

# Global Submarine Air-Independent Propulsion (AIP) Systems Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

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## Abstracts

Submarines are the most powerful vessel for performing underwater stealth operations such as anti-submarine warfare. During such secretive activities, submarines need to be silent in order to remain undetected from the enemy forces. Propulsion system plays an extremely important role in the functioning of a submarine for the completion of its desired operations. Majorly nuclear submarines are used due to their capability of performing extended operations. These propulsion system equipped submarines are expensive and generate a high level of noise which becomes a major threat. Therefore, diesel-electric submarines are used by several countries as they are silent and suitable for performing activities in littoral surfaces. Diesel-electric submarines have to get back on the surface to get fresh oxygen in order to recharge their batteries through diesel engines. This exposes such conventional submarines to the enemy radars and increases the chances of getting attacked.

### Scope of the Report:

This report focuses on the Submarine Air-Independent Propulsion (AIP) Systems in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Enhancement in underwater endurance of non-nuclear submarines will be one of the major factors that will have a positive impact on the growth of the market. The engines of the submarine require contact with the surface atmosphere to intake fresh air and to vent out engine exhaust. An AIP system helps a submarine to recharge its batteries without the need to contact surface atmosphere. Due to this, the submarine's snorkeling

frequencies reduce and its underwater endurance increases. Owing to such benefits for the implementation of submarine AIP systems by armed forces globally, will propel the market growth.

APAC is expected to be the major revenue contributor to the market by 2023. The region has a vast stretch of shared maritime waters which requires vessels with high endurance capabilities. So, procurement and modernization of vessels with high endurance like AIP-equipped submarines is being promoted by these countries.

The worldwide market for Submarine Air-Independent Propulsion (AIP) Systems is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

United Shipbuilding Corporation

Saab

Thyssenkrupp

Kawasaki Heavy Industries

SENER

Siemens

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Stirling Engine Submarine AIP Systems

Fuel Cell Submarine AIP Systems

Market Segment by Applications, can be divided into

Line Fit

Retro Fit

There are 15 Chapters to deeply display the global Submarine Air-Independent Propulsion (AIP) Systems market.

Chapter 1, to describe Submarine Air-Independent Propulsion (AIP) Systems Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Submarine Air-Independent Propulsion (AIP) Systems, with sales, revenue, and price of Submarine Air-Independent Propulsion (AIP) Systems, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Submarine Air-Independent Propulsion (AIP) Systems, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Submarine Air-Independent Propulsion (AIP) Systems market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Submarine Air-Independent Propulsion (AIP) Systems sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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