

Europe Stormwater Management Market By Tools Type (Grassed Swales, Rain Gardens, Pervious Pavement, Green Roofs and Others), By Segment (Stormwater Management Tools, Maintenance Service), By Application (Municipal, Commercial and Industrial), By Country, Competition Forecast & Opportunities, 2018-2028

<https://marketpublishers.com/r/E1B70C0321AEN.html>

Date: September 2023

Pages: 110

Price: US\$ 4,400.00 (Single User License)

ID: E1B70C0321AEN

Abstracts

Europe Stormwater Management market is anticipated to register an impressive CAGR during the forecast period.

Stormwater management means controlling surface runoff. This can be applied in rural areas (e.g., to collect rainwater) but is essential in urban areas where runoff cannot penetrate due to impervious surfaces. The main purpose of traditional stormwater management has been to divert drainage during high peaks. Unfortunately, this only shifts higher water loads. Costs vary by technology and system size. Planning, implementation, operation and maintenance require expertise. Stormwater management plays an important role in maintaining healthy streams, lakes and aquatic life, supporting human use by maintaining the natural water cycle. If rainwater is not properly managed, infiltration can reduce soil regeneration and groundwater recharge.

Growing Demand for Stormwater Management

IoT devices can help with stormwater management by measuring water quality. Not all pollution runoff occurs during dramatic floods, making it difficult to detect. IoT sensors provide researchers with the data they need to understand the environmental impact of stormwater. These collect data on water quality, especially after storms, and indicate

the extent and content of pollution. This information can show which cities are responsible for water pollution and guide action. It shows how pollutants from one area of a city appear in the water of another area and how stormwater runs off. This allows city officials to see where new infrastructure needs to be installed and existing systems need to be improved. Feeding this data into a predictive analytics engine also provides suggestions for improvement.

Traditional green roofs are good at retaining rainwater and can reduce total annual water runoff by about 50%. Plant transpiration and surface evaporation removes water from the roof and convert it to water vapor. This process also cools the building in the summer. Similar to tanks, reservoirs, or other underground gray stormwater management solutions, retention green roofs provide retention. In addition, green containment roofs also provide containment, making these roofs a two-pronged, efficient and financially viable stormwater approach with secondary benefits unmatched by gray stormwater management systems.

The stormwater market continues to grow but has historically been underfunded compared to drinking water and wastewater treatment. In fact, it was boosted by the COVID-19 pandemic. In fact, investments in stormwater are underpinned by construction market dynamics, national infrastructure and spending plans following the COVID-19 pandemic recovery strategy and enhanced enforcement of EU rules and laws. Originally in spring 2020, the UK pledged more than USD490 billion for housing projects, transport and climate change adaptation by 2025, the UK budget increased by a further USD96 million annually in autumn 2021. In addition, Germany's 2030 Federal Transport Infrastructure Plan is looking to invest approx. USD270 billion in the modernization and expansion of road and public transport infrastructure. In France, the water authority has committed USD488 million in investments in stormwater management from 2022 to 2024.

Latest Developments in Europe Stormwater Management Market

A new EU-funded project worth USD372.62 thousand has been launched to produce a feasibility study and a detailed blueprint for the rehabilitation and expansion of the sewage and stormwater network in the municipality of Pljevlja, Montenegro. The project has received support from Western Balkan Investment Framework.

The Clean Oceans Initiative project to reduce ocean plastic pollution and has doubled its commitment to provide USD4 billion) by 2025. In recent years, it has already contributed USD1.7 billion in long-term funding to public and private sector projects that

reduce the release of plastics, microplastics and other wastes into the ocean by improving solid waste management. Projects signed under this initiative have benefited more than 20 million people in Africa, Asia, Latin America and Europe.

Problems for Municipalities

Stormwater is a community challenge that impacts municipalities on both macro and micro levels. From a macroeconomic perspective, most of the local communities that make up a particular watershed are unable to cope with increased runoff on their own and rely on water management districts to develop solutions.

Market Segmentation

Europe Stormwater Management market is segmented into tools type, segment, application, country and competition landscape. Based on tools type, the market is segmented into Grassed Swales, Rain Gardens, Pervious Pavement, Green Roofs and Others. On the basis of Segment, the market is bifurcated into Stormwater Management Tools, and Maintenance Service. Based on application, the market is segmented into Municipal, Commercial and Industrial.

Market Players

Major market players 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, Triton Stormwater Solutions.

Report Scope:

In this report, Europe Stormwater Management Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Europe Stormwater Management Market, By Tools Type:

Grassed Swales

Rain Gardens

Pervious Pavement

Green Roofs

Others

Europe Stormwater Management Market, By Segment:

Stormwater Management Tools

Maintenance Service

Europe Stormwater Management Market, By Application

Municipal

Commercial

Industrial

Europe Stormwater Management Market, By Country:

Germany

France

UK

Italy

Spain

Russia

Finland

Sweden

Denmark

Poland

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Europe Stormwater Management market.

Available Customizations:

Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players.

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