



## Co-UDlabs Hackathon – November 23 and 25, 2021

### Guidelines for Participants

#### Introduction

Co-UDlabs is a Horizon 2020 EU-funded project that is offering free-of-charge Transnational Access (TA) to develop viable, affordable, and innovative ideas to address and solve existing issues and/or research questions that affect urban drainage. The TA will make 17 unique ‘field scale’ research facilities and services available to interested research and development teams and partners. Further information about the [TA call](#) and the [research facilities](#) is available on Co-UDlabs’ website.

Among the supporting activities that Co-UDlabs is organizing to introduce and promote its first global TA call, the **Co-UDlabs Hackathon** aims to help define ‘pre-project proposals’ and create multi-disciplinary, multisectoral teams that can more easily turn into viable TA proposals and user groups. The Hackathon will award the best pre-project proposal with a few-days visit to the requested research facility, so that the contents and methods of the project can be discussed in detail with the facility providers and adapted into an improved TA project proposal. The awarded Hackathon idea will not be given, of course, additional preference or merit when competing for the TA. All proposals for the TA call will have to be duly submitted by January 31, 2022, in accordance with the procedure outlined in the [official TA call documents](#).

Supporting activities such as the Co-UDlabs Hackathon are not mandatory for either establishing contact with Co-UDlabs partners or submitting a TA proposal. Facility providers are available through the [Co-UDlabs contact form](#) to advise users about technical constraints, feasibility or eligibility conditions and provide additional information about specific support. The Hackathon, however, can allow potential applicants to expand the scope of their ideas and partnerships, by discussing potential pathbreaking proposals in a collaborative environment with very diverse expertise.

#### Before the Hackathon

The main goal of the Hackathon is to foster the creation of multi-disciplinary user groups, diverse in their composition and with innovative ‘pre-project’ ideas. To incentivise dialogue and collaboration, we created a *MiroBoard* which is publicly available to all interested participants. It is designed to be the ‘meeting point’ of attendees before the Hackathon. It can be easily accessed as follows:

- **MiroBoard address:** <https://tinyurl.com/CoUDMiro>
- **Password:** @PiV2021

We have designed the MiroBoard with three simple columns:

- **information about the attendees:** participants should add here their name, e-mail address, institutional affiliation, and what they can offer to other users (technology, expertise, equipment). For *individual users*, this should be valuable information to

be contacted by established user groups or other individual users looking to form a team. *Established user groups*, on the other hand, can either share information about their teams and seek support and additional members and contributors, or look for specific skills that they think can improve their team's capacity and ideas.

- **practical problems to be addressed:** this column can provide ideas about current outstanding urban drainage issues and challenges that require a solution, as well as collect innovative ideas and proposals to solve them (or at least begin a conversation about it).
- **scientific research questions:** this column explores the scientific issues, research questions, methodological insight, and technological doubts that attendees may address and help resolve. It is important that the contents of both these columns can be linked to the expertise and skills of *individual users* and *established user groups*, so as to incentive match-making, partnerships, and dialogue.

INFORMATION	PRACTICE	SCIENCE
Leave you name and e-mail address and organisational info (what can you offer)  example	Practical problems to be addressed in Co-UDlabs  example	Scientific questions to be addressed in Co-UDlabs  example

## How to register for the Hackathon

User groups must be registered for the Hackathon to participate. They can simply [fill in this registration form](#) no later than **November 17, 2021**. There they can provide details on the user-group composition, the facility for which they are designing their idea, and a brief description of their initial 'pre-project' proposal. User groups who cannot yet identify a specific facility for the development of their idea, can select more than one.

Registered users will receive the link to connect to the event as well as a PowerPoint/ODP template which they will be required to use for their presentations.

## During the Hackathon

The following agenda is tentative and may be subject to change depending on the groups registered and the facilities requested.

### Day 1 – November 23

#### 09:30-10:00 General introduction to the Co-UDlabs Hackathon

This segment will be an opportunity for the consortium to introduce the Co-UDlabs project and all the steps related to the Hackathon, the TA call, and the development of the project objectives and outcome. This part will

also explain the Hackathon process in detail and address all technical questions from the audience.

**10:00-12:00 Facility providers meetings**

User groups and facility providers will meet in private meeting rooms to discuss about each user group's pre-project proposal. User groups will be informed before the Hackathon of the time of their meeting (or meetings, should they need to meet two or more facilities before selecting their preferred one). The duration of these meetings is set at 30 minutes. Facility providers will advise each user group interested in their installations with respect to technical constraints and feasibility and/or eligibility condition. They will also provide additional information about research facility features and specific scientific support that they can provide.

**13:00-15:00 Facility providers meetings (continued)**

User group-facility meetings can be extended into the afternoon if the amount of requests and submitted 'pre-project' proposals requires it.

**Day 2 – November 25**

**09:30-09:40 Welcoming remarks to the Hackathon Day 2**

**09:40-11:40 Five-minute 'pre-project' presentations**

All user groups will be required to prepare a proposal presentation with only 3 slides:

1. Description of their team and an introduction to the problem/question to be addressed;
2. Methodology to carry out the pre-project (research approach, fitness to Co-UDlabs' framework, scientific novelty, techniques, instrumentation, etc.);
3. Expected results (relevance, impact, potential for end-user application or further development).

Once all user groups have presented their pre-project proposals, they will be able to vote and select what they consider to be the best presentation (one vote per user group).

**11:40-12:00 Conclusions of the hackathon and winner announcement**

A representative of Co-UDlabs will draw the main conclusions of the Hackathon and will announce the user group awarded with a few days visit to the research facility of their choice. This visit will be an opportunity to improve the final project proposal, should the user group be interested in submitting it to the Co-UDlabs TA call. All TA proposals must be received before January 31, 2022, and will be evaluated by an external panel of experts.

Learn more about the Co-UDlabs project: [www.co-udlabs.eu](http://www.co-udlabs.eu)

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This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No. 101008626