

Nuclear Decommissioning Global Market Segmentation and Major Players Analysis and Forecast to 2022

Nuclear Decommissioning Market 2017 Global Trends, Market Share, Industry Size, Growth, Opportunities and Forecast to 2022

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/EINPresswire.com/ -- The global [nuclear decommissioning](#) market has been estimated at USD XX billion in 2016 and is projected to reach USD XX billion by 2022, at a CAGR of XX% during the forecast period from 2017 to 2022. The world's focus is shifting towards clean energy sources, as the nations are moving towards energy efficiency. As a result, technologies such as solar photovoltaic and wind power generation are growing at a fast pace. Even though nuclear energy is considered a low carbon technology, nuclear power plant related accidents such as the Three-Mile Island accident, the Chernobyl disaster, and the recent Fukushima nuclear power plant accident have all been cause for concern to the public and to governments that have plans for nuclear power generation. Countries like Germany have already dropped the plans of having nuclear energy in their energy mix. As a result, many countries are shedding their nuclear power in order to move towards non-nuclear power generation programs. Moreover, there are certain reactors that retire from operation as they are economically not viable to produce power. Hence, the global nuclear decommissioning market is growing at a good rate.



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Market Dynamics

The main concern regarding the nuclear decommissioning projects is the reliability of services offered. For example, in the case of decommissioning of the Brennilis Nuclear Power Plant, which is a 70 MW reactor, despite the huge costs of dismantling there have been reported leakages of radioactive elements into the lake. In addition, there are high investment costs involved in decommissioning a nuclear reactor. The dismantling of the Niederaichbach Nuclear Power Plant in Germany cost about EUR 140 million. However, these high costs will not prevent the market growth

prospects as there will be an ongoing requirement for decommissioning of nuclear reactors.

Market Segmentation & Scope

The nuclear decommissioning market applies to different reactor applications such as the commercial power reactor, prototype power reactor, as well as, the research reactor. Hence, the market segmentation is done based on these categories. The market has also been categorized into five segments based on the type of the reactor, namely, pressurized water reactor, pressurized heavy water reactor, high-temperature gas cooled reactor, liquid metal fast breeder reactor. The XX reactor type of nuclear decommissioning accounted for the largest share with more than XX % of the total market share, in 2016. The market has also been geographically segmented into North America, Asia-Pacific, Europe, the Middle East & Africa and Latin America, with Europe occupying the largest consumer base in the world. XX and XX follow the list, respectively. The major companies dominating this market for its products, services, and continuous product developments have been listed in the report.

Scope of the Report:

Global Nuclear Decommissioning Market Analysis, by Reactor Type

Pressurized Water Reactor

Pressurized Heavy Water Reactor

Boiling Water Reactor

High-Temperature Gas Cooled Reactor

Liquid Metal Fast Breeder Reactor

Global Nuclear Decommissioning Market Analysis, by Application

Commercial Power Reactors

Prototype Power Reactors

Research Reactors

Global Nuclear Decommissioning Market, by Site Capacity

Below 100 MW

100 – 1000 MW

Above 1000 MW

Global Nuclear Decommissioning Market Analysis, by Region

North America

Asia-Pacific

Europe

The Middle East and Africa

South America

Key Companies

AECOM

Areva

Babcock

Bechtel

CH2M

Hitachi - GE

Magnox Ltd.

Sellafield Ltd.

Westinghouse

Others

Key Deliverables in the Study

Market Overview - market analysis and identification of key drivers, restraints, and opportunities.

Major trends and economic outlook.

Supply chain analysis.

Porter's five forces analysis.

A comprehensive summary of the industry sectors and regions poised for the fastest-growth.

Generator sets market analysis by fuel type, region, capacity/rating, end-use, and application.

Future outlook of the market.

Extensively researched competitive landscape section with profiles of major companies, along with their estimated market share.

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