carbon Cost Assessment for Infrastructure Projects as Per LCCA and LCA Structure

Table 22: EU Targets for Greenhouse Gas (GHG) Emission

Table 23: Negative CO2 Cement vs. Portland Cement

Table 24: Negative CO2 Cement vs. Alternatives

List Of Figures

LIST OF FIGURES

Figure 1: Cement Production, by Country, 2015

Figure 2: CO2 Emission Through Cement Production

Figure 3: Production Process of Geopolymer Cement

Figure 4: Production of CO2 Free Calcium Carbonate Cement from Solar Thermal Process

Figure 5: Characteristics of Zero-Carbon Buildings

Figure 6: Increased Life of Structures Using Low Carbon Concrete

Figure 7: U.S. Annual CO2 Emission from Fossil Fuels, by Sector, 2017

Figure 8: Share of Cement Sales in the U.S., by Sector, 2017

Figure 9: Greenhouse Gas Emission in Canada, by Sector, 2017

Figure 10: Infrastructure Spending in Europe Since 2013

Figure 11: Investment Focus in Infrastructure Sector in Europe, 2018-2023

Figure 12: World Cement Consumption, 2010-2015

Figure 13: Top Cement Consumers, 2016

Figure 14: Sources of CO2 Emissions in the Cement Industry

I would like to order

Product name: Negative CO2 Cement, The Blue Ocean of Growth

Product link: <https://marketpublishers.com/r/N2E15EF7F35EN.html>

Price: US\$ 1,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N2E15EF7F35EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970