

# WATERUN & D4RUNOFF: Collaborative Innovations for Sustainable Urban Water Management

## WATER MANAGEMENT

### Revolutionising Urban Water Management The WATERUN and D4RUNOFF Partnership

The related initiatives WATERUN and D4RUNOFF tackle the pressing issue of urban water runoff (UWR) contamination. By collaborating with stakeholders to co-create cutting-edge monitoring methods, green infrastructure, and customised modelling tools, WATERUN aims to improve UWR management. By creating state-of-the-art chemical analysis, sensors to identify contaminants of emerging concern (CECs), and AI-assisted systems for real-time monitoring, D4RUNOFF combats pollution. To address the increasing environmental and public health hazards brought on by fast urbanisation and inadequate infrastructure, they collaborate to offer sustainable, affordable solutions for managing UWR and reducing its emissions.

### Bringing together Solutions: A Comprehensive Strategy for Reducing Urban Water Runoff Pollution

Urban water runoff pollution is being addressed by WATERUN and D4RUNOFF using a comprehensive and creative strategy. These projects are creating an extensive structure for efficient pollution mitigation by fusing D4RUNOFF's proficiency in chemical analysis and state-of-the-art technology with WATERUN's emphasis on stakeholder involvement and advanced management techniques. While D4RUNOFF offers innovative techniques to identify and track pollutants using cutting-edge sensors and artificial intelligence, WATERUN supports UWR management plans with co-developed risk-based tools, guaranteeing optimal water quality management and sustainable urban environment solutions.



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### Co-production of a Policy Brief

A policy brief is being actively co-produced by WATERUN and D4RUNOFF in collaboration with STOPUP to educate decision-makers on practical approaches to managing urban runoff. In order to ensure that creative solutions may be successfully applied in urban settings, this cooperative initiative seeks to advance sustainable water quality practices and enhance policy frameworks.

### In conclusion

An important step forward in the fight against urban water runoff contamination is the collaboration between WATERUN and D4RUNOFF. In urban water management, these projects are setting the stage for a sustainable future by fusing complementary strategies and a common dedication to innovation.

### Project Group



WATERUN. Preventing and managing pollution from urban water runoff through the design of data-driven hybrid nature based solutions  
[www.waterun.eu](http://www.waterun.eu)

GA 101060922



D4RUNOFF. aims to develop an innovative methodology to contribute to the implementation of urban water runoff (UWR) management plans in cities based on the Water-Sensitive Urban Design (WSUD) concept. [d4runoff.eu](http://d4runoff.eu)

GA 101060638



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