

GREEN'S TORM

DESIGN AND DEPLOYMENT OF
STORMWATER NATURE-BASED
SOLUTIONS (NBS) FOR A RESILIENT AND
LIVABLE CITY 2024-2026



PROJECT PRESENTATION

Design and Deployment of Stormwater Nature-Based Solutions (NBS) for a Resilient and Livable City

Funded under the 2022 call of Driving Urban Transitions, GreenStorm targets nature-based solutions designed for the management of urban stormwater, such as green roofs, raingardens, infiltration swales, or other green spaces used for temporary runoff detention. The project brings together 14 partners from 5 European countries: Denmark, France, Greece, Italy and Sweden. It is also a platform for dialogue between scientist and urban partitioners.

- **The objective of GreenStorm is to increase the resilience of such solutions to future climate extremes across Europe, but also to enhance their benefits for citizens. The hydrologic and thermal performance of stormwater NBS will be assessed by coupled monitoring and modelling approaches. We will especially focus on the resilience of urban greening in a context where water resource availability, heat and drought can become a challenge for the survival of vegetation. Improved NBS structures, but also pathways for their acceptable implementation in urban areas will be developed based on co-creation workshops with all relevant stakeholders: professionals and citizens.**
- **GreenStorm aims to foster a larger scale implementation of stormwater NBS, in a community engaged approach and with an attention to justice and equity. This will be demonstrated in a real case study in Copenhagen. Feedback from Paris, Athens, Genoa and Östersund, will allow to identify drivers for stormwater NBS upscaling for a diversity of urban and institutional contexts. Potential for widespread implementation of stormwater NBS at large urban catchment scale will be analysed in the 5 partner countries and the hydrologic/hydraulic and thermal benefits will be modelled.**

<https://arceau-idf.fr/en/projects/greenstorm>



EVENTS

DUT Projects kick-off: April, 11-12th, 2024, Brussels

GreenStorm was represented in Brussels, on April, 11-12th, 2024 for the official kick-off of the 48 projects funded in the first DUT call. It is one of the four projects focusing on Nature Based Solutions (NBS) as a means of urban transition.

DUT Kick off Participants



GreenStorm, First General Assembly June, 27-28, 2024, Copenhagen

The first General Assembly of the project, hold in Copenhagen in June, was a great opportunity for partners to get to now each other and engage in fruitful workshops between researchers and practitioners.

Workshop – mapping NBS stakeholders



Visit of the Lundtoftegade case study



For more information on

DUT ACTIVITIES

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Contact us

Marie-Christine Gromaire

marie-christine.gromaire@enpc.fr

Jérémie Sage

jeremie.sage@cerema.fr



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