Co-UDlabs

Webinar on Key findings from Co-UDlabs research and where to access them

Moderator: Dr Iain Naismith, IKT

Tuesday , 11 March 2025, 09:00am – 12:30 CET

Agenda for this morning

Session I - Smart sensing and monitoring in urban drainage

- new technology (sensors, materials, tools) and methods (data, protocols, analysis)
- streamlining digitised, sensorised, and evidence-based decision-making.

Session II Evaluation of assets deterioration in urban drainage systems

- Updated and improved work on pipe defects, monitoring, and rehabilitation,
- Increasing the durability and sustainability of systems
- Addressing ageing, climate change, and disorderly urbanization.

Session III Improving resilience and sustainability in urban drainage solutions

- demonstrating how more efficient, sustainable, and performing urban drainage is essential
- Addressing consequences of pollution, flooding, and urban vulnerability to extreme events.

What is Co-UDlabs?

An **Horizon 2020** project to integrate research and innovation activities in the field of **Urban Drainage Systems (UDS)** and comprises a consortium includes **nine partners** from **seven** European countries:

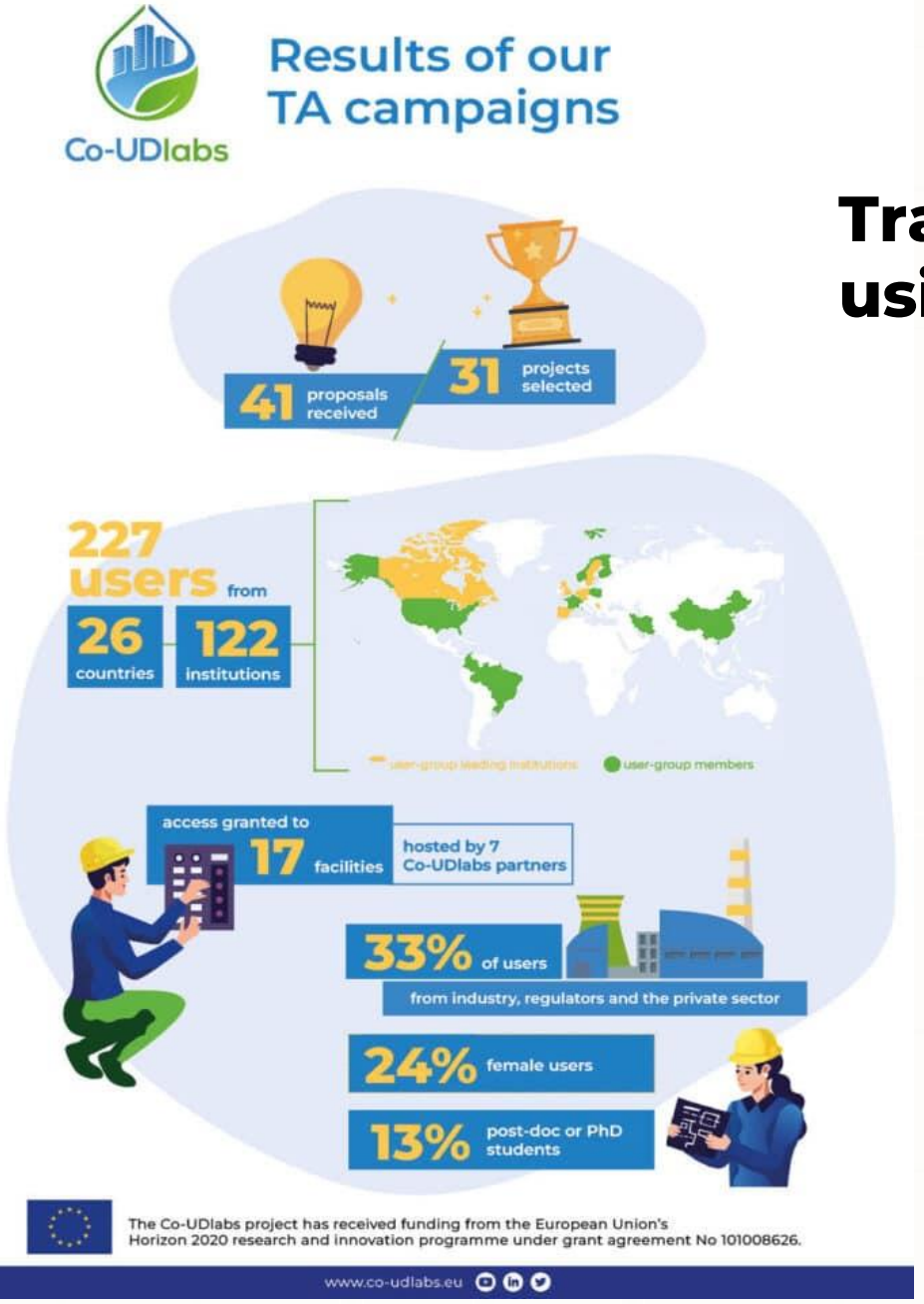
GRAIE
France

Euronovia
France

What is Co-UDlabs?

It has three key goals:

- **Foster a culture of cooperation** through networking activities – NETWORKING ACTIVITIES
- **Facilitate exchange and collaborative research** by offering free-of-charge access to a unique research infrastructure - TRANSNATIONAL ACCESS
- **Strengthen and improve services and venues** available to the urban drainage community via a set of joint research activities: JOINT RESEARCH ACTIVITIES



Trans National Access – 31 projects using our research facilities

Through all 3 TA calls combined, Co-UDlabs has involved 227 user-group members from 26 countries (11 non-EU), led by user-group leaders from 16 countries (5 non-EU).

Going forwards – the UDRAIN working group

IWA/IAHR Joint Committee on Urban Drainage Working Group UDRAIN

First worldwide network of large Research Infrastructures (RI) of urban drainage systems.

- Prepare an **inventory and atlas of large-scale Research Infrastructures** (RI) on urban drainage
- Build a **community of large RI owners** to enhance and uniform practices
- Build a **community of large RI actual and potential users** to share studies and results
- Organise a **congress, webinars and other training** and dissemination activities

  - More information visit: www.co-udlabs.eu