

PIGWEB Map of European research infrastructures working on pig experimentation for farm applications

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75th EAAP annual meeting

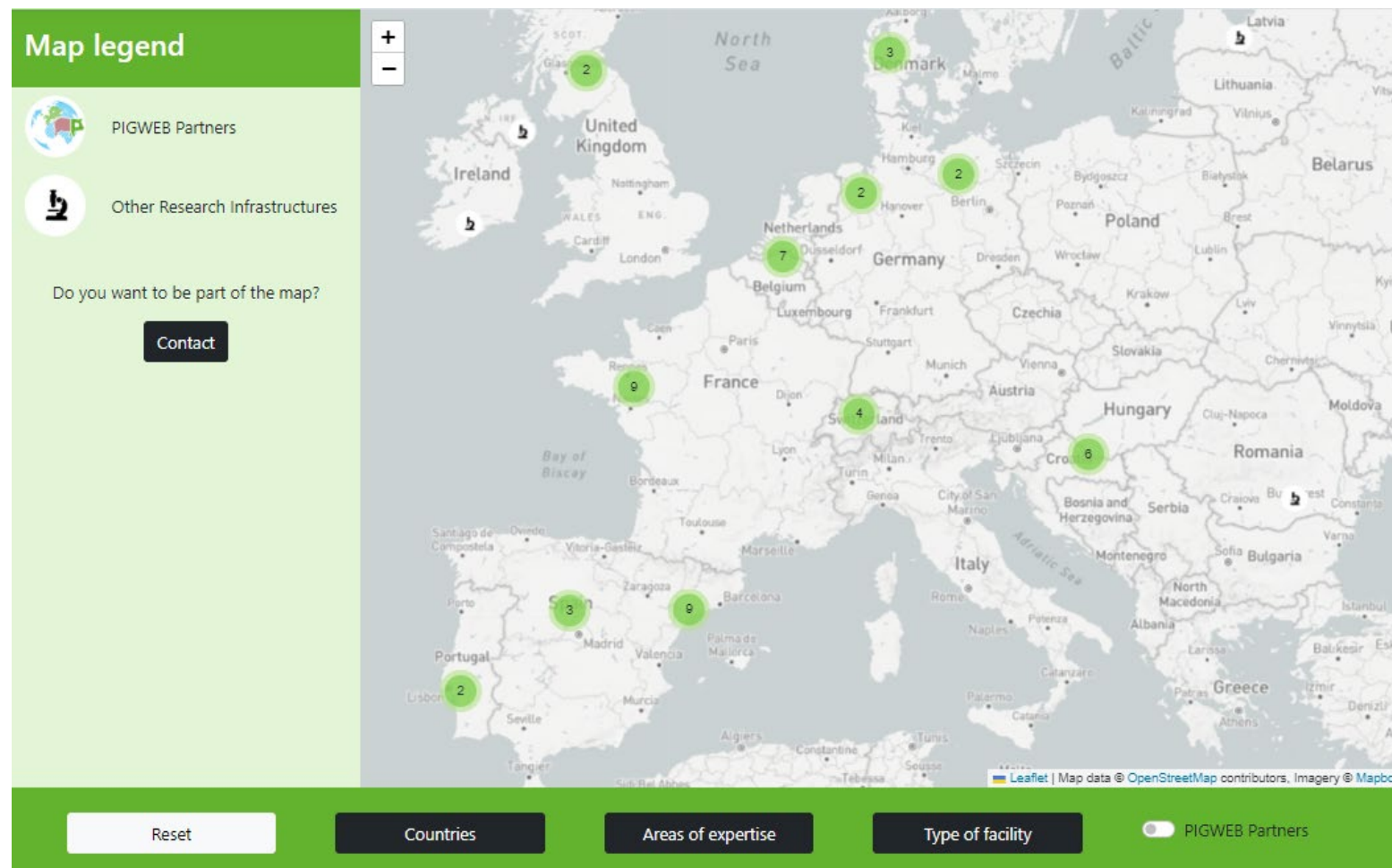
Florence (Italy), September 1-5, 2024



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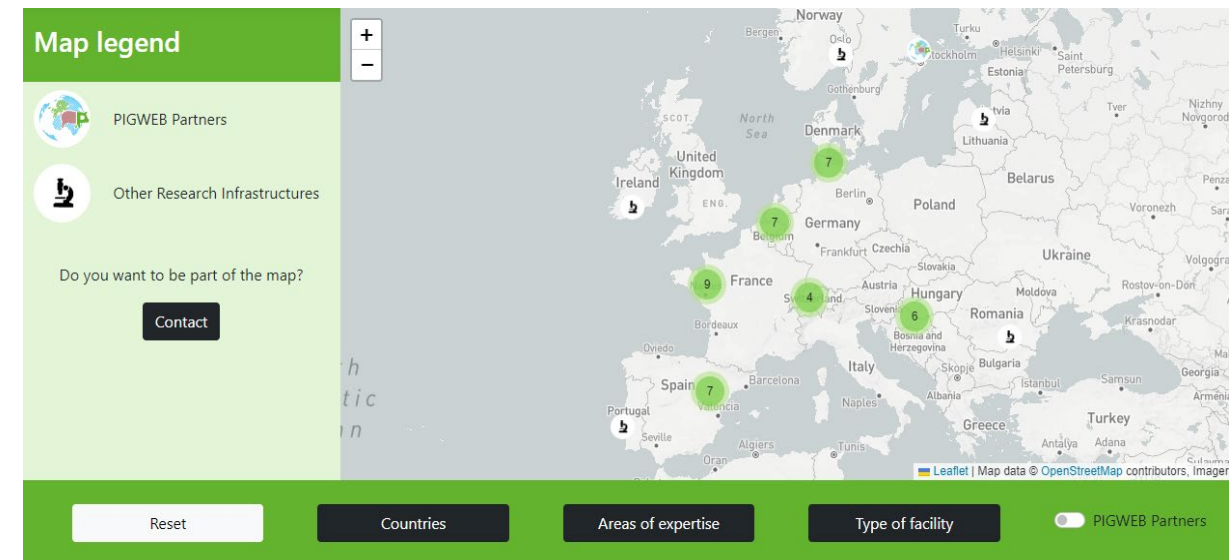
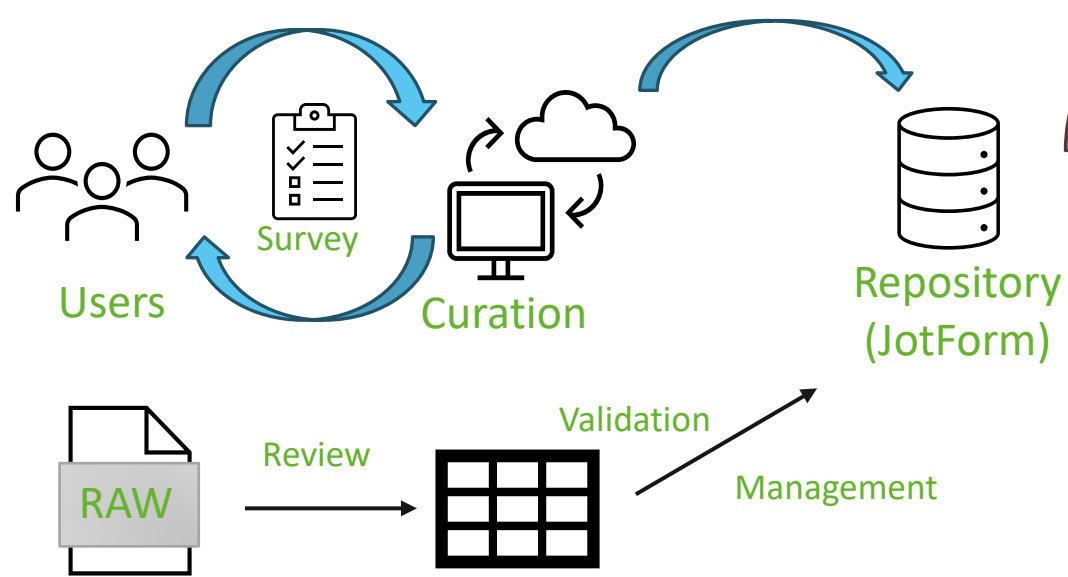


Mapping Research Infrastructures



<https://map.pigweb.eu>

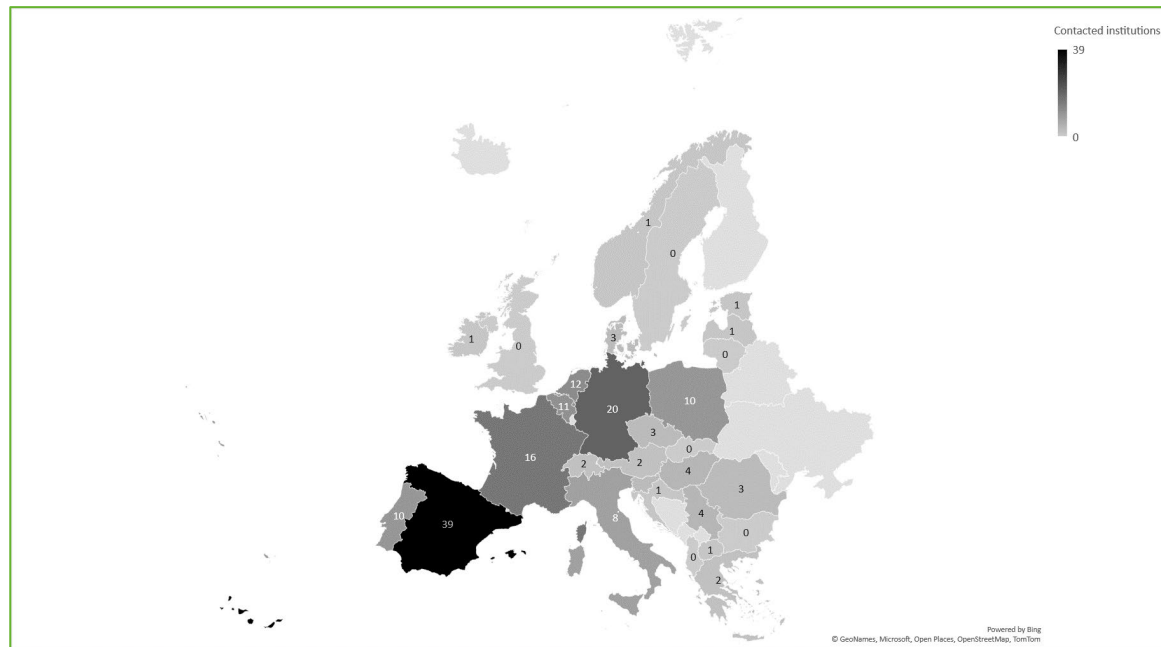
Mapping Research Infrastructures



Mapping Research Infrastructures

239 potential institutions → 202 contacted institutions

Raw ID	ID-survey	Institution Name	Type of organization	Country	Website address	Department	Individual contact	Status
1	2452	Institution PIG	Research Institute	Spain	https://www.	Department of farm animals	xxx@xxx	In progress
2		University A	University	France	https://www.	Faculty of Veterinary Medicine	xxx@xxx	Contacted
3		University B	University	Germany	https://www.	Faculty of Veterinary Medicine	xxx@xxx	Contacted
4		Public Agency	Governmental Org	France	https://www.		xxx@xxx	Not available data



Country	Nº Total RI	Other Institutions	In progress	Not eligible	Nº Not interested	Nº Not answered	Pending to contact
Albania	1	0	0	0	0	0	1
Austria	4	0	0	1	1	0	2
Belgium	11	4	0	5	0	2	0
Bulgaria	1	0	0	0	0	0	1
Croatia	4	0	1	0	0	0	3
Czech Republ	6	0	0	0	1	2	3
Denmark	3	2	0	1	0	0	0
Estonia	1	0	1	0	0	0	0

37 → no contact data available

Mapping Research Infrastructures



PIGWEB Mapping Research Infrastructures (RI) Survey

By clicking the submit button, I agree to terms & conditions. *

☐ I grant my consent to PIGWEB Consortium for processing my personal data, to establish an inventory of all existing pig research infrastructures (RIs) across Europe. We have prepared a questionnaire, whose objective is to survey all the existing pig RIs in Europe and disseminate these data through a map of RIs that will be available on the PIGWEB project's website . We invite you to fill the survey. This questionnaire follows the General Data Protection Regulation 2016/679 is a regulation in EU law on data protection and privacy in the European Union and the European Economic Area. In addition, data collected will only be available for members of PIGWEB project and will only be used, if necessary, as part of a future collaboration in PIGWEB. However, you can exercise your rights of access, deletion, modification of your personal data via the following email address: pigwebmap@irta.cat. The data controller for this project activity will be IRTA. The IRTA Data Protection Office provides oversight of IRTA activities involving the processing of personal data, and can be contacted at dpo@irta.cat

Contact Person *

Contact Email *

Public Email *

Email used to request clarification or additional data

This Email will be published in PIGWEB map website

- Contact Information:
Contact person, Contact Email, Public Email Institution Name and acronym Country Institutional website & logo
- Facilities (for each infrastructure):
Facility name, Location (longitude/latitude), Expertise
- Type of facilities (for each infrastructure):
Feed mill, gestating sows, farrowing, weaning pigs, growing-finishing pigs, slaughterhouse
- Additional Information:
Free text to describe extra information (e.g. equipment, techniques, services, or other relevant data)

Mapping Research Infrastructures

Interactive Map

For questions related to the map please contact support@pigweb.org



FBN

Research Institute for Farm Animal Biology

General Information

Country:	Germany
Funding type:	Public
Type of organization:	Research Institute
Address:	Wilhelm-Stahl-Allee 2
Website:	https://www.fbn-dummerstorf.de/en/
Contact:	pigweb@fbn-dummerstorf.de

Expertise

Behaviour & Welfare

Animal Health

Body Composition

Breeding & Genetics

Carcass & Meat Quality

Environment Impact

Housing & System Trials

Performance Trials

Physiological Studies

Type of facility and capacity

Gestating sows	104 no of sows
Growing-finishing pigs	420 no of pigs
Lactating sows and piglets	38 no of sows
Slaughterhouse	1 pig(s) per year
Weaning pigs	368 no of pigs

Additional information

The experimental pig farm of FBN keeps German Landrace and Angler Saddleback pigs with conventional or organic housing. Weighing troughs for fattening pigs, an automatic feeding system for sows to measure individual feed intake, an air-conditioning system, outdoor space, silos for seven different types of feed and a central mixing and distribution unit are all present at the facility.

For metabolic studies the pig facility integrates air-conditioned rooms with temperature control and provides places for nutrition and metabolic studies for 12 pigs. The room can host individual pens or metabolic cages for pigs of different bodyweights from 15 up to 100 kg. A open-circuit indirect calorimetry system is integrated consisting of four respiration chambers for fattening pigs and sows. Based on gas exchange measurements (O₂, CO₂), energy expenditure and nutrient oxidation is quantified. Measurements of NH₃ concentrations to assess nitrogen metabolism and efficiency is possible.

PIGWEB Member

YES

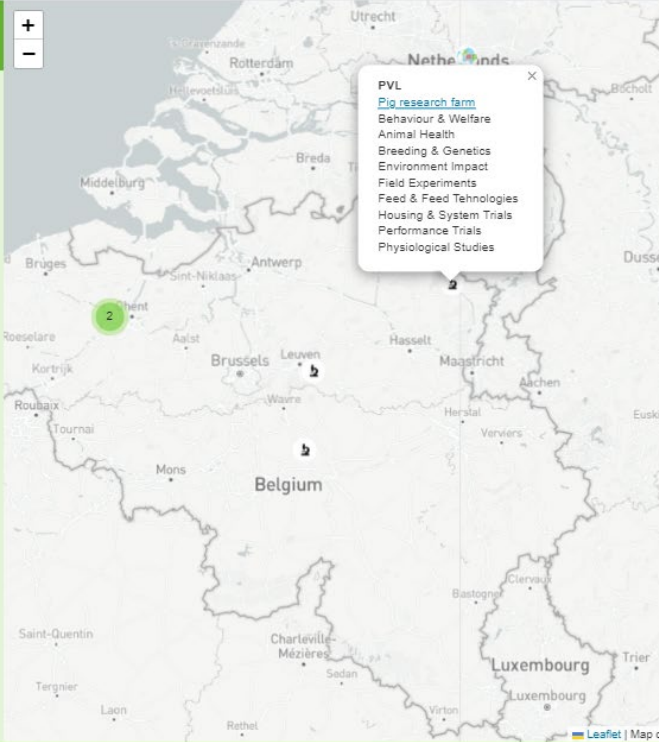
Mapping Research Infrastructures


PIGWEB Partners


Other Research Infrastructures

Do you want to be part of the map?

Contact



Reset

Countries

Areas of expertise

Type of facility


PIGWEB Partners


Other Research Infrastructures

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Countries

Areas of expertise

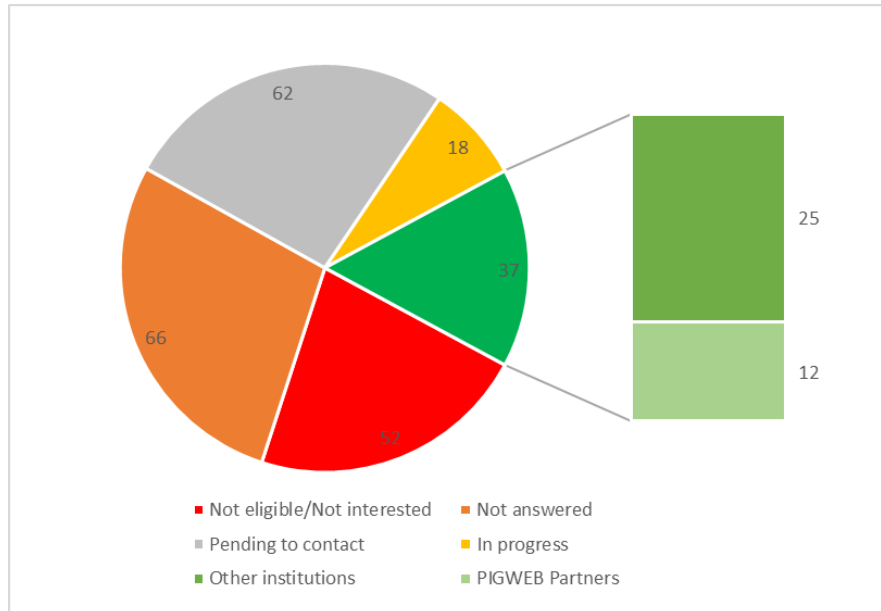
Type of facility

PIGWEB Partners

☐ Animal Health
☐ Behaviour & Welfare
☐ Body Composition
☐ Breeding & Genetics
☐ Carcass & Meet Quality
☐ Environment Impact

☐ Feed & Feed Tehnologies
☐ Field Experiments
☐ Housing & System Trials
☐ Performance Trials
☐ Physiological Studies

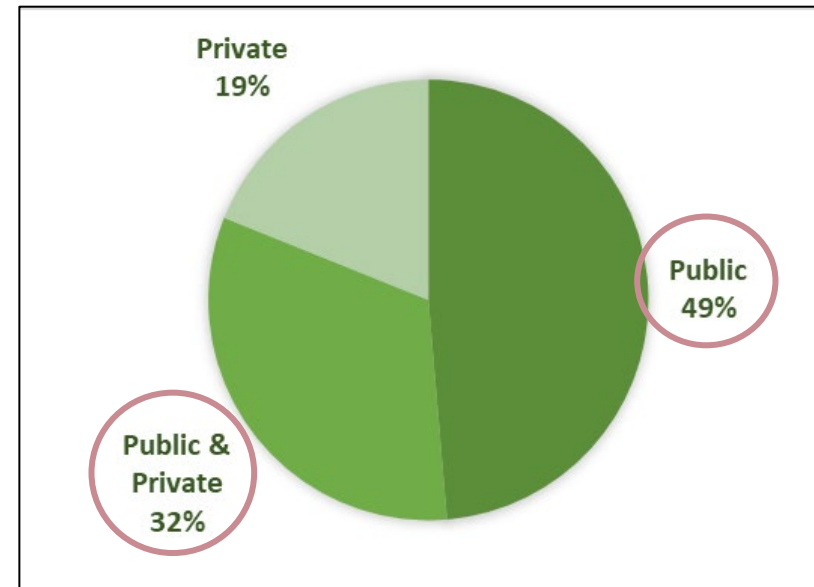
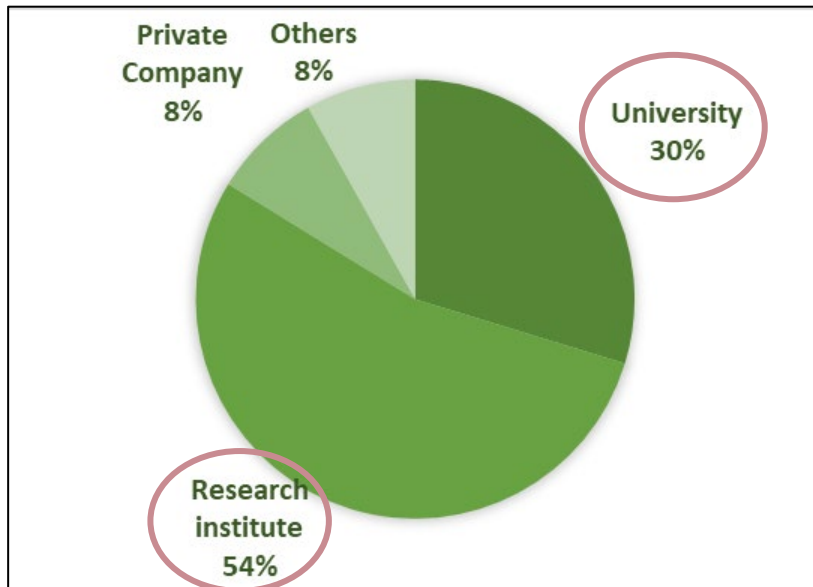
Status



Institution type	In map	Survey not completed	Not answered
University	11	13	31
Research Institute	20	4	15
Private Company	3	0	18

Status

Surveys in map



Future

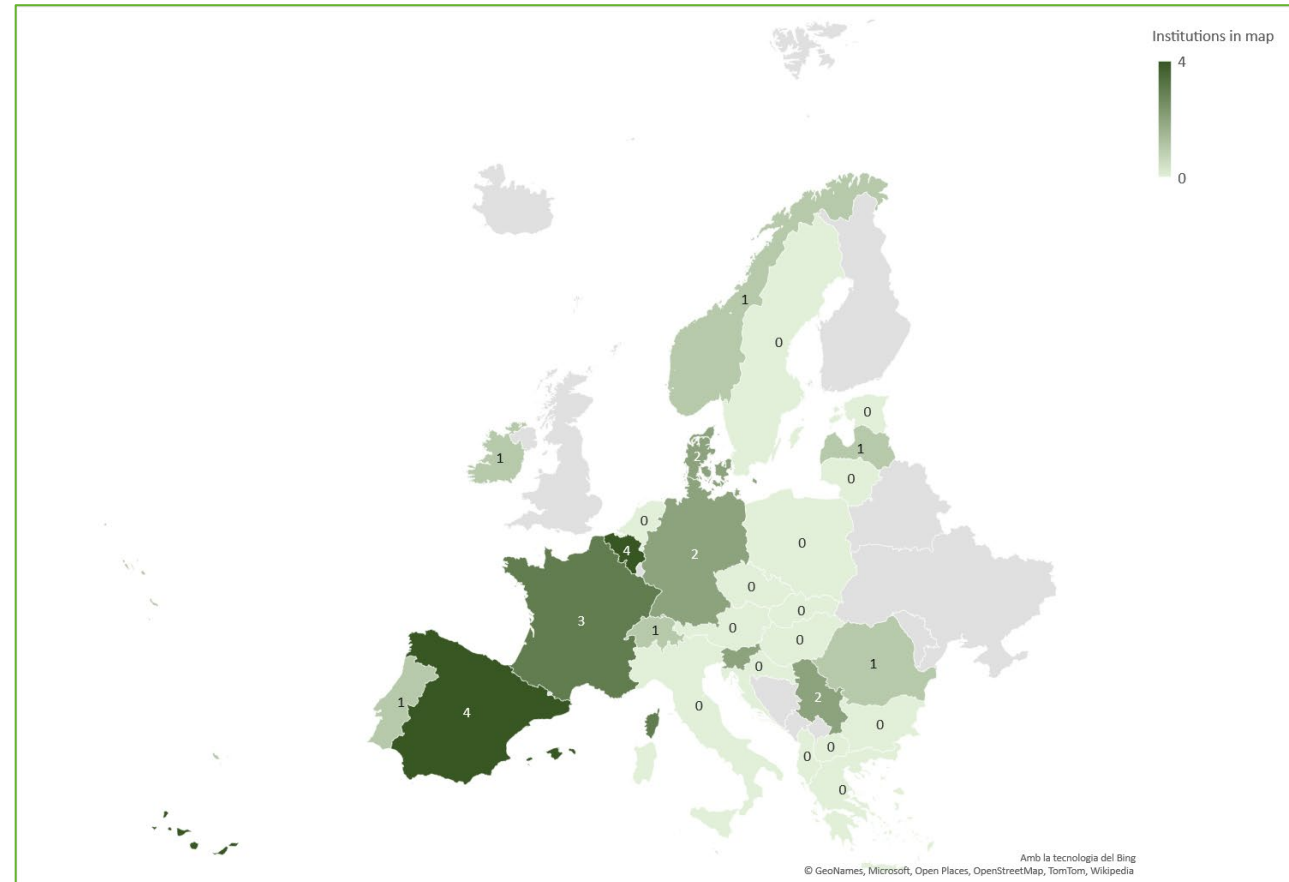
- The map update has been planned until the end of the project



pigwebmap@irta.cat

Italy
UK
Croatia
Poland
Bulgary
Greece.

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THANK YOU!
QUESTIONS?



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