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Advanced Airport Technologies: Asia-Pacific Markets to 2023

The report covers the market for the following electronic, electro-optical and other modern security technologies used in airports in the Asia-Pacific region: passenger, baggage and cargo handling control systems; airport communications; air/ground traffic management control systems; security, fire protection and other emergency systems; and other technologies

- Passenger, baggage and cargo handling control systems.
- Airport communication.
- Air/ground traffic management control systems.
- Security, fire protection and other emergency services.
- Passenger and baggage handling and control.

This report covers only technologies and equipment that are based at or near an airport. The emphasis is on civil aviation; the military market is not covered in detail.

Airport Information Systems Market by End Use (Passenger, Non-Passenger), Type (Airside, Terminal Side), Airport (Class A, B, C, D), Application (Finance & Operations, Maintenance, Ground Handling, Security), Region - Global Forecast to 2023

The airport information systems market is projected to grow from USD 3.69 billion in 2018 to USD 4.37 million by 2023, at a CAGR of 3.41% from 2018 to 2023. The need to enhance the passenger experience at airports, upgrade the existing airports, and increase the number of greenfield airports are factors expected to lead to the growth of the airport information systems market across the globe. However, the high investment costs involved in the deployment of airport information systems are expected to restrain the growth of the airport information systems market, globally.

"The class B airports segment of the airport information systems market is projected to grow at the highest CAGR during the forecast period."

Based on airport, the class B airports segment of the airport information systems market is projected to grow at the highest CAGR from 2018 to 2023. The growth of the class B airports segment can be attributed to the increased air passenger traffic from small cities, which has led to the requirement for expanding and upgrading airports.

Industrial wastewater treatment equipment comprises the processes used for treating wastewater that is produced by industries. Wastewater treatment equipment helps remove the impurities found in effluents released by the industries.

Technavio’s analysts forecast the global industrial wastewater treatment equipment market to grow at a CAGR of 4.13% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global industrial wastewater treatment equipment market for 2018-2022. To calculate the market size, the report considers the revenue generated from the use of Industrial Wastewater Treatment Equipment in different segments.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio’s report, Global Industrial Wastewater Treatment Equipment Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Solar Water Pumps Market Insights, Forecast to 2025

This report studies the Solar Water Pumps market status and outlook of global and major regions, from angles of players, regions, product and end Application/industries; this report analyzes the top players in global and major regions, and splits the Solar Water Pumps market by product and Application/end industries.

The Solar Water Pumps market was valued at 822 Million USD in 2017 and is projected to reach 1892 Million USD by 2025, at a CAGR of 11% during the forecast period. In this study, 2017 has been considered as the base year and 2018 to 2025 as the forecast period to estimate the market size for Solar Water Pumps. Despite being the third largest regional market for solar pumps after MEA and China, India is anticipated to witness fostered adoption compared to others. As a result, India is expected to be the fastest growing region with an estimated CAGR of over 12.6% during 2017-2025.
The most significant threat is no longer threats to human lives or property from physical attacks—rather, the threat lies in more covert warfare tactics, including cyber-attacks and attacks that can cripple, obstruct, or destroy operations within critical infrastructure facilities, such as utility companies, communications towers, ports, manufacturing facilities, or other critical services. In order to protect critical national infrastructure (CNI) entities from these more sophisticated attacks and ensure proper security postures, the North America Electric Reliability Corporation (NERC) has updated its Critical Infrastructure Protections (CIP) regulations to encourage CNI organizations to improve their security posture; protect their information and operational technology systems, networks, and physical assets; and plan for how to keep their networks and assets secure through a continually advancing technological environment. The NERC-CIP regulations provide specific guidance, requirements, and measures for CNI organizations to follow to protect their current assets, enforce proper security protocols and standards, plan for and respond to any security incidents accordingly, and ensure their assets remain protected from malicious actors.

The market is expected to grow at a CAGR of 5% during 2018-2023, owing to the increase in global air traffic and modernization of airports to facilitate secure and seamless operations. The need for security and improved air traffic management systems are the factors that are also expected to stimulate market growth. The shift towards satellite navigation systems and the technological advancements and innovations provide significant opportunities to grow for the market. The primary purpose of ATC systems is to separate aircraft to prevent collisions, to organise and expedite the flow of traffic, and to provide information and other support for pilots. This service can be performed using ground-based infrastructures for air traffic management and guidance, which is owned by civil aviation authorities and managed by air navigation service providers.

Geographically, North America along with Europe leads the commercial ATC equipment market due to presence of large airports and cohesive government policies in these regions. However, APAC and Middle East are expected to show remarkable growth during the forecast period (2018-2023). Considering the huge investments made in construction and modernization of airports in these regions. Indra Sistemas SA, Intelsat Technosystems Inc., Sierra Nevada Corporation and Thales SA are some of the key players in this market and have been profiled in the report. The vendors in the market compete on the basis of cost, product quality, reliability, and aftermarket service. Mergers and acquisitions, along with increasing collaborations with alliance partners across the globe, is expected to impel the growth prospects for the global market during the forecast period.
**Global Commercial Water Treatment Equipment Market 2018-2022**

Published by TechNavio (Infiniti Research Ltd.)  
Pub. Date 2018/10/01  
Price  
USD 2500 PDF by E-mail (Single User License) ~  
USD 5000 PDF by E-mail (Global license)  
www.giiresearch.com/ce/365976

Commercial water treatment equipment purifies the unclean water and produces clean water that is suitable for different commercial applications like retail, hospitality, education, food service, and other activities. The water for such commercial purposes can be derived from surface or underground (groundwater) sources.

Technavio's analysts forecast the global commercial water treatment equipment market to grow at a CAGR of 5.41% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial water treatment equipment market for 2018-2022. 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

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**Global Housing**

Published by Freedonia Group  
Pub. Date 2018/09/30  
Price  
USD 3500 PDF by E-mail (Single User License) ~  
USD 6100 PDF by E-mail (Corporate License)  
www.giiresearch.com/ce/128456

Features:

- India and China will account for the largest gains in new global housing construction through 2022.
- The Africa/Mideast region is forecast to see the fastest growth in new housing of any major region through 2022.
- Urbanization, population growth, and improved living standards will boost new housing demand worldwide.
- Global housing stock will slightly outpace population growth, as rising income levels support new housing demand.

'Global Housing' addresses the following questions and more:

- Which emerging markets are expected to see the strongest increases in new housing construction activity over the next five years?
- Which housing types are offering the best growth opportunities for developers and builders in each region?
- How will fast-growing urban populations affect homeownership and demand for multifamily housing in developing countries?
The Croatian construction industry's forecast-period (2018-2022) outlook is better than its review-period (2013-2017) performance, with average annual growth in real terms set to accelerate from -0.2% to 2.5%. Government and private sector investment across residential, infrastructure, commercial and energy and utilities construction markets will drive forecast-period growth, as well as improving consumer and investor confidence.

Financial assistance from the European Union (EU) for infrastructure development will support industry growth. Under the European Structural and Investment Funds for 2014-2020, the EU is investing HRK96.6 billion (US$16.8 billion) until 2020 to develop the transport, education, research and innovation and energy sectors, as well as improving the competitiveness of micro, small and medium-sized enterprises (SMEs) and sustainable and quality employment. Furthermore, the EU plans to allocate HRK63.8 billion (US$10.4 billion) under the cohesion policy during 2021-2027. Through this, the government aims to boost the economy by supporting the implementation of transport and energy infrastructure projects, which bodes well for the industry over the forecast period.

Water shortage caused by the intensification of the impacts of climate change, population growth, and accelerated urbanization require immediate action on development of technologies for effective management of water supply and consumption. In addition, aging water infrastructure leads to water loss and increase in non-revenue water. Smart water grid technologies are a promising solution for resolving a growing number of critical global water challenges. The adoption of technologies such as sensors, data analytics, and smart meters in water distribution networks will allow to control water losses and its inefficient use, thus ensuring financial savings. The study focuses on the advantages of adopting smart water grid technologies, integration of information and communication technologies and meters, devices and processes. The study also provides information about latest achievements in the development of water monitoring and control, leakage detection and prevention technologies, as well as smart water metering integrated with ICT.
Global economy will continue to post healthy rates of growth in 2018-2019, and investor confidence will remain buoyant. The expected tightening in monetary policy in major markets in 2018 will start to push up the cost of borrowing, but with interest rates generally at or near historic lows; this process is not expected to have a major impact on construction activity.

Based on the recent research report "Global Construction Outlook to 2022", it is expected that the pace of expansion in the global construction industry will average 3.6% a year over the forecast period (2018-2022) - down slightly compared with 3.7% in the March 2018 forecast update. In real value terms (measured at constant 2017 prices and US$ exchange rates), global construction output is forecast to rise to US$12.7 trillion in 2022, up from US$10.6 trillion in 2017.

The acceleration in growth in global construction output in 2018-2019 is being driven primarily by the pickup in advanced economies, with combined growth in these markets rising to 2.7%, compared to 2.0% in 2017; a reflection of construction activity momentum seen across Western Europe. The region's output will expand by 2.4% a year on average in 2018-2022, improving on the sluggish growth of 1.1% in 2013-2017.
**Distillation Systems Market by Technique (Fractional, Steam, Vacuum, MED), Application (Water Treatment, Food, Beverage, Petroleum, Pharmaceutical, Chemical), Operation (Continuous, Batch), Component, Type, Process, and Region - Global Forecast to 2023**

Increasing demand for distilled spirits, distilled water, and crude oil are creating the demand for distillation systems in the market. Petrochemical refineries and alcoholic beverages are the two dominant application segments of the distillation systems market, for which the growth has increased significantly since the last decade. The scarcity of water is a major factor fueling demand for distillation units globally in the water treatment application. Growth of the manufacturing sector in developing countries is further fueling the distillation systems market growth. However, adoption of alternative technologies due to higher energy consumption in the process is projected to restrain the market growth of distillation systems.

"The column shell segment is estimated to dominate the market in 2018."

The column shell segment is the cost dominant component in the distillation systems due to the use of various expensive materials in the construction and design. Hence, the column shell segment is estimated to dominate the market in 2018. Column shells that are designed to function under the atmospheric pressure are comparatively less expensive than systems with thick column shells that are designed to perform under high pressure. The thickness of the column shell determines the amount of pressure that can be regulated within the system. The chemical industry is among the major consumers of distillation systems with thicker column shells and binary columns. This helps them regulate the chemical compounds under pressure and achieve the desired results.

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**Competitive Landscape in Water: Engineering Procurement & Construction Firm Rankings and Positioning, 2018**

Engineering procurement and construction (EPC) firms play a pivotal role in the decision-making processes for municipal water and wastewater utilities. While their expansive capabilities range, these companies continue to reposition and divest business units in response to changing market dynamics.

Bluefield analyzed the top 30 engineering, procurement and construction firms working in the water sector and looked at their annual water revenues. Included in the revenue totals are design, construction, and environmental activities. In this Data Insight Bluefield analyzes:

- Total EPC revenues per company from 2014 through 2017
- Water Sector EPC competitive positioning
- EPC International Focus
- EPC M&A 2012-2018
- 30+ EPC Company Profiles
Global Airport Handling Services Market 2018-2022

Airport handling services comprise of servicing of the aircraft when it is on the ground and parked at the terminal gate of an airport.

Technavio’s analysts forecast the global airport handling services market to grow at a CAGR of 4.79% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global airport handling services market for 2018-2022. This market research report offers a comprehensive analysis of the market segmentation by service (GSHS, and CHS).

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Airport Handling Services Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Pharmaceutical and Biotechnology Construction Sector Report - UK 2018-2022

The 4th edition of the 'Pharmaceutical & Biotechnology Construction Sector Report - UK 2018-2022' focuses on the market size, value and activity in the Pharmaceutical, Medical Technology, Medical and Industrial Biotechnology sectors in the UK, the key players and geographical areas of manufacturing and R&D concentration.

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Global Railway Maintenance Machinery Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Price
USD 2500 PDF by E-mail (Single user license) ~
USD 5000 PDF by E-mail (Global license)

Railway maintenance machinery is the equipment used for maintenance of railway tracks.

Technavio’s analysts forecast the global railway maintenance machinery market to grow at a CAGR of 9.38% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global railway maintenance machinery market for 2018-2022. This market research report offers a comprehensive analysis of the market segmentation by product (work vehicles, and small equipment)

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

North American Low Pressure Water and Wastewater Membrane Systems Market, Forecast to 2022

Published by Frost & Sullivan

Price
USD 4950 Web Access (Regional License)

The North American market for low pressure membrane systems in water and wastewater applications is poised for consistent growth over the forecast period. Regional issues concerning water scarcity and irregular supply of water have led to a focus on recycling and reuse, which drives investment in wastewater solutions. Membrane systems have also reached a critical mass that makes the technology more comfortable for the mass utility market. The United States is the largest market in the region, and the municipal market is the main driver of market revenues. These positions are not anticipated to change over the forecast period, but growth trajectories are expected to be faster in the smaller industrial market where new applications are being promoted. The core technology in low pressure membrane filtration is fairly mature, which drives market participants to look for new differentiators to provide an edge.
**Infrastructure Insight: East Africa**

Published by GlobalData  
Pub. Date 2018/09/20  
Price  
USD 2995 PDF by E-mail (Single User License)  
USD 8985 PDF by E-mail (Global License)  

East Africa infrastructure industry is expected to grow steadily over the forecast period (2018-2022). There are huge infrastructure upgrades underway across the region in roads, railways and power generation. The total value of the infrastructure construction market in the three largest markets (Ethiopia, Kenya and Tanzania) reached US$25.92 billion in 2017, according to GlobalData, which was significantly up from the US$6.73 billion in 2012. Output is projected to almost double to US$98.82 billion by 2022 (in nominal value terms).

The report provides a detailed analysis of the infrastructure sector in East Africa, including the state of current infrastructure, forecast spending across all key sectors and the major projects in the construction pipeline.

The report covers all key infrastructure sectors: roads, railways, electricity and power, water and sewerage, communication, and airports and ports.

**Key Highlights**

- GlobalData is currently tracking 287 large-scale infrastructure projects in both the public and private sectors at all stages from announcement to execution in East Africa. Collectively, these projects are worth US$209.08 billion.
- In East Africa, the transport (rail and road) and energy sectors account for a large proportion of the project pipeline, making up 37.1% and 45.2% respectively, with project values amounting to US$77.51 billion and US$94.55 billion respectively. Across the Eastern African economies, public private partnerships (PPPs) are funding the majority of projects in the pipeline (51.8%), while 32.8% of tracked projects are publicly funded.

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**Growth Opportunities in the Global Zero Liquid Discharge (ZLD) Systems Market, Forecast to 2024**

Published by Frost & Sullivan  
Pub. Date 2018/09/20  
Price  
USD 4950 Web Access (Regional License)  

Freshwater scarcity is one of the most critical challenges faced by industries, and is posing a major threat to the environment, water security, and economic growth. To meet the demand for freshwater, industries are increasingly employing recovery and wastewater recycling. Compared to conventional wastewater treatment methods, zero liquid discharge (ZLD) is an expensive, yet highly efficient treatment process. It eliminates any toxic liquid waste, and recovers the majority of water for reuse. Furthermore, it maximizes efficiency in water usage, bringing a balance between the use of freshwater and protecting the environment from pollution. The Circular Economy package includes specific proposals to amend the EU's waste legislation, improve waste management practices, stimulate recycling and innovation in materials management, and limit the use of landfilling.
Worldwide Hyperscale Infrastructure Forecast, 2018-2022

Published by IDC  
Price  
USD 8500 PDF by E-mail (Single User License)  
www.giiresearch.com/ce/707413

This IDC study provides a size and forecast for the worldwide hyperscale infrastructure market for 2017-2022. IDC estimates this market, which consists of compute and storage platforms (including software-defined storage [SDS] and compute), to be $25.7 billion in 2017. IDC estimates that this market will grow at a CAGR of 10.1% and reach $41.5 billion in 2022. "Hyperscalers will continue to heavily influence the IT infrastructure industry, both by the scale of their infrastructure investments and with the innovations those investments generate," said Kuba Stolarski, research director, Computing Platforms, Worldwide Infrastructure, at IDC. "The shift to software-defined infrastructure enables hyperscalers to focus on innovation, drive down operational costs, and differentiate based on the uniqueness of their products and services."

Construction in South Korea - Key Trends and Opportunities to 2022

Published by GlobalData  
Price  
USD 1950 PDF by E-mail (Single user license)  
USD 5850 PDF by E-mail (Global License)  
www.giiresearch.com/ce/235674

The South Korean construction industry registered growth of 10.1% and 7.1% in real terms in 2016 and 2017 respectively, following average annual growth of 3.1% during 2013-2015. This increase can be attributed to improvements in business confidence and consumer demand, as well as public and private sector investment in commercial, residential and infrastructure construction projects, leading to an increase in demand for the South Korean construction industry. Additionally, construction related to the 2018 Winter Olympic Games supported the industry's overall growth during 2016-2017.

The industry is expected to expand over the forecast period (2018-2022), albeit at a much slower pace. The industry’s expansion is expected to be supported by the government’s efforts to enhance commercial, energy and utilities infrastructure. In addition, the government’s aim to improve the transport network is expected to support investments in infrastructure projects, which will in turn fuel growth in the industry.

The industry’s output value in real terms is expected to rise at a compound annual growth rate (CAGR) of 1.98% over the forecast period, compared to 5.84% during the review period (2013-2017).
Electric Insulator Market by Type (Ceramic, Glass, and Composite), Voltage (Low, Medium, and High), Category (Bushings), End-User (Utilities, Industries), Application (Transformer, Cables, Busbar), and Region - Global Forecast to 2023

The electric insulator market is projected to reach USD 13.34 billion by 2023, from an estimated USD 10.17 billion in 2018, at a CAGR of 5.58%. This growth can be attributed to the growing adoption of renewable energy sources, increasing investments in T&D networks, and refurbishment of existing grid networks across the globe. However, increasing availability of low-quality gray market products can hinder the growth of the market.

"The composite segment is expected to be the fastest growing market in the electric insulator market from 2018 to 2023."

The composite segment is estimated to be the fastest growing segment the forecast period. Composite insulators consist of silicone rubber housing and sheds, fiberglass core rod and metal end fittings. Composite insulators have certain advantages such as lightweight, improved transmission line aesthetics, less gunshot damage, high shock resistance, and ease of installation. These advantages make composite insulators more suitable over conventional porcelain insulators.

Global Construction Scaffolding Rental Market 2018-2022

Construction scaffolding rental refers to the rental of temporary structures which are used to reinforce the primary structure and support workers to stand and bear equipment when performing construction tasks, maintaining and repairing structures and bridging other infrastructure.

Technavio’s analysts forecast the global construction scaffolding rental market to grow at a CAGR of 5.32% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global construction scaffolding rental market for 2018-2022. This industry research report provides a detailed analysis of the market by application (new construction, refurbishment and demolition), by product (supported, mobile, and suspended), and by end user (non-residential and residential).

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA
Global Water Treatment Chemicals Market Study Report 2014-2025

Published by Prismane Consulting Pvt Ltd

Pub. Date 2018/09/18

USD 5000 PDF (Single User License) ~
USD 7000 PDF (Corporate License)

This market study describes the global Water treatment chemicals market, with focus on major countries and their subsequent demand for different applications. The study covers demand analysis for regions like North America, Western Europe, Central & Eastern Europe, Central & South America, Asia-Pacific and Middle East & Africa and major countries like the U.S., Canada, Mexico, Germany, France, Italy, UK, Spain, China, Japan, India, South Korea, Russia and Turkey. The market is segmented mainly according to the applications of oil & gas, chemicals manufacturing, municipal, mining, electric power generation, pulp & paper and others. Water treatment chemicals Market data in term of volume and value for each application at regional and country level will be provided.

- Water treatment chemicals Market analysis for demand at regional and country level.
- Business opportunity assessment.
- Macro-economic factors like GDP, population and world economic integration.
- Strategic issues and recommendations.

Public-Private Partnerships in Infrastructure - Latin America

Published by Bluefield Research

Pub. Date 2018/09/17

USD 1250 PDF by E-mail (Enterprise License)

This Market Insight covers the policies and economics of PPPs in Latin America. Bluefield provides an in-depth view of the PPP landscape in each country, with particular focus on the largest markets including Argentina, Brazil, Chile, Colombia, and Mexico.

Recent PPP projects are profiled and are broken down into desalination, water, wastewater, utility, conveyance and dam projects. Bluefield provides a profile of project sponsors, including companies Veolia, Acciona, and Mitsui and analyzes implications of recent elections and government actions within Latin America

- Acciona
- Aguas de Barcelona
- Atlatec
- BKT
- Brookfield
- China Comm. And Construction
- Corporación Andina de Fomento
- Grupo INASSA...
- AEGEA
- Aqualia
- Ayesa
- BRK Ambiental
- CGGC
- Companhia de Saneamento do Norte
- FCC Aqualia
SUEZ Water Strategy Breakdown: Integrating its Portfolio of Industrial Solutions

Published by Bluefield Research
Price
USD 1250 PDF by E-mail (Enterprise License)

This Company Insight provides an in-depth look at Suez's finances, recent acquisitions, and positioning in the global water market amongst its peers.

Suez is the second largest water services provider by revenues, globally, behind Veolia. The Paris-based company has a long track record in providing water, wastewater, and stormwater solutions, including municipal service concessions, operations and maintenance contracts, and industrial water management services.

In this Company Insight, Bluefield water experts analyze:

- Suez Business Profile
- Competitive Positioning and M&A
- Industrial Water Products and Positions

North America and Europe High Pressure Laminates 2000-2018

Published by QYResearch
Price
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This report studies the High Pressure Laminates market status and outlook of North America and Europe and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in North America and Europe and major countries, and splits the High Pressure Laminates market by product type and applications/end industries.

The report provides a basic overview of the High Pressure Laminates industry including definitions, classifications, applications and industry chain structure.

Then, the report focuses on North America and Europe major leading industry players with information such as company profiles, product picture and specifications, sales, market share and contact information. What's more, the High Pressure Laminates industry development trends and marketing channels are analyzed.
**Oil and Gas Pipelines Industry Outlook in Former Soviet Union to 2022 - Capacity and Capital Expenditure Forecasts with Details of All Operating and Planned Pipelines**

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"Oil and Gas Pipelines Industry Outlook in Former Soviet Union to 2022 - Capacity and Capital Expenditure Forecasts with Details of All Operating and Planned Pipelines", is a comprehensive report on major, trunk oil and gas pipelines industry in Former Soviet Union. The report provides key pipeline details for major active, planned, announced and suspended pipelines in the region. The details provided include pipeline/pipeline system name, operator name, start year, start point, end point, status, length, capacity and diameter for major, trunk crude oil, petroleum products, and natural gas pipelines across the Former Soviet Union by country and by region. The report also provides capital expenditure outlook by key countries, year on year, from 2018 to 2022. The report further provides key country comparisons within a region, based on contribution to total pipeline length. The report also offers recent developments and latest awarded contracts at country level, wherever available.

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**Innovyze Strategy Breakdown: The Growth Strategy of a Smart Water Pure Play**

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This Company Insight, which draws from Bluefield's 'Digital Water Insight Service', analyzes MWH Soft’s growth story - the origin of Innovyze - in the water sector. Bluefield analysts provide insight into how, when and why key decisions were made that collectively enabled Innovyze to sustain a remarkable run of growth and profitability, while documenting the key deals which have led to the consolidated market we see today.

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According to "South America Stormwater Management Market By Tool, By Application, By Country, Competition Forecast & Opportunities, 2013 - 2023" stormwater management market is projected to reach $1.32 billion by 2023, on the back of increasing number of intense floods and storms across the region. Rising urbanization, technological advancements and growing investments towards water infrastructure and management systems are some of the other key factors expected to drive the region’s stormwater management market in the coming years. Moreover, growth in the market is anticipated to be driven by shift in government focus towards the adoption of advanced water management systems as compared to traditional wastewater and water management systems across the region. Some of the major players operating in the South America stormwater management market are Contech Engineered Solutions LLC, Forterra Inc., Advanced Drainage Systems, Inc., Campbell Scientific do Brasil ltda, Ecosol PTY Ltd., Hydro International, Old Castle Precast, Inc., ACQUA SYSTEMS, StromTrap LLC, Suntree Technologies Inc., etc.

Asia-Pacific Stormwater Management Market By Tool (Grassed Swales, Rain Gardens, Pervious Pavement, Green Roofs & Others), By Application (Municipal, Commercial & Industrial), By Country, Competition Forecast & Opportunities, 2013 - 2023

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According to "Asia-Pacific Stormwater Management Market By Tool, By Application, By Country, Competition Forecast & Opportunities, 2013 - 2023" stormwater management market is projected to reach $1.90 billion by 2023, on the back of growing urbanization and increasing number of intense floods and storms across the region. Continuous deforestation is resulting in increased run-off and floods, which is expected to drive the implementation of stormwater management for efficient water management. Moreover, technological advancements, growing investments towards water infrastructure and management systems and increasing government focus towards the adoption of advanced water management systems as compared to traditional wastewater and water management systems are likely to fuel the Asia-Pacific stormwater management market over the coming years. Some of the major players operating in the Asia Pacific stormwater management market are Contech Engineered Solutions LLC, Forterra Inc., Advanced Drainage Systems, Inc., Resource Environmental Solutions, LLC, Ecosol PTY Ltd., Hydro International, Old Castle Precast, Inc., UCL WATER TECHNOLOGY (HK) LTD., StromTrap LLC, Suntree Technologies Inc., etc.
Middle East & Africa Stormwater Management Market By Tool (Grassed Swales, Rain Gardens, Pervious Pavement, Green Roofs & Others), By Application (Municipal, Commercial & Industrial), By Country, Competition Forecast & Opportunities, 2013 - 2023

According to "Middle East & Africa Stormwater Management Market By Tool, By Application, By Country, Competition Forecast & Opportunities, 2013 - 2023" stormwater management market is projected to reach $730 million by 2023. Growth in the market is expected to be driven by technological advancements, rising urbanization and increasing number of natural disasters such as intense floods and heavy rainfalls in Africa. Due to increase in water contamination levels, concerns regarding the quality of food have also grown. This in addition to increasing preference for advanced water management systems and growing investments towards water infrastructure and management systems are anticipated to positively influence the region's stormwater management market during the forecast period. Some of the major players operating in the Middle East & Africa stormwater management market are Burns & McDonnell Engineering Company, Inc., Forterra Inc., Advanced Drainage Systems, Inc., Green Consulting L.L.C, Ecosol PTY Ltd., Hydro International, Old Castle Precast, Inc., AquaShield, Inc., StromTrap LLC, Suntree Technologies Inc., etc.

North America Stormwater Management Market By Tool (Grassed Swales, Rain Gardens, Pervious Pavement, Green Roofs & Others), By Application (Municipal, Commercial & Industrial), By Country, Competition Forecast & Opportunities, 2013 - 2023

According to "North America Stormwater Management Market By Tool, By Application, By Country, Competition Forecast & Opportunities, 2013 - 2023" stormwater management market is projected to grow at a CAGR of around 9% by 2023. Backed by technological developments, increasing number of hurricanes and typhoons, and shift in government focus towards the adoption of advanced water management systems as compared to traditional wastewater and water management systems, stormwater management market in the region is expected to register strong growth during the forecast period. Some of the other factors that would drive the implementation of stormwater management are increasing number of landslides due to heavy storm, snow and rainfall coupled with growing investments towards water infrastructure and management systems across the region. Some of the major players operating in North America stormwater management market are ConTech Engineered Solutions LLC, Forterra Inc., Advanced Drainage Systems, Inc., Resource Environmental Solutions, LLC, Ecosol PTY Ltd., Hydro International, Old Castle Precast, Inc., AquaShield, Inc., StromTrap LLC, Suntree Technologies Inc., etc.
Europe Stormwater Management Market By Tool (Grassed Swales, Rain Gardens, Pervious Pavement, Green Roofs & Others), By Application (Municipal, Commercial & Industrial), By Country, Competition Forecast & Opportunities, 2013 - 2023

According to “Europe Stormwater Management Market By Tool, By Application, By Country, Competition Forecast & Opportunities, 2013 - 2023” stormwater management market is projected to reach $3.7 billion by 2023, backed by increasing number of intense floods and storms across the region. Declining freshwater sources, heavy snowfall and rainfall, and rising urbanization are expected to drive the implementation of stormwater management for efficient water management in the coming years. Moreover, increasing adoption of advanced water management systems, growing investments towards water infrastructure and management systems, technological developments and government initiatives towards increasing awareness about repercussion of storm would fuel the Europe stormwater management market during the forecast period. Some of the major players operating in the Europe stormwater management market are Emscher Wassertechnik GmbH, Forterra Inc., Advanced Drainage Systems, Inc., Resource Environmental Solutions, LLC, Ecosol PTY Ltd., Hydro International, Old Castle Precast, Inc., SUSTAINABLE DRAINAGE SYSTEMS, LTD., StromTrap LLC, Suntree Technologies Inc., etc.

U.S. Municipal Utility Operating Expenditure (OPEX) Forecast, 2018-2027

Public spending on U.S. municipal water and wastewater systems has climbed steadily over time, driven by rising labor costs, increasing material prices, and growing demand to maintain aging, less efficient, networks and plants. The impact has been an increase in annual operating expenditures (OPEX) by 57% since 1990, reaching a current US$79 billion per year. This Data Insight provides a forecast of the municipal water utility landscape in the U.S. over the next ten years. Operating expenditures are broken down by a regional and state-by-state basis, providing an in-depth look at both historical and projected expenditures. Bluefield surveyed the financial reporting data of 70 major U.S. utilities, including at least one in each of the 50 states to track operating expenses and trends for water and wastewater utilities.
Water and Wastewater Treatment Technologies: Global Markets

The global market for water and wastewater technologies reached $64.4 billion in 2018 and should reach $83.0 billion by 2023, at a compound annual growth rate (CAGR) of 5.2% for the period of 2018-2023.

Delivery equipment market for water and wastewater technologies reached $27.3 billion in 2018 and should reach nearly $35.3 billion by 2023 at a CAGR of 5.3% through 2023.

Instrumentation market for water and wastewater technologies reached $11.3 billion in 2018 and should reach nearly $14.8 billion by 2023 at a CAGR of 5.4% through 2023.

Report Scope:

This study evaluated the demand for 11 generic types of products commonly used by owners and operators of water and wastewater treatment facilities in 136 countries. The report covers the overview of the global and regional market of water and wastewater technologies and analyses of global market trends, with market data for 2017 (base year), 2018 and forecast for 2023 with projection of CAGR during 2018-2023.

Electricity Transmission and Distribution Database, 2018

The database is the main focus of the product and as such contains the important forecast information and current figures. The database consists of 1 Global Data Summary and 9 individual Region Microsoft® Excel (.xlsx) files.

Global Data Summary

The Global Data Summary file contains three tabs:

- Annual Demand
- Line Lengths
- Capex

The Annual Demand tab shows a regional and by-country overview of the annual demand 2017 actual figures and forecasts for 2018-2022 in 2017 United States Dollars (USD) as broken down into the 9 sectors defined by NRG Expert: Transformers, Power Systems, Utility Automation, Cables, Switchgear, Sub-Stations, Towers, Insulators, and Meters. Scroll right in the spreadsheet to access all sectors.

The Line Lengths tab gives a global overview of the total installed line lengths in both the Transmission and Distribution categories separately. The year 2017 shows actual figures with forecasts from 2018-2022.
Oil and Gas Pipelines Industry Outlook in Africa to 2022 - Capacity and Capital Expenditure Forecasts with Details of All Operating and Planned Pipelines

Published by GlobalData

Price
USD 5000 PDF by E-mail (Single user license) ~
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"Oil and Gas Pipelines Industry Outlook in Africa to 2022 - Capacity and Capital Expenditure Forecasts with Details of All Operating and Planned Pipelines", is a comprehensive report on major, trunk oil and gas pipelines industry in Africa. The report provides key pipeline details for major active, planned, announced and suspended pipelines in the region. The details provided include pipeline/pipeline system name, operator name, start year, start point, end point, status, length, capacity and diameter for major, trunk crude oil, petroleum products, and natural gas pipelines across Africa by country and by region. The report also provides capital expenditure outlook by key countries, year on year, from 2018 to 2022. The report further provides key country comparisons within a region, based on contribution to total pipeline length. The report also offers recent developments and latest awarded contracts at country level.

Scope

- Updated information on all active and planned crude oil, petroleum products and natural gas pipelines in Africa
- Provides key details such as operator name, start year, start point, end point, location, length, diameter and capacity for all active and planned crude oil, petroleum products and natural gas pipelines to 2022
- Provides capital expenditure outlook by year and by key countries for planned oil and gas pipelines till 2022
- Latest developments and contracts related to oil and gas pipeline industry at the country level.
"Oil and Gas Pipelines Industry Outlook in Middle East to 2022 - Capacity and Capital Expenditure Forecasts with Details of All Operating and Planned Pipelines", is a comprehensive report on major, trunk oil and gas pipelines industry in the region. The report provides key pipeline details for major active, planned, announced and suspended pipelines in the Middle East. The details provided include pipeline/pipeline system name, operator name, start year, start point, end point, status, length, capacity and diameter for major, trunk crude oil, petroleum products, and natural gas pipelines across the Middle East by country and by region. The report also provides capital expenditure outlook by key countries, year on year, from 2018 to 2022. The report further provides key country comparisons within a region, based on contribution to total pipeline length. The report also offers recent developments and latest awarded contracts at country level.

Scope

- Updated information on all active and planned crude oil, petroleum products and natural gas pipelines in the Middle East
- Provides key details such as operator name, start year, start point, end point, location, length, diameter and capacity for all active and planned crude oil, petroleum products and natural gas pipelines to 2022
- Provides capital expenditure outlook by year and by key countries for planned oil and gas pipelines till 2022
- Latest developments and contracts related to oil and gas pipeline industry at the country level.
Global Railway Tie Supply Market 2018-2022

A railway tie is a vital component of the railway track infrastructure. Railway ties are often used to maintain the standardized distance of gauge between rail tracks by holding rails upright.

Technavio’s analysts forecast the global railway tie supply market to grow at a CAGR of 3.34% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global railway tie supply market for 2018-2022. To calculate the market size, the report considers the revenue generated from the supply of railway ties made from different materials.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio’s report, Global Railway Tie Supply Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.
Power is generated, transmitted, and distributed as alternating current (AC), and generally, power is also consumed as AC. However, when transmitting power over long distances such as from an offshore wind farm, an AC line would be uneconomical due to the high-power losses that such transmission involves.

Technavio’s analysts forecast the global HVDC converter stations market to grow at a CAGR of 20.56% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global HVDC converter stations market for 2018-2022. 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA
**Global Desalination Plants Industry Research Report, Growth Trends and Competitive Analysis 2018-2025**

Published by QYResearch

Price
- USD 5600 PDF by E-mail (Single User License) ~
- USD 11200 PDF by E-mail (Enterprise Wide License)

This study focuses on the production side and consumption side of Desalination Plants, presents the global Desalination Plants market size by manufacturers, regions, type and application, history breakdown data from 2013 to 2018, and forecast to 2025.

In terms of production side, this report researches the Desalination Plants capacity, production, value, ex-factory price, growth rate, market share for major manufacturers, regions (or countries) and product type.

In terms of consumption side, this report focuses on the consumption of Desalination Plants by regions and application. The key regions like North America, Europe, Asia-Pacific, Central & South America, Middle East and Africa etc.

Desalination is a process that extracts mineral components from saline water.

Rising shortage of potable water has been one of the primary factors driving the global water desalination market. As fresh water reserves are depleting fast, there are several initiatives being undertaken by regulatory bodies to install desalination plants to cover the supply-demand gap.

The Desalination Plants market was valued at xx Million US$ in 2017 and is projected to reach xx Million US$ by 2025, at a CAGR of xx% during the forecast period. In this study, 2017 has been considered as the base year and 2018 to 2025 as the forecast period to estimate the market size for Desalination Plants.

**Global Market Study on Piling Equipment and Supplies: Growing Construction Activities and Increasing Demand for Piling Rigs to Augment Revenue Growth Through 2026**

Published by Persistence Market Research

Price
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- USD 10600 PDF by E-mail (Corporate User License)

Persistence Market Research, in its report titled "Piling Equipment and Supplies Market: Global Industry Analysis 2013-2017 and Forecast 2018-2026", offers detailed insights and in-depth research on the Piling Equipment and Supplies market for an 8-year forecast period, i.e. 2018 - 2026. The report covers the important factors driving the growth of the Piling Equipment and Supplies market, untapped opportunities for Piling Equipment and Supplies manufacturers, trends and developments shaping the dynamics of the Piling Equipment and Supplies market and other insights across various key segments.

The report identifies the drivers and restraints affecting the growth of the Piling Equipment and Supplies market. Changing trends have also been analysed and incorporated in this Piling Equipment and Supplies report to equip the client with exhaustive information about the Piling Equipment and Supplies market. Macroeconomic factors that directly and indirectly affect the growth of the Piling Equipment and Supplies market have also been incorporated in the report.
Global Data Center Construction Market 2018-2022

Data center construction refers to a set of processes used to physically construct a data center facility.

Technavio’s analysts forecast the Global Data Center Construction Market to grow at a CAGR of 11.02% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global data center construction market. To calculate the market size, the report considers the revenue generated from the construction of data center facilities.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio’s report, Global Data Center Construction Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Nonresidential Prefabricated Building Systems

This report analyzes the worldwide markets for Nonresidential Prefabricated Building Systems in US$ by the following Product Segments: Metal Building Systems, Modular Building Systems, Panelized Precast Concrete Systems, and Other Prefabricated Building 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 211 companies including many key and niche players such as -

- Alan Pre-Fab Building Corp.
- Algeco Scotsman, Inc.
- ALHO Systembau GmbH
- Allied Modular Building Systems, Inc.
- Brytex Building Systems, Inc.
- Butler Manufacturing Company, Inc.
Repair Construction - Global Market Outlook (2017-2026)

According to Stratistics MRC, the Global Repair Construction Market is expected to grow at a CAGR of 10.2% during the forecast period. The market growth is triggered due to the increase in the remodelling and the repairing activities happening around the world. Finding skilled and efficient labour, raw material cost and the additional expenditure to break and make are some of the factors hampering the market.

Repair construction is the process of refining or enhancing a construction to stay strong and in good condition. The repair for a construction is necessary to avoid risks such as collapsing. In many situations repairs are even made to preserve the original beauty and texture of the construction. The repairs in constructions have become so common due to the early decoration of the construction sites.

By application, residential application segment has a prominent effect on the global repair construction market. The residential repair industry is triggered due to high in number of existing home sales, increasing consumer expenses, urbanization, and rising middle class population all over the world.

Growth Opportunities for Composites in the Global Mass Transportation and Off Road Equipment Market

The future of composite materials in the global mass transportation and off road equipment market looks promising with opportunities in exterior, interior, under the hood, electrical components, powertrain and other applications. The global market of composite materials in mass transportation and off road equipment is expected to reach an estimated $1.0 billion by 2023 and it is forecast to grow at a CAGR of 4.6% from 2018 to 2023. The global composites end product market for mass transportation and off road equipment is expected to reach an estimated $2.8 billion by 2023. The major driver for growth in this market is increasing demand for lightweight materials over steel in heavy trucks, buses, and coaches due to government regulations to increase fuel efficiency and reduce carbon emission.

Emerging trend, which has a direct impact on the dynamics of composites in mass transportation and off road equipment industry, include development of low density SMC material.

Published by Mordor Intelligence LLP

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The Airport Security Market is expected to register a CAGR of 9.3% during the forecast period, 2018 - 2023. The increasing security rules and regulations at the airports worldwide coupled with the increasing investments in Airport Construction is expected to drive the market.

Increasing Security Rules and Regulations at the Airports Worldwide

The rise in the number of terrorist threats as well as the rise in the number of attacks carried out at airports in the recent years has highlighted the urgent need for increased security measures. Since 9/11, five terrorist attack attempts on the US airlines and airports have made airport security a continued priority for various government officials worldwide. Issuing of the Aviation and Transportation Security Act after the 9/11 attacks led to the creation of the Transport Security Administration and had federal employees put in charge of airport screening. Moreover, during the past few years, various airports around the world have witnessed significant development regarding airport security. Furthermore, the TSA during the past few years have implemented various changes to airport security measures with the inclusion of metal detectors for passengers, x-ray screening checks for carry-on bags as well as screening for explosives in checked in bags.

Desalination Technologies

Published by Global Industry Analysts, Inc.

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USD 16800 PDF by E-mail (Global License to Company and its Fully-owned Subsidiaries)

www.giiresearch.com/ce/305462

This report analyzes the worldwide markets for Desalination Technologies in US$ Million by the following Technology Segments: Multi-Stage Flash, Multi-Effect Distillation, Reverse Osmosis, and Others. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle-East/ Africa, and Latin America. Annual estimates and forecasts are provided for the period 2013 through 2020. Also, a seven-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 57 companies including many key and niche players such as -

• Abengoa SA
• ACCIONA SA
• Aqualyx AS
• Dow Water & Process Solutions
• Evoqua Water Technologies LLC
The market for aviation infrastructure market is anticipated to witness a CAGR of about 7% during the forecast period. The increase in the expansion plans for existing airports, as well as the growing demand regarding construction of smart airports, are some of the factors which shall drive the market in the coming years.

The booming aviation sector, as well as the rise in the number of air travelers, in the present scenario, have led to various airport operators coming up with newer expansion plans and strategies, to accommodate the growing number of passengers. Furthermore, in the present scenario, the airport operators are facing immense challenges related to airport expansion. The ever-increasing number of air travelers are leading the airport operators seeking out the various unused land, constructing new airports to cope up with the rising demand. Moreover, the growing aviation industry has led to the development of various advanced technologies to provide the necessary support for the smooth functioning of the airport. Different new construction plans, such as smart airports has been witnessed in the present scenario. Moreover, various technologies, such as beacon technology, facial recognition systems, as well as air traffic management software have helped in maintaining smooth operations at the airport.

The Global Hyperloop technology is expected to grow at fast rate over the forecast period. This technology was introduced by SpaceX and Tesla. This technology has a system of tubes or pods which allow for free frictionless movement, without any air resistance of passengers and goods, thus optimizing the overall travel time for the passengers. These Pods float within the tubes above the rail line and further being pushed by electromagnets. Vactrain method is used to remove external effects, which magnetically take off the transportation system in evacuated or partly evacuated tubes which allows the mode of transportation to speed up to thousands of miles per hour. Once the pod reaches 100 miles glide it will run without requiring any external energy.

Factors Which Are Driving the Hyperloop Technology Market

Increase in demand for faster transportation mode has driven the hyperloop technology market growth. Moreover, low cost of the transportation technology as compared to other transportation modes like road, water, and rail, and its energy-efficient & environment-friendly nature fuel the growth of the market. These factors are expected to have a positive impact on the growth of global hyperloop technology market during the forecast period.
Global flocculants and coagulants market is projected to reach $14,225.3 million by 2023, the market growth is driven by stringent government regulations and growing concern of waterborne diseases.

Based on type, the flocculants and coagulants market is categorized into coagulants and flocculants. Flocculants is expected to be the faster type in the market, advancing at a CAGR of 5.1% during the forecast period, in terms of volume. The faster growth of the type is attributable to the growing demand of flocculants from the paper and pulp, and food and beverage industry.

In the flocculants and coagulants market, flocculants are further categorized into anionic, cationic, and non-ionic types. Cationic type is expected to be the fastest growing category in the market, during the forecast period, in terms of value. Cationic flocculants are increasingly being utilized in the food and beverage industry for treating waste water and mining applications, driving their demand in the market. Coagulants are further categorized into organic and inorganic types in the market. Inorganic coagulants were the larger type in the market in 2017. The growth of this type can be attributed to its low cost and wide applicability across all end-use industries.
Indonesia road freight transport market is expected to grow due to the increasing governmental efforts to improve the economic condition in Indonesia. Some of the major trends that are driving the growth of the road freight transport in the Indonesian market are relatively young population, increasing disposable income, and a growing e-commerce market. Increasing competition, due to the presence of local and international players, is expected to boost the market growth during the forecast period. The development of road infrastructure in Indonesia is one of the major agendas of the Indonesian government and this is expected to create new opportunities for the freight and logistics firms in the country.

The Domestic Segment is Expected to Boost the Market Growth

The growth of the road freight market in Indonesia is aided by the increasing growth rate of the domestic segment. The increasing demand from within the e-commerce market in the country has fueled the domestic freight and logistics market. The Indonesian government is highly focused on developing domestic road networks to catalyze the road freight market in the country. The government is gearing up to improve connectivity across the country with the development of 12 economic corridors. Indonesia is an archipelago with more than 17,000 islands. The larger islands of Java, Sumatra, and Sulawesi have extensive road-dominated internal transport systems, with rail as the secondary mode in Java and Sumatra. The presence of road networks and the increasing government investments for the development of the same are the major factors driving the growth of the domestic segment in the country.
The European rail freight industry is expected to grow at a steady pace during the forecast period. Owing to the growing demand for road freight, the market for rail transport had witnessed a decreasing trend in terms of volume in the period of 2013-2015. The developments in rail infrastructure, the growing demand for cross-border rail trade, and the increased usage of intermodal transport, etc. have driven the market post-2015. For instance, the volume of goods transported by rail in Europe registered 556.9 billion metric ton-km in 2016, which represents a growth of 5.2% compared to that of 2015. However, these figures are far less when compared to the rail freight movement in the United States and the Russian Federation. Even though Europe is a developed region, rail infrastructure development and government support are needed for a reliable and sustainable freight movement.

On the other hand, many European ports are developing strong rail hinterland networks, which are offering tough and strong competition to the road freight transport and services business. For instance, the modal share of hinterland transport by rail is 47% in the port of Hamburg, Germany, compared to the share of 42% by roadways. The volumes for rail freight are relatively high in the port of Rotterdam, but it faces a strong competition from inland waterways.