

# Solid Fuel Market Forecast to 2028 - COVID-19 Impact and Global Analysis By Fuel Type (Petcoke/Flexicoke, Anthracite, Metallurgical Coke, and Coal)

<https://marketpublishers.com/r/SF20D32B13DAEN.html>

Date: April 2023

Pages: 173

Price: US\$ 4,550.00 (Single User License)

ID: SF20D32B13DAEN

## Abstracts

The solid fuel market is expected to grow from US\$ 389.14 billion in 2022 to US\$ 401.54 billion in 2028; it is expected to record a CAGR of 0.5% during 2022–2028.

There is an expansion and development of refineries across the world. In June 2022, the IEA oil market report predicted that net global refining capacity would expand by an extra 1.6 million b/d in 2023. The expansion or new refining capacity growth consists of various high-capacity refinery projects underway, especially in the Middle East and China. The aforesaid region and country have the potential to add over 4.0 million b/d of new capacity in next two years.

- In China, it is projected that overall capacity would have a snowball effect owing to commence of minimum two new refinery projects and one major refinery expansion.
- Substantial refinery capacity was extended in the Middle East in 2021. In Saudi Arabia, Jizan refinery with 400,000 b/d capacity came online by the end of 2021 and commenced exporting petroleum products at the beginning of 2022.
- New refining construction with more than 2 million b/d capacity is estimated to come online to assist markets in Indian Ocean basin. Along with this, another major project is scheduled in Atlantic basin. After completion of the mentioned project, a 650,000 b/d Dangote Industries refinery in Lagos (Nigeria) will be the largest in the country. The development of a refinery would meet domestic and neighbouring African countries' demand for petroleum.

Therefore, the expansion of refineries would increase the use of solid fuels, which is

expected to offer lucrative opportunities for the solid fuels market during the forecast period.

### Impact of COVID-19 Pandemic on Solid Fuel Market Growth

The enactment of lockdowns and travel restrictions, the shutdown of production facilities, and the disruption in the supply chain adversely affected major players' performances in the solid fuel market. In the wake of COVID-19 pandemic, the burden on coal miners increased. In the US, three companies declared suspension of their operations within the territory to control the novel coronavirus spread. Coronado Global Resources of Australia suspended their US thermal and metallurgical coal mines owing to the global economic downturn caused by the pandemic in 2020. Moreover, Alliance Resource Partners (ARLP) temporarily closed the coal production at its Illinois basin mines to limit the virus spread. Such a halt in production activities negatively impacted the market. Also, the country's coal production took a nosedive in 2020 since the pandemic caused a sharp rise in electricity demand. On the contrary, the demand for coal has started gaining momentum since the demand for coal is rising from cement makers and power generation plants.

In terms of revenue, North America dominated the solid fuel market share. The production of coal is rising in North America. According to U.S. Energy Information Administration in January 2023, the coal production in the US was 139.97 MMt [154.3 million short tons (MMst)] in the third quarter of 2022, with an increase of 5.9% compared to its second quarter and growth of around 4.0% compared to the third quarter of 2021. In addition, anthracite accounted for 1% of total coal mined in the US in 2021. Further, the total coal consumption in the US was 131.63 MMt (145.1 MMst) in the third quarter of 2022, with an increase of 23.1% compared to its second quarter. Thus, the rising coal production and consumption increase anthracite production, which boosts the solid fuel market growth in North America.

Coal is one of the largest sources of CO<sub>2</sub> emission. According to a report by International Energy Agency (IEA) in November 2022, IEA's Net Zero Emissions by 2050 aims to reduce the use of coal and look for newer technologies. Moreover, the region is adopting hydropower electricity generation as it is one of the clean sources of energy and is extensively used for power system flexibility and resilience. According to US Department of Energy report in January 2021, the hydropower capacity increased by a net of 431 MW in 2019 since 2017. The capacity increased from existing facilities, new facilities, and by powering non-powered dams (NPDs), which resulted in total net growth of 1,688 MW from 2010 to 2019. Thus, the adoption of hydropower across North

America will restrain the solid fuel market growth in the coming years.

Coal plays an integral part in electricity generation and iron and steel production. Steel is a crucial material in consumer and industrial products, including vehicles, appliances, and other. The US is one of the largest steel producers in the world. According to the US Census Bureau data, the profits from steel production increased to US\$ 29.6 billion in 2021 from US\$ 2.7 billion in 2020. Rising population propels the demand for steel products, which, in turn, increases steel production. The rise in steel production will boost the demand for coal in North America during the forecast period.

Indian Oil Corp Ltd, Exxon Mobil Corp, RESORBENT Sro, JH CARBON PTY LTD, Essar Global Fund Ltd, BP Plc, Lukoil Oil Co, Valero Energy Corp, Phillips 66, and Hargreaves (UK) Services Ltd. are a few key solid fuel market players.

The overall solid fuel market size has been derived using both primary and secondary sources. 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. The process also serves the purpose of obtaining an overview and forecast of the solid fuel market size with respect to all market segments. Also, industry participants and commentators have conducted multiple primary interviews to validate the data and gain more analytical insights. Participants of this process include 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 solid fuel market.

## Contents

### **1. INTRODUCTION**

- 1.1 Study Scope
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation

### **2. KEY TAKEAWAYS**

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. SOLID FUEL MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 PEST Analysis
  - 4.2.1 North America
  - 4.2.2 Europe
  - 4.2.3 APAC
  - 4.2.4 MEA
  - 4.2.5 SAM
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinions

### **5. SOLID FUEL MARKET – KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Use of Coal Across Different Countries
  - 5.1.2 Establishment of Refineries Driving Use of Coal
- 5.2 Market Restraints
  - 5.2.1 Availability of Coal Substitutes
  - 5.2.2 Government Mandates for Limiting Greenhouse Gas Emissions
- 5.3 Market Opportunities
  - 5.3.1 Development and Expansion of Refineries

## 5.4 Future Trends

### 5.4.1 Rising Demand for Petcoke

## 5.5 Impact Analysis of Drivers and Restraints

## **6. SOLID FUEL MARKET – GLOBAL MARKET ANALYSIS**

### 6.1 Global Solid Fuel Market Overview

### 6.2 Global Solid Fuel Market Revenue Forecast and Analysis

### 6.3 Market Positioning – Five Key Players

## **7. SOLID FUEL MARKET ANALYSIS – BY FUEL TYPE**

### 7.1 Overview

### 7.2 Solid Fuel Market, By Fuel Type (2021 and 2028)

### 7.3 Petcoke/Flexicoke

#### 7.3.1 Overview

#### 7.3.2 Petcoke/Flexicoke: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.3 Cement

##### 7.3.3.1 Cement: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.4 Lime Kilns

##### 7.3.4.1 Lime Kilns: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.5 Gasification Units

##### 7.3.5.1 Gasification Units: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

#### 7.3.6 Industrial Boilers

##### 7.3.6.1 Industrial Boilers: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

### 7.4 Anthracite

#### 7.4.1 Overview

#### 7.4.2 Anthracite: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

### 7.5 Metallurgical Coke

#### 7.5.1 Overview

#### 7.5.2 Metallurgical Coke: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

#### 7.5.3 Iron & Steel

##### 7.5.3.1 Iron & Steel: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

#### 7.5.4 Glass

##### 7.5.4.1 Glass: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

## 7.5.5 Others

### 7.5.5.1 Others: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

## 7.6 Coal

### 7.6.1 Overview

### 7.6.2 Coal: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

### 7.6.3 Thermal

#### 7.6.3.1 Thermal: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

### 7.6.4 Metallurgical

#### 7.6.4.1 Metallurgical: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

## **8. SOLID FUEL MARKET – GEOGRAPHIC ANALYSIS**

### 8.1 Overview

### 8.2 North America: Solid Fuel Market

#### 8.2.1 North America: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

#### 8.2.2 North America: Solid Fuel Market, By Fuel Type

##### 8.2.2.1 North America: Solid Fuel Market, By Petcoke/Flexicoke

##### 8.2.2.2 North America: Solid Fuel Market, By Metallurgical Coke

##### 8.2.2.3 North America: Solid Fuel Market, By Coal

#### 8.2.3 North America: Solid Fuel Market, by Key Country

##### 8.2.3.1 US: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

###### 8.2.3.1.1 US: Solid Fuel Market, By Fuel Type

###### 8.2.3.1.1.1 US: Solid Fuel Market, By Petcoke/Flexicoke

###### 8.2.3.1.1.2 US: Solid Fuel Market, By Metallurgical Coke

###### 8.2.3.1.1.3 US: Solid Fuel Market, By Coal

##### 8.2.3.2 Canada: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

###### 8.2.3.2.1 Canada: Solid Fuel Market, By Fuel Type

###### 8.2.3.2.1.1 Canada: Solid Fuel Market, By Petcoke/Flexicoke

###### 8.2.3.2.1.2 Canada: Solid Fuel Market, By Metallurgical Coke

###### 8.2.3.2.1.3 Canada: Solid Fuel Market, By Coal

### 8.3 Europe: Solid Fuel Market

#### 8.3.1 Europe: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

#### 8.3.2 Europe: Solid Fuel Market, By Fuel Type

##### 8.3.2.1 Europe: Solid Fuel Market, By Petcoke/Flexicoke

##### 8.3.2.2 Europe: Solid Fuel Market, By Metallurgical Coke

##### 8.3.2.3 Europe: Solid Fuel Market, By Coal

#### 8.3.3 Europe: Solid Fuel Market, by Key Country

##### 8.3.3.1 Germany: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

###### 8.3.3.1.1 Germany: Solid Fuel Market, By Fuel Type



- 8.3.3.1.1 Germany: Solid Fuel Market, By Petcoke/Flexicoke
- 8.3.3.1.2 Germany: Solid Fuel Market, By Metallurgical Coke
- 8.3.3.1.3 Germany: Solid Fuel Market, By Coal
- 8.3.3.2 France: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
  - 8.3.3.2.1 France: Solid Fuel Market, By Fuel Type
    - 8.3.3.2.1.1 France: Solid Fuel Market, By Petcoke/Flexicoke
    - 8.3.3.2.1.2 France: Solid Fuel Market, By Metallurgical Coke
    - 8.3.3.2.1.3 France: Solid Fuel Market, By Coal
- 8.3.3.3 Italy: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
  - 8.3.3.3.1 Italy: Solid Fuel Market, By Fuel Type
    - 8.3.3.3.1.1 Italy: Solid Fuel Market, By Petcoke/Flexicoke
    - 8.3.3.3.1.2 Italy: Solid Fuel Market, By Metallurgical Coke
    - 8.3.3.3.1.3 Italy: Solid Fuel Market, By Coal
- 8.3.3.4 UK: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
  - 8.3.3.4.1 UK: Solid Fuel Market, By Fuel Type
    - 8.3.3.4.1.1 UK: Solid Fuel Market, By Petcoke/Flexicoke
    - 8.3.3.4.1.2 UK: Solid Fuel Market, By Metallurgical Coke
    - 8.3.3.4.1.3 UK: Solid Fuel Market, By Coal
- 8.3.3.5 Russia: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
  - 8.3.3.5.1 Russia: Solid Fuel Market, By Fuel Type
    - 8.3.3.5.1.1 Russia: Solid Fuel Market, By Petcoke/Flexicoke
    - 8.3.3.5.1.2 Russia: Solid Fuel Market, By Metallurgical Coke
    - 8.3.3.5.1.3 Russia: Solid Fuel Market, By Coal
- 8.3.3.6 Rest of Europe: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
  - 8.3.3.6.1 Rest of Europe: Solid Fuel Market, By Fuel Type
    - 8.3.3.6.1.1 Rest of Europe: Solid Fuel Market, By Petcoke/Flexicoke
    - 8.3.3.6.1.2 Rest of Europe: Solid Fuel Market, By Metallurgical Coke
    - 8.3.3.6.1.3 Rest of Europe: Solid Fuel Market, By Coal
- 8.4 Asia Pacific: Solid Fuel Market
  - 8.4.1 Asia Pacific: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
  - 8.4.2 Asia Pacific: Solid Fuel Market, By Fuel Type
    - 8.4.2.1 Asia Pacific: Solid Fuel Market, By Petcoke/Flexicoke
    - 8.4.2.2 Asia Pacific: Solid Fuel Market, By Metallurgical Coke
    - 8.4.2.3 Asia Pacific: Solid Fuel Market, By Coal
  - 8.4.3 Asia Pacific: Solid Fuel Market, by Key Country
    - 8.4.3.1 Australia: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
      - 8.4.3.1.1 Australia: Solid Fuel Market, By Fuel Type
        - 8.4.3.1.1.1 Australia: Solid Fuel Market, By Petcoke/Flexicoke

- 8.4.3.1.1.2 Australia: Solid Fuel Market, By Metallurgical Coke
- 8.4.3.1.1.3 Australia: Solid Fuel Market, By Coal
- 8.4.3.2 China: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
  - 8.4.3.2.1 China: Solid Fuel Market, By Fuel Type
    - 8.4.3.2.1.1 China: Solid Fuel Market, By Petcoke/Flexicoke
    - 8.4.3.2.1.2 China: Solid Fuel Market, By Metallurgical Coke
    - 8.4.3.2.1.3 China: Solid Fuel Market, By Coal
  - 8.4.3.3 India: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
    - 8.4.3.3.1 India: Solid Fuel Market, By Fuel Type
      - 8.4.3.3.1.1 India: Solid Fuel Market, By Petcoke/Flexicoke
      - 8.4.3.3.1.2 India: Solid Fuel Market, By Metallurgical Coke
      - 8.4.3.3.1.3 India: Solid Fuel Market, By Coal
    - 8.4.3.4 Japan: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
      - 8.4.3.4.1 Japan: Solid Fuel Market, By Fuel Type
        - 8.4.3.4.1.1 Japan: Solid Fuel Market, By Petcoke/Flexicoke
        - 8.4.3.4.1.2 Japan: Solid Fuel Market, By Metallurgical Coke
        - 8.4.3.4.1.3 Japan: Solid Fuel Market, By Coal
      - 8.4.3.5 South Korea: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
        - 8.4.3.5.1 South Korea: Solid Fuel Market, By Fuel Type
          - 8.4.3.5.1.1 South Korea: Solid Fuel Market, By Petcoke/Flexicoke
          - 8.4.3.5.1.2 South Korea: Solid Fuel Market, By Metallurgical Coke
          - 8.4.3.5.1.3 South Korea: Solid Fuel Market, By Coal
        - 8.4.3.6 Rest of APAC: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
          - 8.4.3.6.1 Rest of APAC: Solid Fuel Market, By Fuel Type
            - 8.4.3.6.1.1 Rest of APAC: Solid Fuel Market, By Petcoke/Flexicoke
            - 8.4.3.6.1.2 Rest of APAC: Solid Fuel Market, By Metallurgical Coke
            - 8.4.3.6.1.3 Rest of APAC: Solid Fuel Market, By Coal
      - 8.5 MEA: Solid Fuel Market
        - 8.5.1 MEA: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
        - 8.5.2 MEA: Solid Fuel Market, By Fuel Type
          - 8.5.2.1 MEA: Solid Fuel Market, By Petcoke/Flexicoke
          - 8.5.2.2 MEA: Solid Fuel Market, By Metallurgical Coke
          - 8.5.2.3 MEA: Solid Fuel Market, By Coal
        - 8.5.3 MEA: Solid Fuel Market, by Key Country
          - 8.5.3.1 Saudi Arabia: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
            - 8.5.3.1.1 Saudi Arabia: Solid Fuel Market, By Fuel Type
              - 8.5.3.1.1.1 Saudi Arabia: Solid Fuel Market, By Petcoke/Flexicoke
              - 8.5.3.1.1.2 Saudi Arabia: Solid Fuel Market, By Metallurgical Coke
              - 8.5.3.1.1.3 Saudi Arabia: Solid Fuel Market, By Coal



- 8.5.3.2 UAE: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
  - 8.5.3.2.1 UAE: Solid Fuel Market, By Fuel Type
    - 8.5.3.2.1.1 UAE: Solid Fuel Market, By Petcoke/Flexicoke
    - 8.5.3.2.1.2 UAE: Solid Fuel Market, By Metallurgical Coke
    - 8.5.3.2.1.3 UAE: Solid Fuel Market, By Coal
  - 8.5.3.3 South Africa: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
    - 8.5.3.3.1 South Africa: Solid Fuel Market, By Fuel Type
      - 8.5.3.3.1.1 South Africa: Solid Fuel Market, By Petcoke/Flexicoke
      - 8.5.3.3.1.2 South Africa: Solid Fuel Market, By Metallurgical Coke
      - 8.5.3.3.1.3 South Africa: Solid Fuel Market, By Coal
    - 8.5.3.4 Rest of MEA: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
      - 8.5.3.4.1 Rest of MEA: Solid Fuel Market, By Fuel Type
        - 8.5.3.4.1.1 Rest of MEA: Solid Fuel Market, By Petcoke/Flexicoke
        - 8.5.3.4.1.2 Rest of MEA: Solid Fuel Market, By Metallurgical Coke
        - 8.5.3.4.1.3 Rest of MEA: Solid Fuel Market, By Coal
  - 8.6 SAM: Solid Fuel Market
    - 8.6.1 SAM: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
    - 8.6.2 SAM: Solid Fuel Market, By Fuel Type
      - 8.6.2.1 SAM: Solid Fuel Market, By Petcoke/Flexicoke
      - 8.6.2.2 SAM: Solid Fuel Market, By Metallurgical Coke
      - 8.6.2.3 SAM: Solid Fuel Market, By Coal
    - 8.6.3 SAM: Solid Fuel Market, by Key Country
      - 8.6.3.1 Brazil: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
        - 8.6.3.1.1 Brazil: Solid Fuel Market, By Fuel Type
          - 8.6.3.1.1.1 Brazil: Solid Fuel Market, By Petcoke/Flexicoke
          - 8.6.3.1.1.2 Brazil: Solid Fuel Market, By Metallurgical Coke
          - 8.6.3.1.1.3 Brazil: Solid Fuel Market, By Coal
        - 8.6.3.2 Argentina: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
          - 8.6.3.2.1 Argentina: Solid Fuel Market, By Fuel Type
            - 8.6.3.2.1.1 Argentina: Solid Fuel Market, By Petcoke/Flexicoke
            - 8.6.3.2.1.2 Argentina: Solid Fuel Market, By Metallurgical Coke
            - 8.6.3.2.1.3 Argentina: Solid Fuel Market, By Coal
          - 8.6.3.3 Rest of SAM: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
            - 8.6.3.3.1 Rest of SAM: Solid Fuel Market, By Fuel Type
              - 8.6.3.3.1.1 Rest of SAM: Solid Fuel Market, By Petcoke/Flexicoke
              - 8.6.3.3.1.2 Rest of SAM: Solid Fuel Market, By Metallurgical Coke
              - 8.6.3.3.1.3 Rest of SAM: Solid Fuel Market, By Coal

## **9. SOLID FUEL MARKET - COVID-19 IMPACT ANALYSIS**

9.1 Overview

9.2 North America: Impact Assessment of COVID-19 Pandemic

9.3 Europe: Impact Assessment of COVID-19 Pandemic

9.4 Asia Pacific: Impact Assessment of COVID-19 Pandemic

9.5 MEA: Impact Assessment of COVID-19 Pandemic

9.6 South America Impact Assessment of COVID-19 Pandemic

## **10. INDUSTRY LANDSCAPE**

10.1 Overview

10.2 Market Initiative

10.3 Product Development

10.4 Mergers & Acquisitions

## **11. COMPANY PROFILES**

11.1 Indian Oil Corp Ltd

11.1.1 Key Facts

11.1.2 Business Description

11.1.3 Products and Services

11.1.4 Financial Overview

11.1.5 SWOT Analysis

11.1.6 Key Developments

11.2 Elinoil Hellenic Petroleum Company SA

11.2.1 Key Facts

11.2.2 Business Description

11.2.3 Products and Services

11.2.4 Financial Overview

11.2.5 SWOT Analysis

11.2.6 Key Developments

11.3 RESORBENT Sro

11.3.1 Key Facts

11.3.2 Business Description

11.3.3 Products and Services

11.3.4 Financial Overview

11.3.5 SWOT Analysis

11.3.6 Key Developments

11.4 JH CARBON PTY LTD

- 11.4.1 Key Facts
- 11.4.2 Business Description
- 11.4.3 Products and Services
- 11.4.4 Financial Overview
- 11.4.5 SWOT Analysis
- 11.4.6 Key Developments
- 11.5 Hargreaves (UK) Services Ltd
- 11.5.1 Key Facts
- 11.5.2 Business Description
- 11.5.3 Products and Services
- 11.5.4 Financial Overview
- 11.5.5 SWOT Analysis
- 11.5.6 Key Developments
- 11.6 Essar Global Fund Ltd
- 11.6.1 Key Facts
- 11.6.2 Business Description
- 11.6.3 Products and Services
- 11.6.4 Financial Overview
- 11.6.5 SWOT Analysis
- 11.6.6 Key Developments
- 11.7 BP Plc
- 11.7.1 Key Facts
- 11.7.2 Business Description
- 11.7.3 Products and Services
- 11.7.4 Financial Overview
- 11.7.5 SWOT Analysis
- 11.7.6 Key Developments
- 11.8 Lukoil Oil Co
- 11.8.1 Key Facts
- 11.8.2 Business Description
- 11.8.3 Products and Services
- 11.8.4 Financial Overview
- 11.8.5 SWOT Analysis
- 11.8.6 Key Developments
- 11.9 Valero Energy Corp
- 11.9.1 Key Facts
- 11.9.2 Business Description
- 11.9.3 Products and Services
- 11.9.4 Financial Overview

11.9.5 SWOT Analysis

11.9.6 Key Developments

11.10 Phillips

11.10.1 Key Facts

11.10.2 Business Description

11.10.3 Products and Services

11.10.4 Financial Overview

11.10.5 SWOT Analysis

11.10.6 Key Developments

## List Of Tables

### LIST OF TABLES

Table 1. Global Solid Fuel Market Revenue and Forecast to 2028 (US\$ Million)

Table 2. North America: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 3. North America: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 4. North America: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 5. North America: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 6. US: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 7. US: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 8. US: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 9. US: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 10. Canada: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 11. Canada: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 12. Canada: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 13. Canada: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 14. Europe: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 15. Europe: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 16. Europe: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 17. Europe: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 18. Germany: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 19. Germany: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast

to 2028 (US\$ Million)

Table 20. Germany: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 21. Germany: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 22. France: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 23. France: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 24. France: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 25. France: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 26. Italy: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 27. Italy: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 28. Italy: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 29. Italy: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 30. UK: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 31. UK: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 32. UK: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 33. UK: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 34. Russia: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 35. Russia: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 36. Russia: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 37. Russia: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 38. Rest of Europe: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)



Table 39. Rest of Europe: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 40. Rest of Europe: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 41. Rest of Europe: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 42. Asia Pacific: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 43. Asia Pacific: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 44. Asia Pacific: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 45. Asia Pacific: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 46. Australia: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 47. Australia: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 48. Australia: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 49. Australia: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 50. China: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 51. China: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 52. China: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 53. China: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 54. India: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 55. India: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 56. India: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 57. India: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 58. Japan: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028

(US\$ Million)

Table 59. Japan: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 60. Japan: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 61. Japan: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 62. South Korea: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 63. South Korea: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 64. South Korea: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 65. South Korea: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 66. Rest of APAC: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 67. Rest of APAC: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 68. Rest of APAC: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 69. Rest of APAC: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 70. MEA: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 71. MEA: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 72. MEA: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 73. MEA: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 74. Saudi Arabia: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 75. Saudi Arabia: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 76. Saudi Arabia: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 77. Saudi Arabia: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 78. UAE: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 79. UAE: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 80. UAE: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 81. UAE: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 82. South Africa: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 83. South Africa: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 84. South Africa: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 85. South Africa: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 86. Rest of MEA: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 87. Rest of MEA: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 88. Rest of MEA: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 89. Rest of MEA: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 90. SAM: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 91. SAM: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 92. SAM: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 93. SAM: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 94. Brazil: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 95. Brazil: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 96. Brazil: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 97. Brazil: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Million)

Table 98. Argentina: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 99. Argentina: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 100. Argentina: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 101. Argentina: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

Table 102. Rest of SAM: Solid Fuel Market, By Fuel Type – Revenue and Forecast to 2028 (US\$ Million)

Table 103. Rest of SAM: Solid Fuel Market, By Petcoke/Flexicoke – Revenue and Forecast to 2028 (US\$ Million)

Table 104. Rest of SAM: Solid Fuel Market, By Metallurgical Coke – Revenue and Forecast to 2028 (US\$ Million)

Table 105. Rest of SAM: Solid Fuel Market, By Coal – Revenue and Forecast to 2028 (US\$ Million)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Solid Fuel Market Segmentation
- Figure 2. Solid Fuel Market Segmentation – By Geography
- Figure 3. Global Solid Fuel Market Overview
- Figure 4. Solid Fuel Market, by Fuel Type
- Figure 5. Solid Fuel Market, by Geography
- Figure 6. North America – PEST Analysis
- Figure 7. Europe – PEST Analysis
- Figure 8. APAC – PEST Analysis
- Figure 9. MEA – PEST Analysis
- Figure 10. SAM – PEST Analysis
- Figure 11. Solid Fuel Market – Ecosystem Analysis
- Figure 12. Global Solid Fuel Market: Impact Analysis of Drivers and Restraints
- Figure 13. Geographic Overview of Solid Fuel Market
- Figure 14. Global Solid Fuel Market Revenue Forecast and Analysis (US\$ Million)
- Figure 15. Solid Fuel Market Revenue Share, by Fuel Type (2021 and 2028)
- Figure 16. Petcoke/Flexicoke: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 17. Cement: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 18. Lime Kilns: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 19. Gasification Units: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 20. Industrial Boilers: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 21. Anthracite: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 22. Metallurgical Coke: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 23. Iron & Steel: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 24. Glass: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 25. Others: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 26. Coal: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 27. Thermal: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 28. Metallurgical: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 29. Global Solid Fuel Market Revenue Share, By Region (2021 & 2028)

Figure 30. North America: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 31. North America: Solid Fuel Market Revenue Share, By Fuel Type (2021 & 2028)

Figure 32. North America: Solid Fuel Market Revenue Share, by Key Country (2021 & 2028)

Figure 33. US: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 34. Canada: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 35. Europe: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 36. Europe: Solid Fuel Market Revenue Share, By Fuel Type (2021 & 2028)

Figure 37. Europe: Solid Fuel Market Revenue Share, by Key Country (2021 & 2028)

Figure 38. Germany: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 39. France: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 40. Italy: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 41. UK: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 42. Russia: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 43. Rest of Europe: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 44. Asia Pacific: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 45. Asia Pacific: Solid Fuel Market Revenue Share, By Fuel Type (2021 & 2028)

Figure 46. Asia Pacific: Solid Fuel Market Revenue Share, by Key Country (2021 & 2028)

Figure 47. Australia: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 48. China: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 49. India: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 50. Japan: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 51. South Korea: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 52. Rest of APAC: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 53. MEA: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 54. MEA: Solid Fuel Market Revenue Share, By Fuel Type (2021 & 2028)

Figure 55. MEA: Solid Fuel Market Revenue Share, by Key Country (2021 & 2028)

Figure 56. Saudi Arabia: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 57. UAE: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 58. South Africa: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)



Figure 59. Rest of MEA: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 60. SAM: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 61. SAM: Solid Fuel Market Revenue Share, By Fuel Type (2021 & 2028)

Figure 62. SAM: Solid Fuel Market Revenue Share, by Key Country (2021 & 2028)

Figure 63. Brazil: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 64. Argentina: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 65. Rest of SAM: Solid Fuel Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 66. Impact of COVID-19 Pandemic on North America Country Markets

Figure 67. Impact of COVID-19 Pandemic on Europe Country Markets

Figure 68. Impact of COVID-19 Pandemic on Asia Pacific Country Markets

Figure 69. Impact of COVID-19 Pandemic on MEA Country Markets

Figure 70. Impact of COVID-19 Pandemic on South America Country Markets

## I would like to order

Product name: Solid Fuel Market Forecast to 2028 - COVID-19 Impact and Global Analysis By Fuel Type (Petcoke/Flexicoke, Anthracite, Metallurgical Coke, and Coal)

Product link: <https://marketpublishers.com/r/SF20D32B13DAEN.html>

Price: US\$ 4,550.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SF20D32B13DAEN.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

