

COLLABORATION & COMMUNICATION IN THE DIGITAL AREA



Co-funded by the
Erasmus+ Programme
of the European Union

GREEN  LABS

DECEMBER 15





OBJECTIVES

- ✓ SHARE INTEREST AROUND DIGITAL TOOLS FOR COOPERATION
- ✓ IDENTIFY THE BEST USES OF DIGITAL TECHNOLOGY APPLIED TO GREEN LABS
- ✓ PRESENT THE GREEN LABS DIGITAL PLATFORM

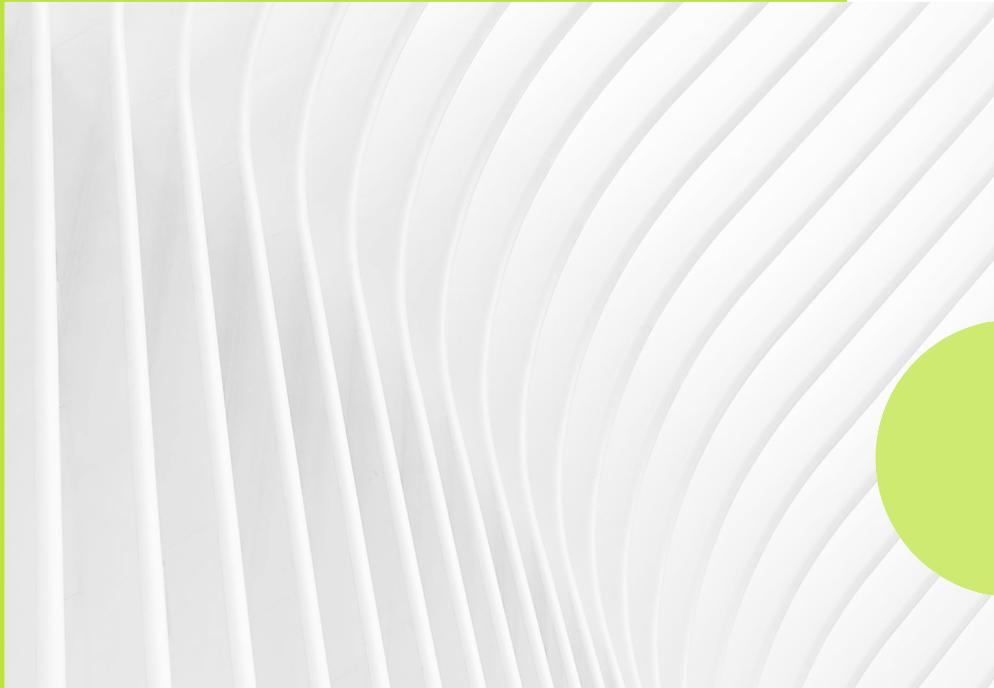


★ Duration: 1 hour

AGENDA

- Why are digital tools essential in green labs?
- What are the different categories of digital tools that can be used in a green lab?
- What digital uses can be shared and recommended?
- What about AI?
- Presentation of the green labs digital platform as a central hub for green labs at EU level

INTRODUCTION



Green labs are **hybrid tools** for cooperation and problem solving with a diversity of shapes, places and stakeholders.

Therefore, using digital tools that are everywhere now in our society is key to facilitating:

- ★ **Collaboration**
- ★ **Data sharing**
- ★ **Co-creation**

DIGITAL TOOLS ARE ESSENTIAL TO:



Integrate remote participation & include more stakeholders

- Foster participation of people in rural areas for example
- Facilitate a glocal approach



Monitor project progress and generates qualitative & quantitative data

- Essential for validating the achievement of objectives and the relevance of tested solutions
- Justify choices of projects and initiatives in relation to others



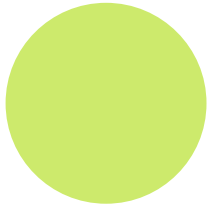
Support innovation processes

- Modernize and optimize businesses
- Automate administrative and operational tasks (management software) or processes (IoT)
- Analyze a large amount of information (AI / big data...)

COMPARISON OF TOOLS

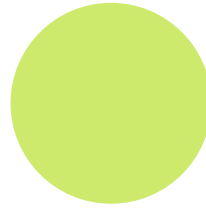
Category	Examples	Benefits	Use case	Risks
Open Source Tools	Nextcloud, Jitsi, Discourse, Mattermost, Framasoft	Customizable, transparent, community driven, control over data	Suitable for public-sector-led Living Labs and those prioritizing data sovereignty	Time to familiarize with the tool, limitations of certain features
GAFAM Tools	Google Drive, Microsoft Teams, Zoom, Facebook Workplace	User-friendly, widely adopted, quick to deploy	Public communication, dissemination, early phases of projects	Vendor lock-in, limited customizability, potential issues with data ethics and privacy

ALIGNMENT ON GREEN LABS VALUES THROUGH ETHICAL USAGE OF AI



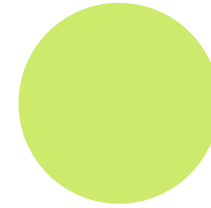
Transparency

- Clear communication on how data is collected, processed, and interpreted



Bias prevention

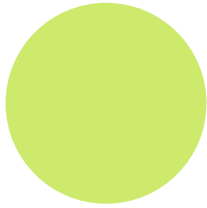
- Inclusive datasets and stakeholder feedback loops



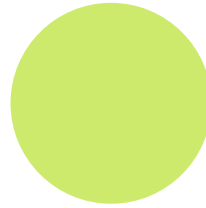
Accountability

- AI outputs must support—not replace—human decision-making

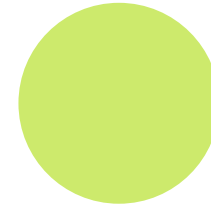
ALIGNMENT ON GREEN LABS VALUES THROUGH OPEN-SOURCE TOOLS



**Modular and
interoperable**

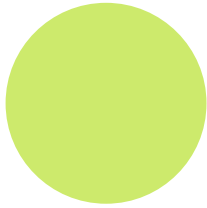


**Maintained by
transparent and
active communities**



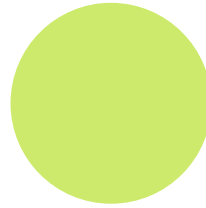
**Aligned with
public interest
missions**

ALIGNMENT ON GREEN LABS VALUES THROUGH DIGITAL INCLUSION



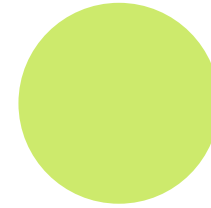
Easy to use apps and digital tools

No need to be familiar with the tool to use it, no need for account creation, apps / tools that can be installed on most interfaces



Ergonomic digital environments

Simple colors, simple typefaces, avoid jargon, use contrasts



Prefer “low tech” digital tools

That are locally hosted and do not need to much developing

➔ Ensure equitable access and participation for all Green Labs’ stakeholders.

DIGITAL PLATFORM FOR THE GREENLABS NETWORK

A dedicated web based digital platform is created to support the development of Green Labs. It will serve as the central hub for:

- ✓ **Stakeholder collaboration across different Living Labs**
- ✓ **Knowledge sharing and best practices**
- ✓ **Digital co-creation and project development**
- ✓ **Monitoring and reporting sustainability impact**



DIGITAL PLATFORM FOR THE GREENLABS NETWORK

You'll find several sections on this platform:

- **Events and news in English** to upload on the shared calendar
- **Relevant resources in English** to upload on the shared resources space. It can be guidelines, articles, videos, synthesis of projects, podcasts
- A **forum** for exchanging ideas with the Green Labs network

Direct link: <https://irfedd.fr/greenlabs/en/>

=> The platform is a tool designed to support the development of any living lab or network of living labs



KEY FEATURES

Panorama of green labs

Profiles of each green lab member of the network

Common agenda

Sharing events, webinars & real-time updates on Living Lab activities

Online forum

To exchange on best practices, difficulties and ideas, enables joint ideas generation and problem-solving

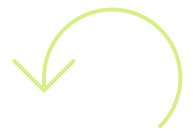
Resources sharing space

Guidelines, best practices, trainings using Digipad space

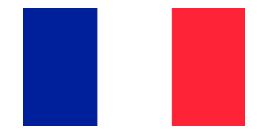
Contact form

Facilitate contact with project partners and local green labs





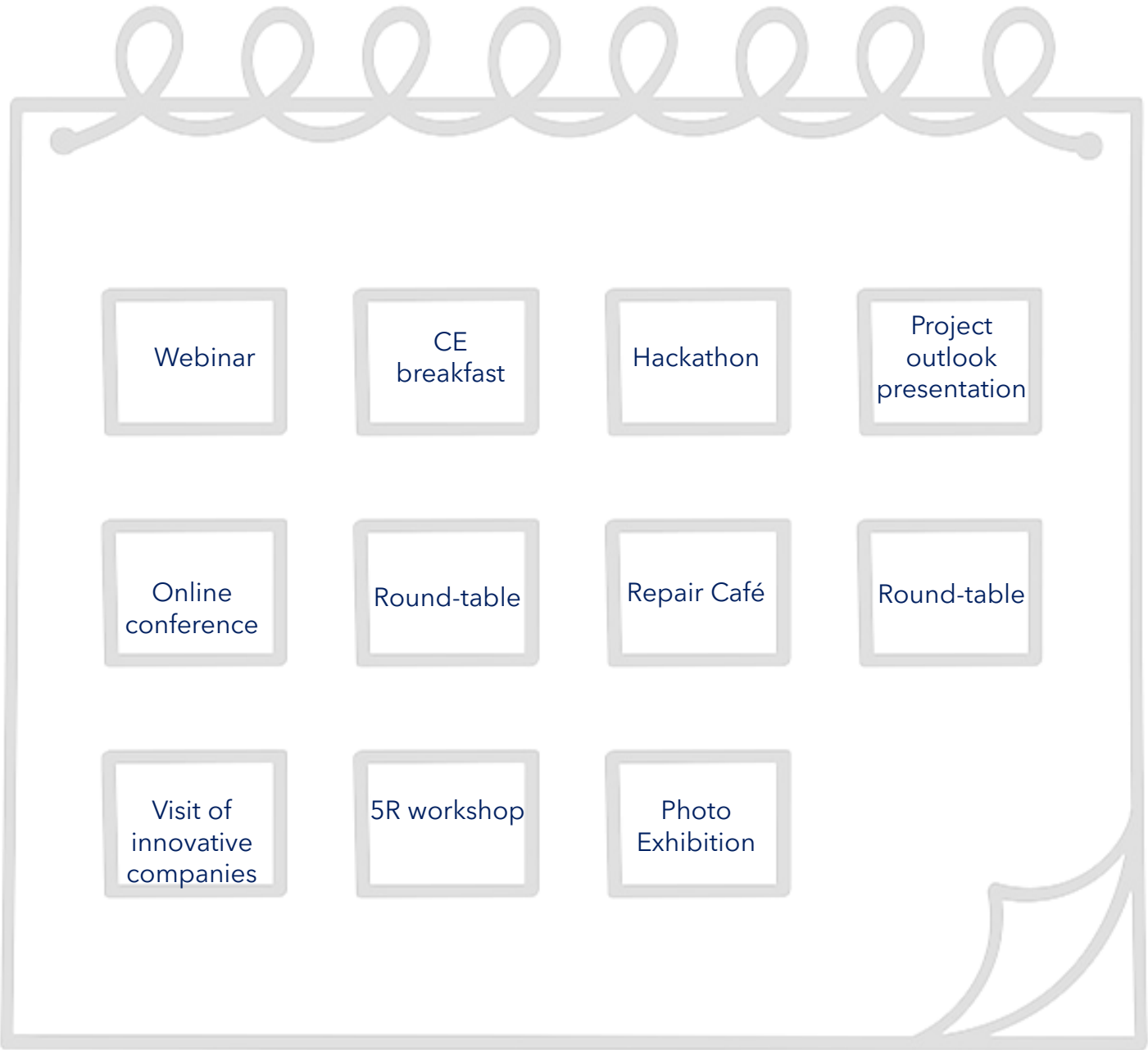
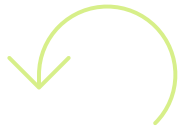
- ★ City: Marseille city-center
- ★ Partners involved: IRFEDD & LICA
- ★ Specific focus areas:
 - ★ Eco-construction & buildings rehabilitation/refurbishment
 - ★ Reuse of construction materials
 - ★ Nature in the city
 - ★ Waste prevention & management
 - ★ Sustainable tourism
- ★ Maturity level: setting-up phase
- ★ Contacts:
 - ★ Lauriane TRAORE
 - ★ Valentine DAVID



News!



SHARED CALENDAR



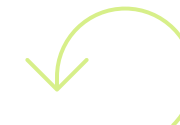
ONLINE FORUM

Who has expertise and feedback on circular construction waste at metropolitan level?

Do you have inputs on urban & peri-urban agriculture systems? We want to involve citizens of our Green labs into this subject but would need some advice.

I share with you very inspiring initiatives on repair activities happening in our city that can be of interest for your local Green Labs!

What about the next EU program on Nature in the City? Are there any members of the network who would like to propose a project in consortium?



Thank you for your participation!

GREEN LABS PROJECT

The GREEN LABS project aims to support and stimulate the green transition by promoting innovation and greening of VET systems through internationalization, exchange of practices, and knowledge sharing among partners, in accordance with the Osnabrück Declaration of 2020 on vocational education and training for sustainable competitiveness, social fairness and resilience.

