



# Task 6.6 Buddy System Activities - WEBINAR #7 Summary

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**NBS for Circular Water Systems**

Organized by RINA-C

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## UNALAB CITIES WEBINAR #7

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### NBS for Circular Water Systems

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The 7th UNaLab Buddy System webinar was dedicated to circular water systems, water retention and reuse. It was a public event and included two main contributions:

#### **Reuse and in - situ treatment of grey waters**

*Fabio Masi* Ph.D. Env.Sci., Environmental Chemist Technical Director - R&D Manager @ IRIDRA Srl (IRIDRA <http://www.iredra.com>)

- Insights on successful case studies such as installations in Serengeti National Park (Tanzania) and Beach Resort Marina of Ragusa (Italy)

#### **Rainparks – landscape for rainwater management**

*Andrea Balestrini* Landscape Planner – Head of LAND research Lab (LAND <https://www.landsrl.com>)

- Brief overview on water sensitive design principles
- focus on specific case studies, such as Rainpark in Paderno Dugnano (Milan) and Infiltration Park in Arcore (Monza Brianza)

During the webinar different topics were deepened thanks to the contributions of the speakers and the fruitful exchange of questions and answers between the participants. The main points of discussion were:

- global strategies related to the water cycle in the sustainable development goals and green-blue infrastructure approach in the EU adaptation strategy
- smart circular city of the future
- NBS used for water treatment and integration of water supply, recycling and harvesting grey waters, such as roof installations, green walls
- problems related to salts and chemicals in the grey waters for watering plants
- main challenges and barriers towards the implementation of NBS in cities masterplans
- water sensitive and adaptive design
- selection criteria to choose where to design rainparks in a city
- tips and suggestions for the successful design and installation of NBS in the cities