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Global Construction Machinery Market By Product, 6th Edition

Published by Freedonia Group
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USD 9100 PDF by E-mail (Corporate License)

Global demand for construction machinery is forecast to rise nearly 10% per year through 2021, a major improvement over the losses of the 2011-2016 period. Demand for construction machinery in Australia, Brazil, Chile, Indonesia, Saudi Arabia, and South Africa is projected to more than double between 2016 and 2021 as companies in the construction, mining, and energy sectors invest in new equipment and replace outdated models.

Global Construction Machinery Market addresses the following questions and more:

- Which countries are projected to register the fastest construction equipment sales growth through 2021?
- What are the most widely used types of construction machinery?
- Which companies are the leading producers of construction machinery and how have their market shares changed in recent years?

Global Repair Construction Market 2017-2021

Published by TechNavio (Infiniti Research Ltd.)
Price
USD 3500 PDF by E-mail (Single User License) ~
USD 10000 PDF by E-mail (Global License)

Repair materials are used in construction when damage occurs in the structure. The repair material is selected on the basis of numerous parameters. The material must be compatible, non-hazardous, durable, and have good bonding strength, low air and water permeability, low shrinkage, and the similar coefficient of thermal expansion. For non-structural repairs, water repellents, mortar admixtures, bonding agents, waterproofing compounds, paint additives, polymer-based crack fillers, and rust removers are used, considering the future life of the building. Specialized products and services are utilized for structural repairs. These products are inclusive of styrene butadiene rubber, rust removers, ready-made polymer plasters, plasticizers-based repair compounds, acrylic copolymers, and epoxy bonding agents.

Technavio’s analysts forecast the global repair construction market to grow at a CAGR of 8.35% during the period 2017-2021.
Transformer breathing is a process where the increased load on the transformer results in the heating up of the insulating oil, which in turn, expands and is expelled out into the conservator tank fitted on the top of the power transformer. A transformer breather is a type of equipment that is connected to the conservator of an oil-immersed transformer. It consists of silica gel breathers, which are capable of absorbing the moisture from the air that passes through the breather. It enables the dry air to pass through and thus, enhances the life of the transformer oil and in turn, the transformer.

Technavio’s analysts forecast the global transformer breathers market to grow at a CAGR of 5.07% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global transformer breathers market for 2017-2021. To calculate the market size, the report considers the new installations, shipments, sales, volume, and value.

Solar traffic lights or traffic blinkers are signaling devices powered by solar panels positioned at road intersections, pedestrian crossings, and other locations to control the flow of traffic. They assign the right of way to motorists by well-lit visual indication in the universal color code of red, amber/yellow, and green. Solar traffic lights are increasingly integrated with LED lamps owing to their properties and superiority over incandescent lamps. The PV panel converts the solar rays into electricity that illuminates the LED lamps installed in the traffic light.

Technavio’s analysts forecast the global solar traffic products market to grow at a CAGR of 15.62% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global solar traffic products market for 2017-2021. To calculate the market size, the report considers the demand for solar traffic products.
Global Membrane Bioreactors Market 2017-2021

Membrane bioreactor (MBR) technology combines biological-activated sludge process and membrane filtration and has been accepted for the treatment of wastewater in recent years. However, conventional activated sludge (CAS) process cannot cope up with the composition of wastewater and fluctuations in wastewater flow rate. MBR technology is an expensive method when compared with the conventional process; however, the legal requirements in wastewater treatment plants are fulfilled with the use of membrane bioreactor technology.

Technavio’s analysts forecast the global membrane bioreactors market to grow at a CAGR of 10.37% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global membrane bioreactors market for 2017-2021. To calculate the market size, the report considers new installations/sales of products.

Global Road Stud and Delineator Market 2017-2021

Traffic safety products are used to prevent road users from getting seriously injured or killed. Typical road users include motorist, pedestrians, road construction and repair workers, etc. These products are designed to safeguard and minimize the risk of accidents, control errant vehicle movement, and reinforce road safety. Road studs and delineators are among the various traffic safety equipment. Road studs are devices embedded on the road surface to demarcate road edges and define centerlines. Road delineators are raised pavement markers used to guide pedestrians and motorist around construction areas and redirect traffic.

Technavio’s analysts forecast the global road stud and delineator market to grow at a CAGR of 5.39% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global road stud and delineator market for 2017-2021. To calculate the market size, the report considers the demand generated for road studs and delineators.
Global Water and Wastewater Treatment Chemicals (WWTCs) Market 2017-2021

Published by TechNavio (Infiniti Research Ltd.)

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www.giiresearch.com/ce/544331

Water and waste water treatment chemicals (WWTCs) are used to eliminate impurities or suspended substances from contaminated water. These chemicals make the contaminated water fit for industrial or domestic uses. WWTCs are used for purifying municipal drinking water, industrial waste water, and production waste water, making the treated water reusable in different applications. These chemicals are also used for purifying sea water and ground water. The choice of chemicals primarily depends on the cost and the end outcome.

Technavio’s analysts forecast the global water and wastewater treatment chemicals (WWTCs) market to grow at a CAGR of 6.94% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global water and wastewater treatment chemicals (WWTCs) market for 2017-2021. To calculate the market size, the report considers revenue generated from the sales of WWTCs of various types across different segments.

Global Water Pipeline Leak Detection System (LDS) Market By Technology, By Equipment, By Type, By Location of Application, By Region, By Country - Analysis and Forecast, 2017 Edition

Published by Azoth Analytics

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USD 3000 PDF by E-mail (Multi User License)

www.giiresearch.com/ce/349909

A comprehensive research report created through extensive primary research (inputs from industry experts, companies, stakeholders) and secondary research, the report aims to present the analysis of Global Water Pipeline Leak Detection System Market By Region (North America, Europe, APAC and ROW) and By Country (U.S., Canada, Germany, France, U.K., Australia, China and India).

Rising pipeline projects to maintain water supply in water scarce areas and increasing demand for leak detection equipment and inspection solutions to minimise the water loss is boosting the demand for installing water pipeline leak detection system globally. Moreover, stringent government policies are further going to minimise impact of leakage on environment. In terms of segmentation, market is categorized on the basis of technology (Equipment and Inspection service). The equipment market is further categorised among Acoustic and Non-Acoustic. Another segmentation in water pipeline leak detection system market is by type (continuous and non-continuous leak detection methods) and location of application (Underground, Above the Ground and Under Water). Although, North America is anticipated to lead the revenue contribution in the market with the share of around 45%, APAC is expected to witness higher growth rate till 2022.
**Care Homes Construction Market Report - UK 2017-2021 Analysis**

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The 4th edition of the 'Care Homes Construction Market Report - UK 2017-2021 Analysis' will be of particular interest to care providers in the private and local authority sectors and construction / service companies involved in the long-term care sector.

Key issues covered:

- Structure and size of both independent and voluntary care home sectors and analysis of providers.  
- Analysis of supply and demand in the care sector against a backdrop of an aging population. Including future demand.  
- Analysis of care costs and funding - sources of funding and investment in the independent and voluntary care homes sectors.  
- Development pipeline - key building programmes and major players.

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**Global Dragging Equipment Detector Market 2017-2021**

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A dragging equipment detector is used to detect objects that are struck and are being dragged by the train. The object being dragged hits the equipment installed on the railway track, and the detector sends an alert signal to the controller at the time of the impact. The dragging equipment detector also sends information about the length of the object that is being dragged based on the impact. Thus, objects such as air hose, pipes, or chains dragging beneath or by the side of the rails are identified while the train is running. Dragging equipment detector helps in avoiding derailment or any other train accidents as a result of objects being dragged. Further, the dragging equipment detector operates in such a way that when any objects hit the equipment, the circuit in the equipment breaks to alert the authorities about the dragging object. This alert signal is registered as a defect and flags the event as a fault to the operator as well as the instructor or driver of the train.

Technavio’s analysts forecast the global dragging equipment detector market to grow at a CAGR of 5.29% during the period 2017-2021.
Global Construction Equipment Rental Market 2017-2021

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The construction equipment rental industry is a service industry that offers varied products, ranging from machinery, equipment, and tools for a limited period to end-users. Players that provide used equipment on lease to the construction companies for certain period operate the market. The robust growth in the infrastructure and construction sectors worldwide is expected to fuel the growth of the construction equipment rental market during the forecast period.

Technavio's analysts forecast the global construction equipment rental market to grow at a CAGR of 5.11% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global construction equipment rental market for 2017-2021. To calculate the market size, the report considers demand for construction equipment from key regions.

Global Oil and Gas Pipeline Monitoring Equipment Market 2017-2021

Published by TechNavio (Infiniti Research Ltd.)
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USD 10000 PDF by E-mail (Global license)

The oil and gas pipeline monitoring equipment includes monitoring products and software. It is used for safe, reliable, fast, and efficient monitoring and control of oil and gas pipeline operations. The hardware components include flow meters, pressure sensors, temperature sensors, and control valves that are installed on oil and gas pipelines. The software systems include distributed control system (DCS) or programmable logic control (PLC)/supervisory control and data acquisition (SCADA).

Technavio's analysts forecast the global oil and gas pipeline monitoring equipment market to grow at a CAGR of 4.56% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global oil and gas pipeline monitoring equipment market for 2017-2021. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.
Traffic signs and signals are a vital component for road safety management. They are used to maintain safety on road for pedestrians as well as drivers. They are usually erected on the sides of road with information for commuters. With the traffic volume increasing globally, countries have simplified and standardized their signs and signals to overcome language barriers and enhance safety. However, the placement of traffic signs and signals can vary to a considerable extent from country to country.

Technavio’s analysts forecast the global LED traffic signs and signals market to grow at a CAGR of 5.05% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global LED traffic signs and signals market for 2017-2021. To calculate the market size, the report considers new installations, volume and retrofit/replacement market.

Cold storage is a technique used for the preservation of perishable products and makes it durable for a longer time. In cold storage equipment system, a range of freezers and coolers are provided to maintain temperature controlled environment for storage of the products. The global cold storage construction market is anticipated to grow with a CAGR of about 15% during the forecast period of 2016-2023. The factors responsible for the growth of global cold storage construction market during the forecast period are growing consumer demand for processed and perishable food and technological advancements in refrigerated storage and transport. However, government regulations imposed on gases used in cold storage construction and increasing energy, infrastructure and maintenance cost of cold storage are the factors restraining the growth of the global cold storage construction market during the forecast period.

Geographically, Asia Pacific accounted for the largest market share in terms of revenue for cloud storage construction market in 2016 and is expected to dominate the market during the forecast period. The region is expected to witness the highest growth owing to the increasing demand of cold storage construction in developing economies such as China and India.
According to the projections in this report, the air traffic control (ATC) equipment market is projected to grow from USD 4.37 billion in 2015 to USD 5.52 billion by 2020, at a CAGR of 4.79% during the forecast period of 2015 to 2020. Factors that drive the global air traffic control equipment market include the increase in the initiatives taken for modernization of airports, growing concern about safety requirements, technological advancements, and need for efficient management of airspace.

Commercial segment to witness the highest growth during the forecast period

The key applications considered for the market study are defense and commercial, wherein the overall air traffic control equipment market is dominated by the commercial segment. This segment is projected to grow at a higher CAGR during the forecast period of 2015 to 2020, primarily driven by the increase in spending by various aviation authorities towards modernizing their air traffic control equipment in response to the burgeoning rise in air travel and congestion of airspace.


Key issues covered in the report include:

- Analysis of construction output in the commercial office sector with forecasts to 2020-21.
- Structure and size of the UK Commercial Office sector in London and key regional cities including: Birmingham, Bristol, Cardiff, Edinburgh, Glasgow, Southampton and Northern Powerhouse cities - Leeds, Liverpool, Manchester, Newcastle.
- Analysis of key drivers of office activity; take-up, availability / supply, prime office rents.
- Detailed review of major construction and fit-out contractors and architects involved in commercial office sector construction - overview of contractor capability and contract experience.
- Key developers and investors - overview of commercial office portfolios and development pipelines.
- Future prospects and opportunities for commercial office sector work for the construction supply chain.
Urban wastewater is progressively contaminated with pollutants such as biocides, pesticides, personal care products, endocrine disrupting compounds, and pharmaceutical substances. Hazardous micropollutants generally get into wastewater treatment plants (WWTPs) as a result of domestic uses of textiles, pharmaceutical products, electronics, cosmetics, and hygiene products. These micropollutants, with their potential deadliness for human health and the aquatic environment, have become a major concern for water utilities.

In recent years, legislation in Europe as well as globally has been tightened concerning micropollutants in municipal wastewater and on the release of organics into surface waters. The European Union has laid out a list of prioritized substances viewed as a threat to the ground water. Member countries are required to monitor these substances in the wastewater to take necessary action. However, conventional treatment technologies in existing WWTPs struggle to completely eradicate micropollutants or to sufficiently limit their concentrations in to conform to the thresholds in new regulations. Therefore, innovative and additional treatment technologies are required.

This report analyzes and forecasts the market for in-pipe hydro systems at the global and regional level. The market has been forecast based on market share (percentages) and revenue (US$ in Thousands) from 2017 to 2025. The study includes drivers and restraints of the global in-pipe hydro systems market. It also covers the impact of these drivers and restraints on demand for in-pipe hydro systems during the forecast period. The report also highlights opportunities in the in-pipe hydro systems market at the global and regional level.

The report comprises a detailed value chain analysis, which provides a comprehensive view of the global in-pipe hydro systems market. Porter's Five Forces model for the in-pipe hydro systems market has also been included to help understand the competitive landscape in the market. The study encompasses market attractiveness analysis, wherein end-users are benchmarked based on their market size, growth rate, and general attractiveness.
Global Electric Vehicle Charger Market 2017-2021

An electric vehicle (EV) charger supplies the electricity required to recharge the batteries in pure EVs and plug-in hybrid electric vehicle (PHEVs). They are also called as EV supply equipment (EVSE), and electric charging points. The market includes wired or wireless EV charger which is used residentially or commercially to charge EVs (pure EVs and PHEVs). The global automotive industry is focusing on exploring alternative propulsion technologies to curb vehicle emissions and achieve higher fuel economy in vehicles.

Technavio’s analysts forecast the global electric vehicle charger market to grow at a CAGR of 43.72% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global electric vehicle charger market for 2017-2021. To calculate the market size, the report considers EV charger available volume.

U.S. Investor-Owned Water Utilities: M&A Deals and Trends, Q3 2017

Bluefield’s Quarterly Update of U.S. Investor-Owned Utility Deals (includes analysis and separate data file with 160+ completed and pending deals).

Water & wastewater utilities continuing to scale their positions through mergers & acquisitions (M&A). More than US$187 million of acquisitions for 28 deals were completed in the second quarter of this year.

While industry leaders American Water and Aqua America further built out their footprint, Eversource Energy, New England’s largest electricity and gas provider, announced the acquisition of Aquarion Water.

This update is available through our U.S. & Canada Municipal Water Insight Service. Executives rely on this service to identify the key states, systems, and opportunities that stand out in an already crowded field with increasing competition.
Global Power Distribution Automation Components Market 2017-2021

Power distribution automation components are utilized in power distribution across the regions. These components increase the operational efficiency and are used for various applications such as relays, circuit breakers, fuses, automated switches, reclosers, communication enabling devices, SCADA, live monitoring systems, and smart meters.

Global power distribution automation components market discusses the application of power distribution automation components in the industrial, commercial and residential sectors. It includes switching and protecting components, monitoring devices, and measuring devices in EMEA, the Americas, and APAC.

Technavio’s analysts forecast the global power distribution automation components market to grow at a CAGR of 6.20% during the period 2017-2021.

Global Container Fleet Market Analysis & Trends - Industry Forecast to 2025

Based on End User the market is categorized into Food and Agriculture, Mining and Minerals, Retails, Oil & Gas and Chemicals, Automotive and Other End Users.

On basis of Container Types the market is divided into Dry Container, Tank Container and Reefer Container.

This industry report analyzes the market estimates and forecasts of all the given segments on global as well as regional levels presented in the research scope. The study provides historical market data for 2014, 2015 revenue estimations are presented for 2016 and forecasts from 2017 till 2025. The study focuses on market trends, leading players, supply chain trends, technological innovations, key developments, and future strategies. With comprehensive market assessment across the major geographies such as North America, Europe, Asia Pacific, Middle East, Latin America and Rest of the world the report is a valuable asset for the existing players, new entrants and the future investors.
The global smart transformer market is anticipated to grow at a CAGR of about 19.81% during the forecast years of 2017-2025. The smart transformers market is primarily driven by the following factors:

- Rise in industrial growth
- Aging infrastructure leading to investment in smart grids
- Higher consumptions pattern in high growth regions
- Rising production of electricity
- Compliance with regulatory standards
- Green energy demand on the rise

Power transformers require higher insulation levels; special designs to control short-circuit currents, and increased cooling requirements. Power transformers are usually liquid-filled as they can efficiently dissipate the heat generated from the transformers' core.

Global power transformers market is estimated to reach $15billion plus in 2021, registering a compound annual growth rate (CAGR) of 1.69% between 2016 and 2021. In growing economies such as those of Asia-Pacific and the Middle East, new capacity addition in the generation and transmission sector to meet the rise in electricity demand is driving the power transformers market.
A distribution transformer is used whenever an electrical energy at a low voltage is needed (440v-220v for domestic purpose and less than 33KV in the case of industrial use). The Distribution Transformer Market is expected to grow at a CAGR of 7.51% during the forecast period of 2017-2025.

MARKET INSIGHTS:

The advances in transformer industry and the rebuilding and modernization of aging power infrastructure are mainly responsible for driving the market. The global distribution transformers market is segmented on the basis of insulation type that includes dry and oil filled insulations, on the basis of mounting that includes the pad-mounting, pole mounting and underground vault and on the basis of the type of phase (single phase or three phase).

The North American distribution transformers market was valued at $3153 million in 2016. It is expected to grow at a CAGR of 5.83% during the forecast period of 2017-2025 and reach $5195 million by the end of 2025. The fact that renewable energy is expected to gain a traction in the region coupled with the continuous digital transformation of utilities is presenting the market with plenty of growth opportunities.

MARKET INSIGHTS:

The primary drivers for the market growth include smart grid electrifying market, advances in transformer industry, growing focus on green energy and modernization of aging power infrastructure. Although the prospects look promising, the market may have to face certain challenges with respect to standardization of equipment and stress causing failures, that might restrain the market growth. At present, the market is being segmented on the basis of phase (single or three phase), on the basis of insulation (dry or oil-filled) and on the basis of the mount (pole, pad, underground vault, etc).
The Europe distribution transformer market is expected to grow at a CAGR of 6.27% during the forecast period of 2017-2025. The market worth is expected to experience a surge from $2,930 million in 2016 and reach $5012 million by the end of 2025. The various advances in transformer industry and the growing popularity of green energy are the major factors driving the market.

MARKET INSIGHTS:

A major challenge faced by the market is the operational inefficiency leading to delays and suspensions. However, the market can find some potential growth opportunities in the fact that renewable energy is now gaining traction and the digital transformation of utilities is being observed throughout the region. The type of insulations (oil-filled, dry), type of mount (pole, pad, etc.) and the type of phase (single, three, etc) are the various criteria on which the market is being segmented.

The North America smart transformers market was valued at $226 million in 2016 and is expected to reach $1088 million by 2025 growing at an anticipated CAGR of 19.14% during the forecast period 2017-2025. The rising production of electricity, compliance with regulatory standards and the increasing demand for green energy are majorly responsible for driving the market.

MARKET INSIGHTS:

Smart transformers have overcome the shortcomings of traditional transformers in terms of reliability, security and effective transmission. This market is segmented on the basis of type, component, and application. The different types of smart transformers include distribution transformer, specialty transformer, instrument transformer, and power transformer. Of these, the distribution transformer is expected to exhibit the fastest growth in the coming years. The components of the transformers include switch, converter and other such components whereas the market finds its application in electric vehicle charging station, traction locomotives, power (distribution) grid and in alternative power generation.
Global Substation Automation Market Analysis & Trends - Industry Forecast to 2025

The Global Substation Automation Market is poised to grow at a CAGR of around 6.6% over the next decade to reach approximately $197.5 billion by 2025. Some of the prominent trends that the market is witnessing include high initial investment required for automation and increasing demand for renewable energy generation.

Based on communication channel the market is categorized into optical fiber communication, copper wire communication, power line communication and Ethernet.

By industry, substation automation market is segmented into transportation, oil & gas, mining, steel and utility. Furthermore, utility divided into renewables and non-renewables.

Depending on the offering the market is segregated by services, software and hardware. Furthermore, services divided into repair, testing, & maintenance, installation & commissioning, upgrades & retrofits and training & development. Software is segmented into performance management, production management and asset management. Hardware segmented by digital relays, communication channel, capacitor banks, recloser controllers, load tap changers, protective relays, programmable logic controllers, smart meters and other hardware's.

ASIA PACIFIC SMART TRANSFORMERS MARKET FORECAST 2017-2025

The Asia Pacific smart transformers market was valued at $498 million in 2016 and is expected to reach $2659 million by 2025 growing at a CAGR of 20.53% during the forecast period of 2017-2025. Increasing urbanization and the subsequent increase in electricity demand are majorly responsible for driving the Asian market.

MARKET INSIGHTS:

The smart transformers market is segmented on the basis of type, application, and component. The various types of smart transformers include distribution transformer, instrument transformer, power transformer and specialty transformer. The market finds its application in electric vehicle charging station, power (distribution) grids, traction locomotives, and alternative power generation. The smart distribution components are divided into the converter, switch, and other components.
Asia-Pacific distribution transformers market is growing at a CAGR of 8.79% during the forecast period of 2017-2025. The revenue generated by the market is expected to experience a hike from $5599 million in 2016 and reach $11828 million by the end of 2025.

MARKET INSIGHTS:

The Asian countries are conducting pilot tests and have started rolling out smart energy sensors which coupled with the increasing deployment of smart sensors, smart meters, and other networking hardware and software technologies in the region is likely to propel the market growth. The market is segmented on the type of mounting (pad, pole, and underground vault), type of insulation (oil filled, dry) and by phase (single and three).

Europe Smart transformers market forecast 2017-2025

The Europe Smart transformers market was valued at $220 million in 2016 and expected to reach $1054 million by 2025 growing at a CAGR of 19.06% during the forecast period of 2017-2025. The major drivers facilitating the expansion of the market include a rise in the industrial growth, aging infrastructure leading to investment in smart grids, rising production of electricity and a growing demand for green energy.

MARKET INSIGHTS:

The market is witnessing plenty of growth opportunities owing to the rising sales of hybrid and electric vehicles and the need for more reliable error free network. The segmentation of the market can be done into three parts: by component, by application and by type. The components for this market include switches, converters etc. The applications of this market can be observed in areas like traction locomotives, alternative power generation, electric vehicle charging station and power (distribution) grid.
**Global Automotive Container Fleet Market Analysis & Trends - Industry Forecast to 2025**

Published by Accuray Research

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The Global Automotive Container Fleet Market is poised to grow at a CAGR of around XX% during the forecast period 2016 to 2025. Some of the prominent trends that the market is witnessing include Increase in usage of high capacity vessels, Reduces the cost of containers and recent technological advancements in Automotive Container Fleet.

Based on End User the market is categorized into Food and Agriculture, Mining and Minerals, Retail, Oil & Gas and Chemicals, Automotive and Other End Users.

On basis of Container Types the market is divided into Dry Container, Tank Container and Reefer Container.

This industry report analyzes the market estimates and forecasts of all the given segments on global as well as regional levels presented in the research scope. The study provides historical market data for 2014, 2015 revenue estimations are presented for 2016 and forecasts from 2017 till 2025.

**India Smart Cities: Investment Trends for Smarter Water Infrastructure**

Published by Bluefield Research

Price

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India is positioning itself at the global forefront of smart urban infrastructure development with US$29 billion in total spend by 2020 allocated to its Smart Cities Mission. Of the $13.2 billion identified for the first 60 cities, US$1.6 billion, or 12.5%, is for water-related infrastructure- potable water, wastewater, stormwater, and smart water.

The initiative is designed to tap the private sector, through public-private partnerships, and develop municipal bond markets as nascent funding mechanisms for municipal water infrastructure.

In this Data Insight, Bluefield water experts analyze the multi-billion dollar investment opportunity in India’s smart cities, including lists of projects by city, financing options, and consultants competing to be implementation partners.
**Ionic Exchange Based Liquid Nuclear Waste Treatment Market (Ionic Exchange Process; Liquid Waste Type; Liquid Waste Source) - Global Industry Analysis, Size, Share, Growth, Trends, And Forecast 2017 - 2025**

Published by Transparency Market Research

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The report estimates and forecasts the Ionic Exchange based Liquid Nuclear Waste Treatment market on the global and regional levels. The study provides forecast between 2017 and 2025 based on revenue (US$ Mn) with 2016 as the base year. The report comprises an exhaustive value chain analysis for each of the segments. It provides a comprehensive view of the market. Value chain analysis also offers detailed information about value addition at each stage. The study includes drivers and restraints for the Ionic Exchange based Liquid Nuclear Waste Treatment market along with their impact on demand during the forecast period. The study also provides key market indicators affecting the growth of the market. The report analyzes opportunities in the Ionic Exchange based Liquid Nuclear Waste Treatment market on the global and regional level. Drivers, restraints, and opportunities mentioned in the report are justified through quantitative and qualitative data. These have been verified through primary and secondary resources. Furthermore, the report analyzes substitute analysis of Ionic Exchange based Liquid Nuclear Waste Treatment and global average price trend analysis.

**US Smart Water Infrastructure: Market Forecast (2017 - 2027)**

Published by Northeast Group, LLC

Price

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USD 5400 PDF by E-mail (Enterprise License) - plus Powerpoint and Dataset

www.giiresearch.com/ce/534063

The United States has the largest and most developed smart water infrastructure market in the world, and several trends point towards continued growth and development.

Northeast Group conducted a survey of nearly 340 water utilities and found that the vast majority of respondents have completed or are interested in investing in smart water infrastructure. While automated metering reading (AMR) and advanced metering infrastructure (AMI) water metering is already well developed in the US, still only approximately 60% of water customers have communicating meters, leaving ample room for market growth. Additionally, within the smart meter segment, both utilities and vendors have shown that the country is trending quickly towards AMI, even at smaller utilities. There is also an overall trend towards investing in smart city infrastructure and increased awareness of water scarcity in some parts of the country. This is creating clear growth opportunities throughout the smart water value chain.
**Residential Water Treatment Equipment Market in the US 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)  
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Price  
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Water treatment makes water safe to use by removing chemicals, contaminants, and other harmful biological contaminants. The residential water treatment equipment market in the US encompasses water filters and purifiers that remove the contaminants from water and make it useful for drinking. Based on technology, water purifiers are divided into RO, UV, gravity, and multiple technology. The need of water treatment is because of factors like scarcity of water, which necessitates the recycling of water for further use.

Technavio’s analysts forecast the residential water treatment equipment market in the US to grow at a CAGR of 11.76% during the period 2017-2021.

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**Municipal Water and Wastewater Treatment Chemicals Market in CEE 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)  
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www.giiresearch.com/ce/534662

Water treatment or purification is the process of removing unwanted chemicals, materials, and biological contaminants from raw water. The objective of water treatment is to provide water that is fit for consumption. Most of the water goes through the purification process for human consumption (drinking water, 56%). Water is also treated according to the requirements of pharmacology, chemical, medical, and industrial applications.

Technavio’s analysts forecast the municipal water and wastewater treatment chemicals market in CEE to grow at a CAGR of 7.68% during the period 2017-2021.
Global Wastewater Pump Market - Analysis By Technology, By Region, By Country: Opportunities and Forecast 2012-2022

A comprehensive research report created through extensive primary research (inputs from industry experts, companies, stakeholders) and secondary research, the report aims to present the analysis of Global Wastewater Pump Market; By Region (North America, Europe, APAC and ROW) and By Country (U.S., Canada, Germany, France, U.K., China and India)

Rising industrial production and growing population has increased the demand of Wastewater Pumps; however, there are certain challenges that will need to be addressed, including the high cost of pumps and lack of awareness about the wastewater re-use. Further, advancement in the variable frequency drive technologies will going to boost the global market in the forecast period. In the recent years, many leading manufacturing companies are dedicated in developing the wastewater treatment technologies, with the major focus on to reduce the cost and increasing efficiency. Variable Frequency Drives and Vortex Impeller designs has also been started to further simplify the failure in the pumping system and reducing the risk of blocking and leakage.

Onshore Oil & Gas Pipelines Market Report 2017-2027: CAPEX ($bn), Added and Existing Pipeline Length (km) Forecasts for Cross Border & Interstate Trunk and Transmission Pipelines Transporting Heavy, Ultra Heavy, Light Crude Oil and Dilbit

Visiongain’s extensive and detailed 416-page report reveals that onshore oil and gas pipeline infrastructure will experience CAPEX of $70.7bn in 2017.

If you are involved in the pipelines industry or intend to be, then you must read this report. It's vital you keep your market knowledge up to date.

Market scope:

Oil & gas pipelines are an essential part of hydrocarbon transportation and distribution, and required to ensure the smooth operation of the energy industry. They are the most effective and economical means of transporting oil and gas. 2016 was an exciting but a controversial year for the onshore oil and gas pipeline industry. The year had undergone many standoffs over several pipeline projects and the market is currently experiencing several important changes, with strong economic and population growth in some developing countries. The plummeting oil price has also fuelled many heated discussions relating to major pipeline projects across the globe resulting in deferred and delayed projects in 2017.
Global Port Security Market, Forecast to 2023
Published by Frost & Sullivan
Price
USD 1500 Web Access (Regional License)
www.giiresearch.com/ce/539631

Maritime trade continues to be critical to the movement of goods, with about 90% of global trade (by volume) being carried out by the shipping industry. Safe and secure transportation of goods remains a government priority globally to ensure economic stability and growth. Investment to protect goods in transit, including from land to sea, at port sites is thus critical. A large number of new port developments globally will drive high spending in these areas, as technology upgrades continue to be made in established and large ports.

Port security is not a new concern, and there is a legacy security infrastructure in place. However, with the digital transformation of industries and the growing automation of processes, there is now a need for more robust security. Cybersecurity has become a growing threat, with high-profile breaches occurring in the last few years. Ensuring the security of operational networks is a priority. In addition to physical security, more intelligent security systems are required.

Builders and Plumbers Merchants Market Report - UK 2017-2021 Analysis
Published by AMA Research
Price
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USD 2150 PDF by E-mail (Enterprise License)
www.giiresearch.com/ce/235905

The 15th edition of the 'Builders and Plumbers Merchants Market Report - UK 2017-2021 Analysis' provides an informed and up-to-date review of this influential market and addresses the market size and structure, key market drivers, key companies, product mix and ongoing changes in the supply chain driven by factors such as technology.

Key issues covered in the report:

- Detailed assessment of the market - analysis of the market size, structure and recent developments in the market in the light of a strengthened building and construction industry.
- Market forecasts to 2021.
- Assessment of key influences - market size, influencing market factors, key players and customer groups.
- Market analysis - key characteristics of market, SWOT etc.
- Analysis by product group - market size, product mix, sector trends and merchants market share.
**Global Ballast Water Management Market 2017-2021**

Marine vessels take seawater onboard for stability; this water has a distinct marine environment signature with indigenous aquatic microbes and marine life. This ballast water, if released untreated at the vessel’s new destination, may disrupt the local ecosystem. Ballast water management aims at reducing the harmful effects of ballast water disposal. The International Maritime Organization (IMO) adopted a convention for the control, management, and sedimentation of ballast water on February 2004.

Technavio’s analysts forecast the global ballast water management market to grow at a CAGR of 31.43% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global ballast water management market for 2017-2021. To calculate the market size, the report considers new installations and retrofit market.

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**Global Produced Water Treatment Market 2017-2021**

Produced water in the oil and gas industry is the water that is produced along with the crude oil and natural gas from petroleum wells. Petroleum reservoirs often contain water along with the liquid and gas hydrocarbons and this water is usually present below the zone of hydrocarbons. Water is the largest by-product obtained during oil and gas production and contain foreign materials such as grease and salt. The wastewater includes the water obtained from sewage systems, water injected into wells, drilling of exploration wells, oil and gas processing, and refining. Proper and effective management of water is necessary to improve oil production, enhance environmental protection and operational efficiency, and boost savings. Produced water is the term used in the oil and gas industry for the water that is produced along with the crude oil and natural gas from petroleum wells. Petroleum reservoirs often contain water along with the liquid and gas hydrocarbons and water is usually present below the zone of hydrocarbons.
Rail Freight Transportation Market in APAC 2017-2021

Rail freight transportation is predominantly used for the transportation of bulk commodity items, such as minerals, coal, crude oil, petroleum, natural gas, fertilizers, grains, and forest products. Demand for rail freight services for product exports is mostly confined to grains, coal, and iron ore export. Rail freight transportation is not an option in the case of express delivery as the time frame of shipping may change.

Technavio's analysts forecast the rail freight transportation market in APAC to grow at a CAGR of 3.70% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the rail freight transportation market in APAC for 2017-2021. To calculate the market size, the report considers the revenue generated by different vendors through the rail freight transportation market transactions.

Global Dry Container Fleet Market 2017-2021

Dry containers are available in 20' and 40' sizes and are manufactured either from steel or aluminum. These containers are suitable for numerous types of cargo. Dry containers are totally enclosed and weatherproof, with rigid side walls, rigid roofs, and floors. At least one of the end walls is equipped with doors to facilitate the transport of a variety of cargo. These containers can carry all types of “dry” goods, including ready-to-wear clothing, textiles, consumer goods and sundries, and goods that are packed in cartons, bags, drums, boxes, cases, bales, and pallets. These types of containers are also used for certain types of bulk cargo.

Technavio’s analysts forecast the global Dry Container Fleet market to grow at a CAGR of 2.08% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global dry container fleet market for 2017-2021. To calculate the market size, the report considers the volume which is based on the container fleet capacity for the respective region and the container type.
Research Report on China Sewage Treatment Industry, 2017-2021

The distribution of China’s water resources is uneven across areas and between the years. China is faced with water resource issues, and is under moderate water shortage in terms of water resources per capita though the total water resources are large. Sewage issues affect life and environment and also increased the municipal economic water scarcity. In recent years, the Chinese government has published a series of policies to promote the sewage treatment industry for China’s water pollution issues is deteriorating.

CRI estimates that China’s sewage discharge has kept growing for many years and the discharge exceeded 75 billion tons in 2016. Domestic sewage discharge accounted for over 70% of the total sewage discharge and the growth rate of industrial sewage discharge has slowed down. China’s urbanization accelerates with the development of economy.

Global Markets and Technologies for Water Recycling and Reuse

The global market for wastewater recycling and reuse reached nearly $12.2 billion in 2016 and should reach $22.3 billion by 2021, at a compound annual growth rates (CAGR) of 13.1%.

Report Includes

- An overview of the most prevalent water recycling and reuse technologies in the global market, as well as the markets and applications those technologies serve.
- Analyses of global market trends, with data from 2015 and 2016, and projections of compound annual growth rates (CAGRs) through 2021.
- A detailed look at the factors that will drive the growth of the market, as well as sources of project funding and regulation requirements.
- A breakdown of the industry structure.
- A patent analysis.
- Comprehensive company profiles of major players in the industry.
Global Smart Water: Market Trends, Competitive Shifts, & Project Activity H1 2017

Bluefield Research is optimistic about the scaling opportunities for smart water, globally. Our team of water experts tracks market drivers and strategies shaping this growing market. This Data Insight is released semi-annually for clients of our Municipal Water Insight Services.

Smart water project announcements in the first half of 2017 were driven by utility responses to water scarcity, complying with local market regulations, and vendor M&A. These deals reflect shifting opportunities to capture value, evident across the municipal water value chain.

The U.S. (66 projects) and U.K. (14) were the most active smart water markets during the first six months of 2017, followed regionally by the Asia Pacific (14), and the Middle East (9).

TAKEAWAYS

• U.S. smart meter rollout announcements continue to lead the global market, in volume of projects.
• Ofwat’s strong regulatory presence drives innovation in the U.K., yielding mixed results across regional monopolies.
• A new benchmark set in smart water M&A, as private equity EQT completes its’ smart water portfolio with Innovyze.

Package Deal of 6 Separate Reports: Road Construction Equipment Markets in North America [Asphalt Pavers, Compaction Equipment, Concrete Paving Equipment, Road Maintenance Equipment, Site Preparation Equipment, Surface Treatment & Finishing Equipment]

This project comprises six reports on key types of equipment used in the construction and maintenance of roads in North America. These reports are available individually or as a package.

Production of equipment used in road construction is largely a global activity—a handful of companies manufacture the key types of equipment at a global location and from there distribute worldwide. Smaller equipment categories have more local country manufacturing and markets.

This timely project quantifies the market size and sub-segments for road construction and road maintenance equipment to present a market profile for 6 different categories of equipment in North America: asphalt pavers, compaction equipment, concrete paving equipment, road maintenance equipment, site preparation equipment, and surface treatment and finishing equipment.

The Electric Power Transmission & Distribution (T&D) Infrastructure Market 2017-2027 responds to your need for definitive market data.

Read on to discover how you can exploit the future business opportunities emerging in this sector. Visiongain’s new study tells you and tells you NOW.

In this brand new report you find 168 in-depth tables, charts and graphs all unavailable elsewhere.

The 314 page report provides clear detailed insight into the Electric Power Transmission & Distribution (T&D) Infrastructure market. Discover the key drivers and challenges affecting the market.

UV water purifiers use short-wavelength ultraviolet light emitted from a specially configured lamp to kill microorganisms and other microbial contaminants in water. This water disinfection method does not use chemicals or disinfectants and is extensively used across various industries. The population in developed and developing economies still use untreated water, which increases the risk of waterborne diseases. The risks are high in developing regions in comparison with the developed regions due to poor water quality. Growing population and rising urbanization are increasing the pressure to improve the quality of water. Reverse osmosis (RO), ultraviolet (UV), and gravity-based are some of the technologies that have evolved water purification over the years.

Technavio’s analysts forecast the global commercial UV water purifier market to grow at a CAGR of 6.20% during the period 2017-2021.
Global Railcar Movers Market 2017-2021

Railcar mover is a vehicle that is capable of traveling on both rail and road tracks. It acts as a supporting role in the movement of railcars from rail to road or vice-versa. Railcar mover is used more compared with switcher locomotive as it is more economical and convenient in the process of switching operations because of its versatile nature. Railcar movers are extensively used in freight transportation worldwide. Rail freight transportation is used for the movement of raw materials, goods, coal, crude oil, metals and minerals, chemicals, and agricultural products. Railcar movers are widely used as an alternative to locomotives in railway yards, manufacturing, oil refineries and mining industries. The dual usability of railcar movers makes them an economical option. These vehicles have high reliability, consistent performance, and greater fuel efficiency as compared with other modes of transportation.

Technavio's analysts forecast the global railcar movers market to grow at a CAGR of 1.55% during the period 2017-2021.

Smart Cities Market by Focus Areas, Transportation (Types, Solutions, Services), Utilities (Types, Solutions, Services), Buildings (Types, Solutions, Services), Citizen Services (Types), and Region - Global Forecast to 2022

"Rapid connectivity & fast telecommunication provision and growing population & hyper-urbanization are the major driving factors for the smart cities market"

The smart cities market size is projected to grow from USD 424.68 billion in 2017 to USD 1,201.69 billion by 2022, at a Compound Annual Growth Rate (CAGR) of 23.1%. The driving factors for the growth of smart cities market are rapid Connectivity and fast telecommunication provision; growing population and hyper-urbanization; government initiatives; growing energy consumption & requirement for optimization of energy usage during peak hours; increasing share of renewable energy and limitations in capacity expansion; and decrease in operational cost for smart building infrastructures in capacity expansion.
Global Water Purifiers Market By Technology (Membrane, Media & UV), By Region (Asia-Pacific, North America, Europe & Russia, Middle East & Africa and South America), Competition Forecast & Opportunities, 2012 - 2026

Published by TechSci Research

Price
USD 4000 Unprintable PDF by E-mail (Single User License) ~
USD 8000 Printable & Editable PDF by E-mail (Multi-User License)

www.giiresearch.com/ce/286526

Global water purifiers market stood at $ 30.8 billion in 2016, and is projected to grow at a CAGR of over 10%, in value terms, to reach $ 83.4 billion by 2026, on the back of rising incidences of water borne diseases coupled with surging demand for safe and clean water across the globe. Continuing industrial expansion and unmonitored waste discharge into water sources have led to increasing water pollution, thereby deteriorating the quality of water. Rising concerns among consumers pertaining to health and wellbeing coupled with increasing purchasing power of consumers across different regions are set to augment demand for water purifiers over the next five years.

Years considered for this report:

- Historical Years: 2012-2015
- Base Year: 2016
- Estimated Year: 2017
- Forecast Period: 2017+-2026

U.S. Combined Sewer Overflows: Correction Costs and Management Solutions

Published by Bluefield Research

Price
USD 2500 PDF by E-mail (Enterprise License)

www.giiresearch.com/ce/528132

Combined Sewer Systems serve approximately one quarter of the U.S. population. Stemming from increasing patterns of large weather events, combined sewer overflows (CSO) result in nearly 850 billion gallons of untreated waste and storm water annually.

Climate models predict a significant rise in heavy precipitation events across the U.S., particularly in the Northeast and Midwest, where a push towards implementation of long term CSO control plans are on the rise.

Municipalities are deploying solutions such as sewer system separation and off-site storage tanks. At the same time, Real Time Control (RTC) technology (e.g. smart water) and green infrastructure is on the rise to control CSO volumes without implementing large construction projects.
United States Water Pumps Market, By Type (Positive Displacement & Centrifugal), By Application (Oil & Gas, Water Treatment, Power & Others), Competition Forecast & Opportunities, 2012-2026

Published by TechSci Research  
Price  
USD 3000 Unprintable PDF by E-mail (Single User License) ~  
USD 6000 Printable & Editable PDF by E-mail (Multi-User License)  

United States water pumps market stood at $6.11 billion in 2016, and is expected to grow at a CAGR of 4.51%, in value terms, during 2017-2026, to reach $9.47 billion by 2026, on the back of growing demand from water treatment, oil & gas, power and other industries. Hydraulic fracturing is used for drilling oil wells, which uses water pumps for pumping fluids, and with US government commissioning new wells near Texas demand for water pumps from oil & gas sector is expected to grow in the coming years. Power sector uses pumps for flooding cooling towers and boilers. Consequently, power sector in the US is also a major demand generator for water pumps.

Years considered for this report:

- Historical Years: 2012-2015
- Base Year: 2016
- Estimated Year: 2017
- Forecast Period: 2017-2026

Global Air Conditioner Market for Transportation Sector 2017-2021

Published by TechNavio (Infiniti Research Ltd.)  
Price  
USD 3500 PDF by E-mail (Single User License) ~  
USD 10000 PDF by E-mail (Global License)  

Air conditioners are used in the transportation sector primarily to cool down the air inside the vehicle and provide comfort to passengers. The main components of an air conditioner are compressors, condensers, evaporators, and thermal expansion valves. It is applicable in the automotive, railways, and aerospace sector.

Technavio’s analysts forecast the global air conditioner market for transportation sector to grow at a CAGR of 4.12% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global air conditioner market for transportation sector for 2017-2021. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.
Global Compressor Market for Transport Applications 2017-2021

Compressors are used to provide either air or gas at very high pressures. The air thus provided is used for transmitting power in various applications like power air tools, pneumatic cylinder actuation, hoists and lifts, transportation medium, fermentation, and combustion. For the transport application, compressors are used in a variety of transit applications, such as main line trains, light rail trains, underground trains, trams, metros, hybrid buses, and electric buses.

Technavio’s analysts forecast the global Compressor Market For Transport Application to grow at a CAGR of 4.11% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global Compressor Market For Transport Application for 2017-2021. The market size is calculated based on the demand for compressors in the transport industry.

Global Train Seating Market 2017-2021

A train seat is used in railways to provide comfort and safety to passengers during transit. There are different types of seats available in the market, depending on the usability. Rail logistics refers to the movement or transportation of goods and passengers from one place to another. It is the most effectual mode of passenger transportation, as it can handle a large volume of passengers in short time compared with road transport, for a medium-range distance up to 500-600 miles.

Technavio’s analysts forecast the global train seating market to grow at a CAGR of 2.34% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global train seating market for 2017-2021. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.
Rainwater Harvesting Market in India 2017-2021

Rainwater harvesting is the accumulation and storage of rainwater runoff for various purposes. It is the most effective way for rainwater management and conservation. This harvested water can be then routed to subsurface in a process called ground recharge through infiltration ponds, trenches, and dams. There are two kinds of rainwater harvesting methods: Rooftop-based rainwater harvesting and surface-based rainwater harvesting. The benefits of rainwater harvesting include financial as well as resource savings.

Technavio’s analysts forecast the rainwater harvesting market in India to grow at a CAGR of 6.56% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the rainwater harvesting market in India for 2017-2021. To calculate the market size, the report considers the new installations.

Ground Support Equipment Market by Type (Electric, Non-Electric, Hybrid), Application (Passenger Service, Commercial & Military Cargo, Aircraft Service), End Use (Commercial, Defense), Component (Equipment, MRO), and Region - Global Forecast to 2022

The Ground Support Equipment (GSE) market is projected to reach USD 24.69 billion by 2022, at a CAGR of 11.76% from 2017 to 2022. Ground support equipment are an integral part of airport operations. GSEs perform various functions, including aircraft maintenance, aircraft fueling, ground power, transporting cargo, and so on. GSE largely comprise off-road type equipment that are powered by gasoline or diesel. The growth of this market is attributed to the growing demand for ground support equipment with green technology and the rising number of airport expansion and development projects around the world. The GSE market is also facing some restraints such as availability of excess idle ground support equipment. The GSE providers and numerous airports are focusing on replacing such idle ground support equipment with new and improved ground support equipment.
**Home Extensions Market Report - GB 2017-2021 Analysis**

Published by AMA Research  
Pub. Date 2017/07/03

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USD 1075 PDF by E-mail (Single User License)  
USD 2150 PDF by E-mail (Enterprise License)

The 2nd edition of the 'Home Extensions Market Report - GB 2017-2021 Analysis' reviews the home extensions market in Great Britain, focusing specifically on householder developments requiring planning permission (e.g. building extensions). The report also reviews the drivers behind recent developments in the market, analyses opportunities for suppliers and distributors of building and home improvement products, and considers future trends.

Key issues covered in the report:

- Overall market for household developments tailed - number of developments granted, regional breakdown, legislation and key market influences.
- Types of building extension - single, double storey, other (e.g. loft, basement) including industrial distributors, specialists and direct.
- Analysis by product group - kitchen, bathrooms, other key building materials.
- Forecasts of market developments up to 2021.

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**Water Analysis Instrumentation**

Published by Global Industry Analysts, Inc.  
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Price  
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This report analyzes the worldwide markets for Water Analysis Instrumentation in US$ by the following Product Segments: Laboratory-based Systems and On-line Systems. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2016 through 2024. Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 74 companies including many key and niche players such as -

- Analytical Technology, Inc.
- Emerson Process Management
- GE Analytical Instruments, Inc.
- Hach Company
- Hanna Instruments, Inc.
- Honeywell Process Solutions
According to Stratistics MRC, the Global Disconnector Switch market is expected to grow from $9.75 billion in 2016 to reach $15.69 billion by 2023 with a CAGR of 7.03%. Some of the driving factors such as rising safety concerns, increase in transmission and distribution network and rapid growth in industrialization and urbanization are fuelling the market. However, low quality products and frequent change in prices of raw materials are some restraints limiting the market growth. On the other hand, growing demand for renewables and power are providing the significant growth opportunities for the market.

By voltage range, low voltage disconnect switch segment leads the global market as these switches are used in many sectors like photovoltaic, commercial applications and power distribution. Based on geography, North America is expected to grow at the highest CAGR over the forecast period due to increase in the renewable power generation.