ERA-NET COFUND
ICT AGRI FOOD

Reporting Our Progress on

Knowledge Incubator

MINISTERO DELL'AGRICOLTURA
DELLA SOVRANITÀ ALIMENTARE
E DELLE FORESTE

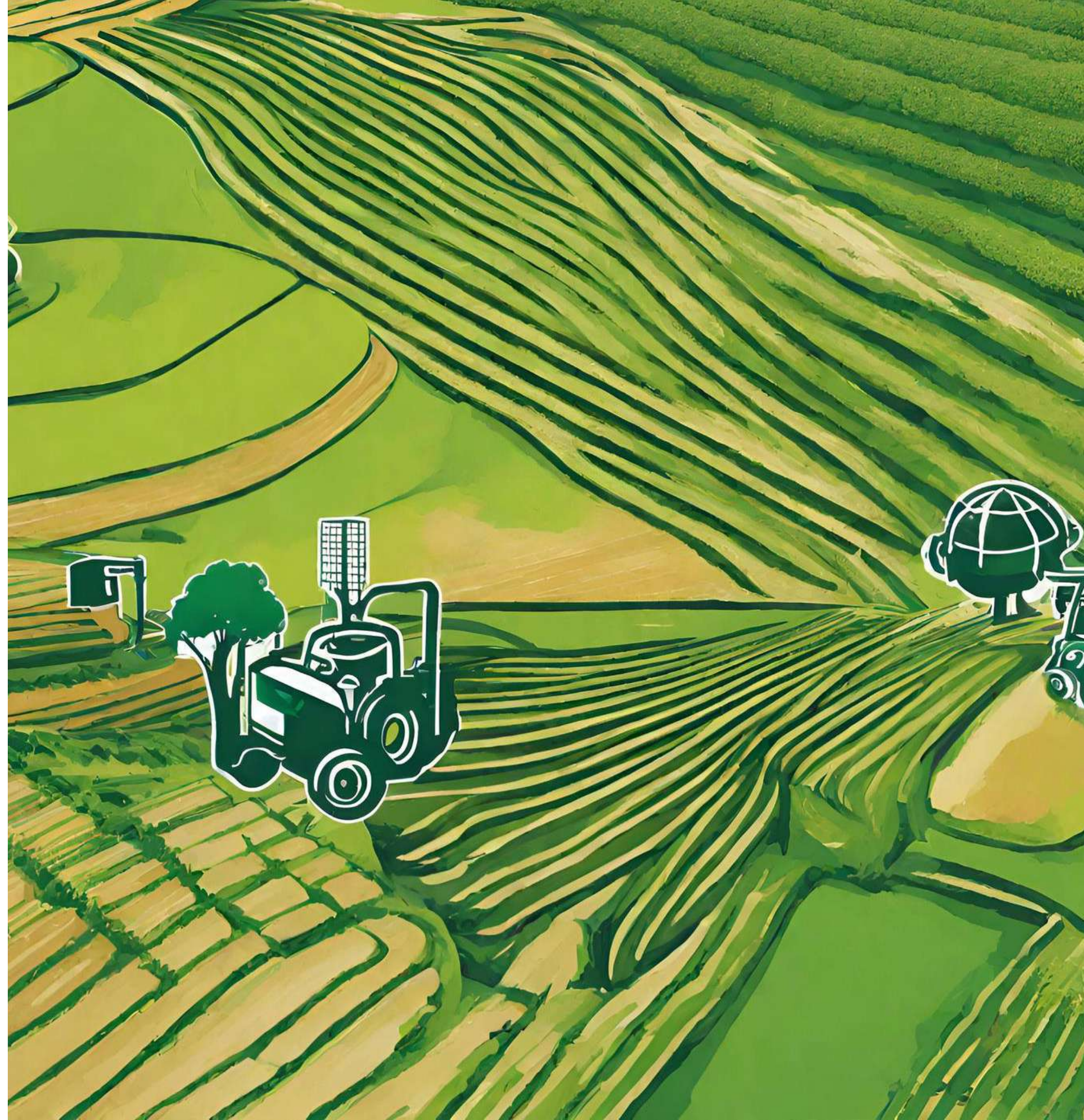Presented by
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Ancy Kollamparambil

Date:
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premises of our argument:

ICT AGRIFOOD

ICT-AGRI-FOOD is an ERA-NET Co-fund that wants to underpin the transition towards **more sustainable and resilient agri-food systems with digital technology, fostering collaboration among European countries.** ICT-AGRI plays a crucial role in guiding research efforts in the rapidly evolving landscape of agricultural technology.

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Part 1:

The challenges

Researchers and Innovations

The use of data and digital technologies in the agrifood sector is a strongly **transdisciplinary field of research,** where expertise in Agronomy, Economics, Social Sciences and ICT Engeneering meet each others.

The TRL can be increased and **commercial products** can be developed **on the basis of research results,** with the support of companies able to develop ready-to-use solutions to be put on the market.

Specific **funders** need to be identified for that phase.

Connect research results and innovation funders

Results of EU and Members State funded research not always reach public and private **funders** interested in the **last stage of innovation development**.

There is a need to **make the agricultural and food systems research** resulting from public fundings **available to ICT companies** that want to develop innovation for the agri-food sector.

Part 2:
The solutions
and the actors

What do these tools have in common?

The Economy of Platforms:

Connect **multiple business**

to combine a set of **goods and services**

to respond to **users' demand**

Rules for access and operation of the service are set by the **platform owner**.

Digital innovation ecosystem

Creating a space of interaction among actors that are active in the process of digitalization of the agri food sector is contributing to build a **digital innovation ecosystem** based on the results of research projects co-funded by European Union and Member State with a multi actor approach.

ERA NET ICT AGRIFOOD, but we are opening it also to other ERA NETworks.

Part 3:

The tool

KNOWLEDGE INCUBATOR PLATFORM

Knowledge Incubator Platform is a tool for **connecting people** and **facilitate interaction** among them.

In particular **researchers of different domains** (ICT, AGRI and FOOD) and **different type of possible funders** (private and public, small and large etc.).

The platform is a **repository and exhibition of innovations**, presented as concrete problems of the agri-food sectors that they are contributing to solve.
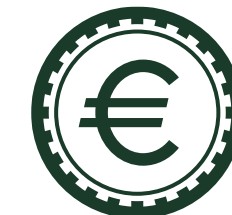
Innovations

Research project A

Research project B

Research project C

Large Winemaking company, potential private funder combine the different innovations

Unlocking Innovation Potential

- Our platform serves as a hub for innovators, researchers, and entrepreneurs to **showcase their projects and ideas**.
- It offers a **collaborative environment** where users can share knowledge, expertise, and resources to **accelerate innovation**.
- One of the key advantages of being part of our platform is the **visibility** it provides to innovators.
- Innovators gain exposure to a **wide audience of stakeholders and potential funders** interested in supporting innovative projects
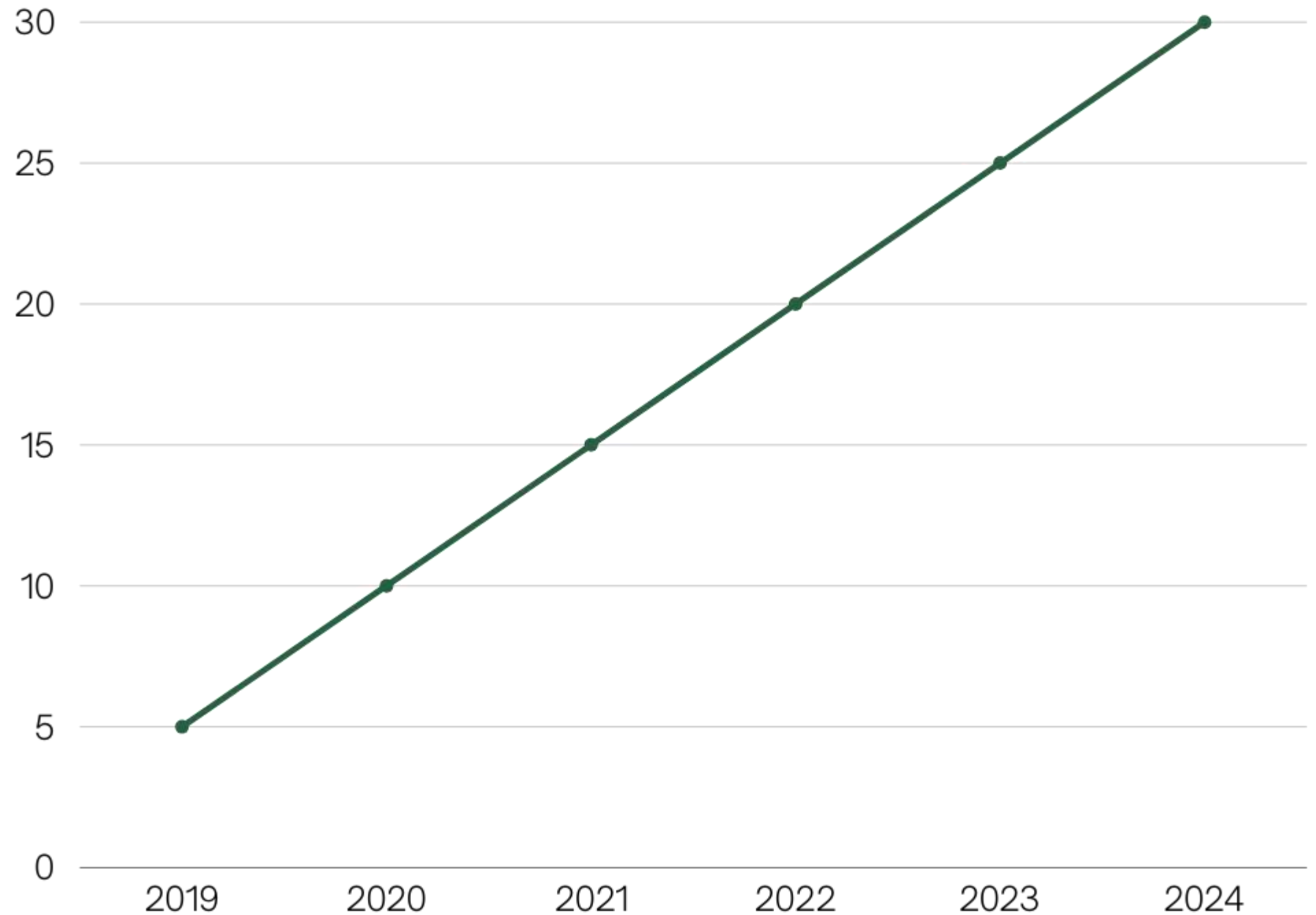
How is the platform today?

The innovations

We reach **30 innovations** and we ask you to upload more of them and promote within your projcet the upload or more innovations

High quality innovation resulting from projects that have been publicly funded after an evaluation process.
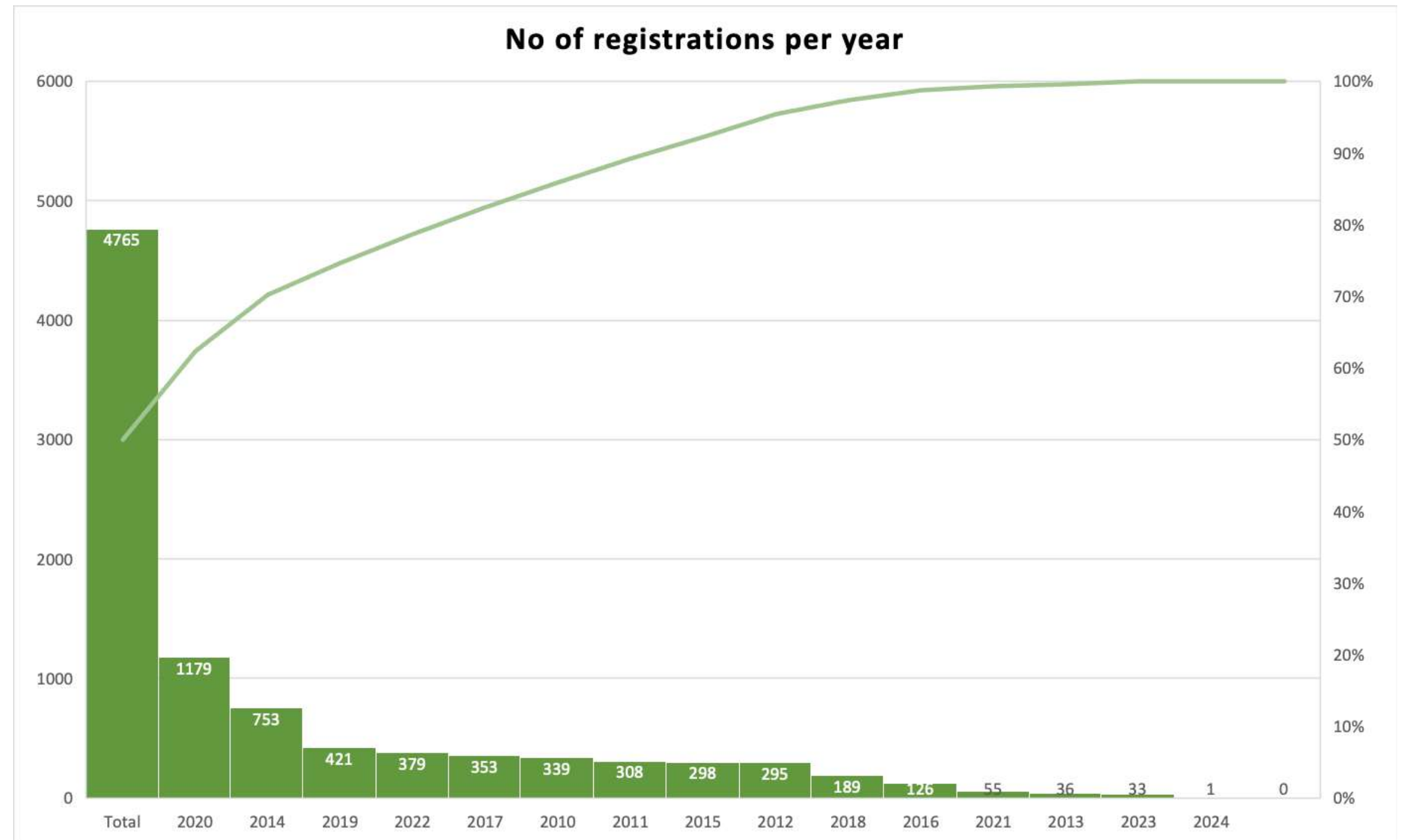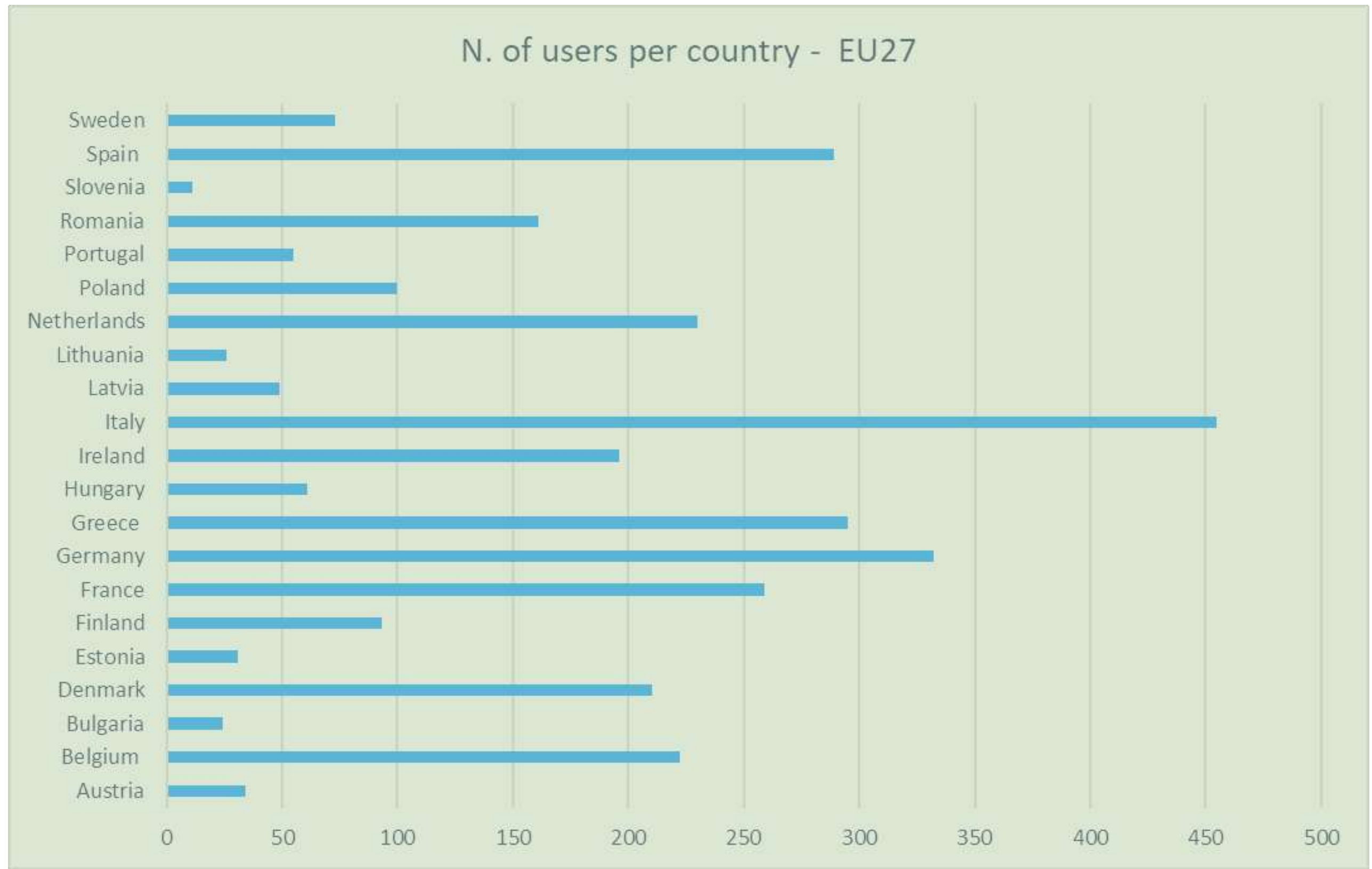
The users

more **than 4000 users in 10 years**

all the users registration process is collected by ILVO team.

A significant number of high quality users belonging to funding and research organisations
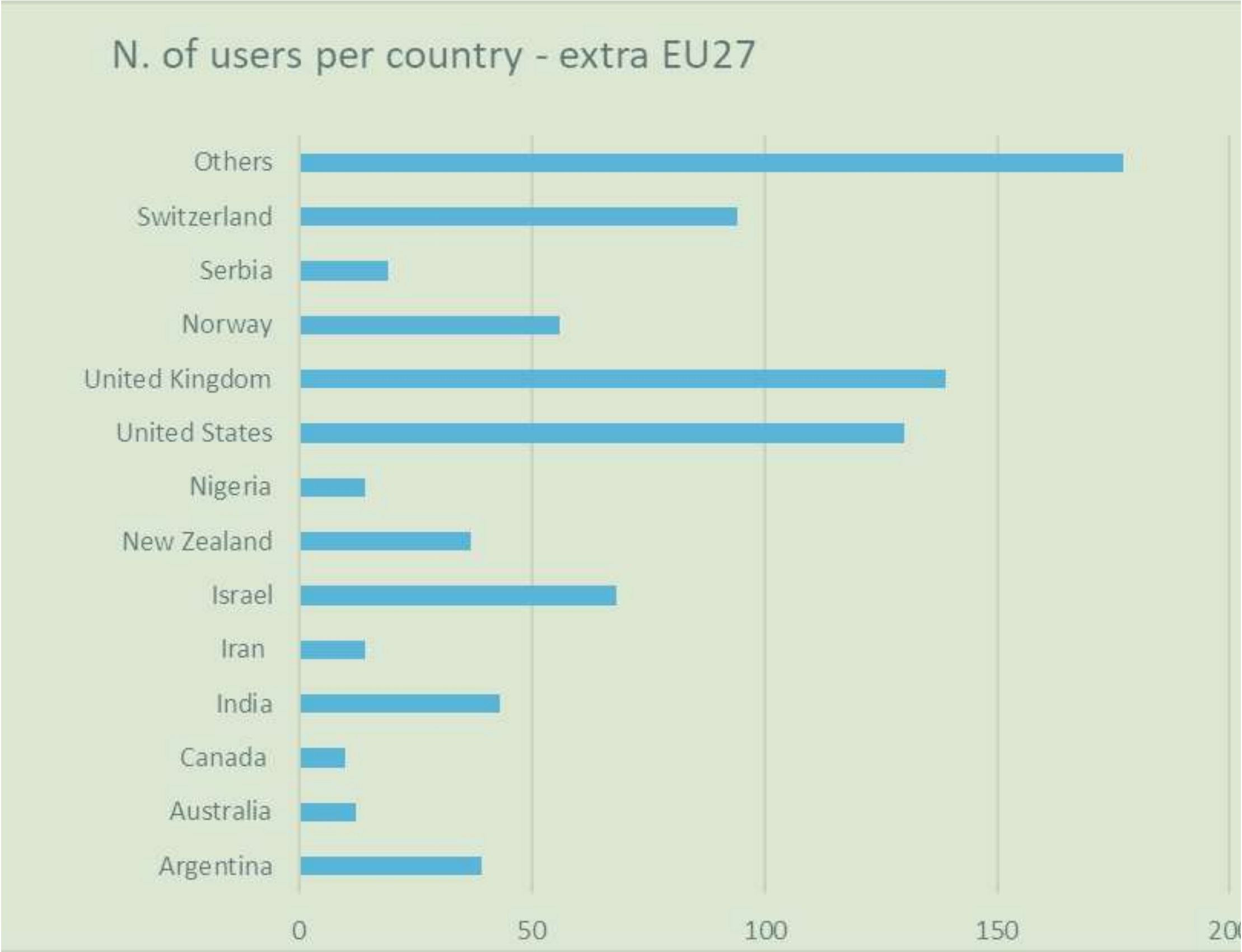

No of registrations per year

Total	2020	2014	2019	2022	2017	2010	2011	2015	2012	2018	2016	2021	2013	2023	2024
4765	1179	753	421	379	353	339	308	298	295	189	126	55	36	33	1

The users per country - EU 27

N. of users per country - EU27

The users per country - extra EU 27

Turkey - 707 users

N. of users per country - extra EU27
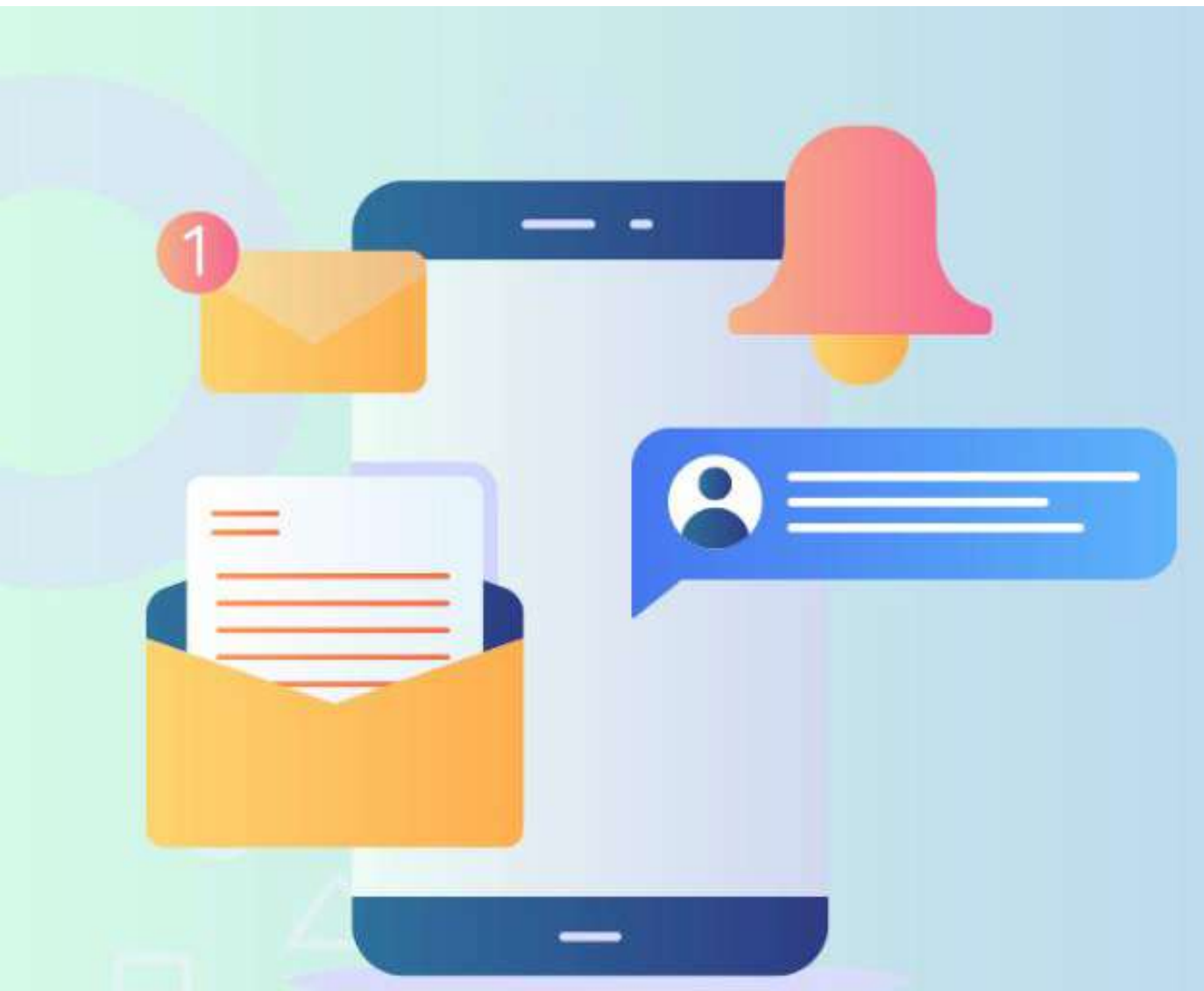
How can we connect them?

The notification system

ILVO is developing a new functionality for the ICT AGRIFOOD platform which is a notification system to **encourage the participation of users in the debate** on different innovations uploaded

The users will get a notification email when:

- a new innovation is uploaded (with the link to see it).
- a comment on the innovation the user like is added
- if a comment creator got a responses

The user can always unsubscribe to the notification system

Weakness

Interoperability and Interface

Strenght

number of users, quality of the innovations

NEXT STEPS

Premise

Improve the analysis of users and innovations where possible

Mission

Make our platform attractive
Work on weaknesses

How

The activation of the notification system, will make people active in the debate and make the platform alive

Mission

We have built our platform together (defining categories and uploading innovations)

We now have to **make it work** using the **comments and notification** functions and sharing interesting innovations **on social media**

Make it attractive for other potential interesting users (funders, SMEs, ICT companies etc.)

Thank you for your attention!
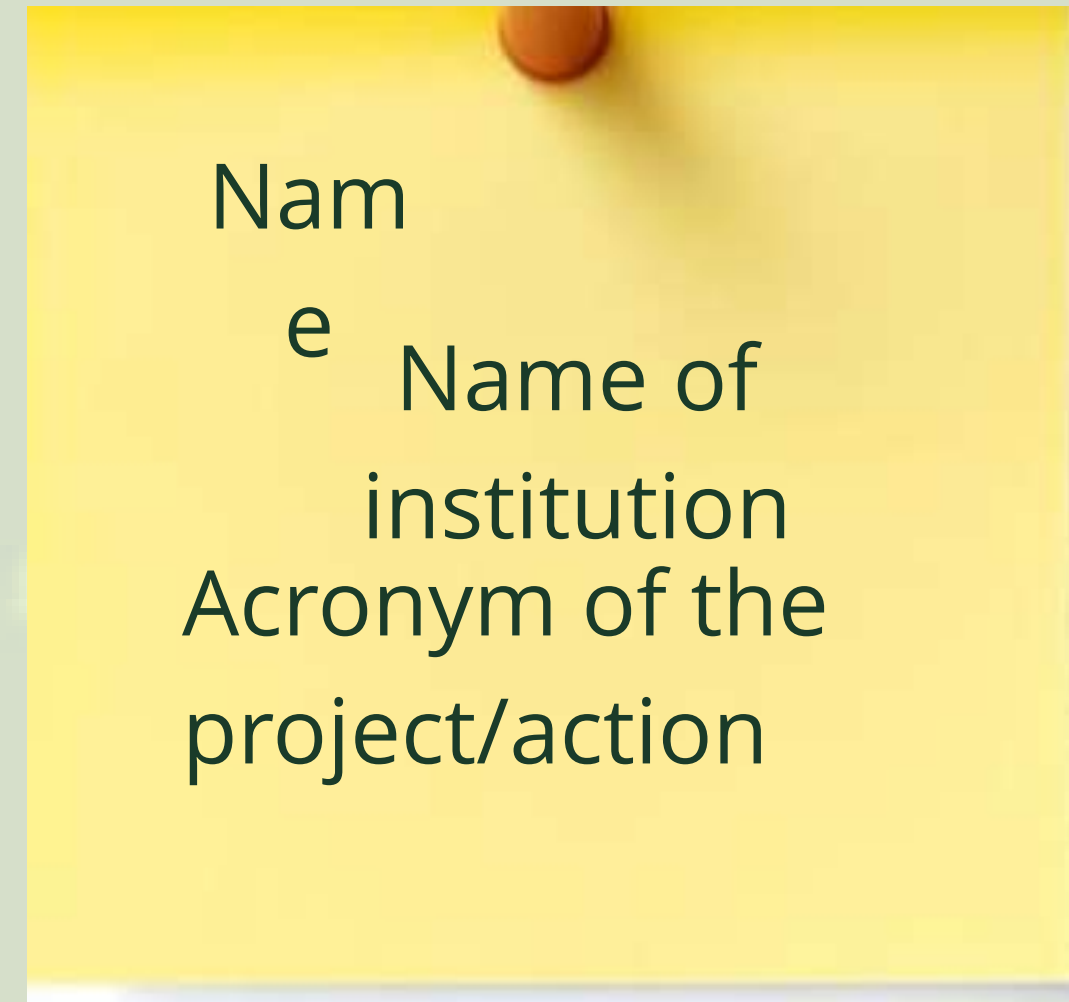
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Group activity

To which research areas is your project/action contributing to?

You can use more than one post it with your name and project

Nam e

Name of institution

Acronym of the project/action

ICT domain

1. Remote Sensing
2. Robotics/Automated farming
3. Proximal sensors
4. Big data technologies/Artificial Intelligence/Machine Learning
5. Management information systems/ Decision Support System
6. Web Applications /Platforms
7. Data governance
8. E-commerce and targeted advertisement