

Developing a Cross European Network for Agrivoltaics Development

Outcomes from the Symbiosyst project.

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STATE OF THE ART

- Agri-PV systems require systemic knowledge and fully multi-disciplinarity and trans-disciplinarity.
- Agri-PV research and implementation is in an early stage, thus there is a need to empower the few available knowledge exploitation among the main actors and stakeholders, at the different levels (from local to regional and national).
- Web platforms and networks mobilize human resources, knowledge and expertise at the different levels: those are similar to arenas where market actors, scientific community, policy actors and local stakeholders can meet and exchange different types of knowledge.
- Among the other tools networks and platforms adopt webinars and in presence events as seminars and workshops.
- EU Regions are currently responsible for agri-PV regulation. It would be relevant to address regional knowledge.

OBJECTIVES AND FRAMEWORK

- Creating the first cross European platform and network dedicated to agri-PV for knowledge exchange.
- Promote multi-disciplinarity and trans-disciplinarity knowledge exchange, therefore aiming at the engagement of actors and stakeholders at different levels and at the differentiation of knowledge per regions.



Agronomy



Energy



Spatial disciplines



Social disciplines

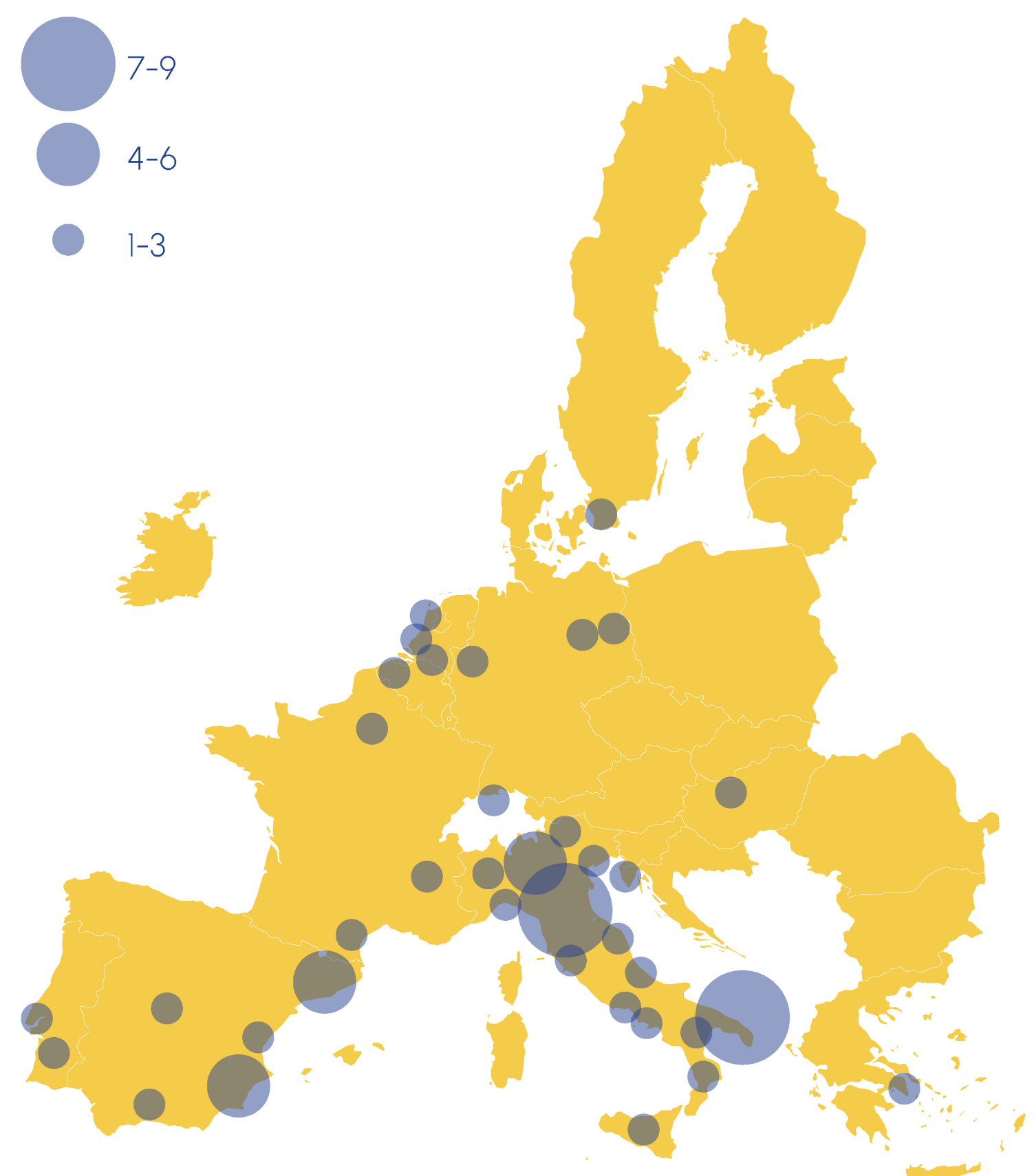


Policy sciences

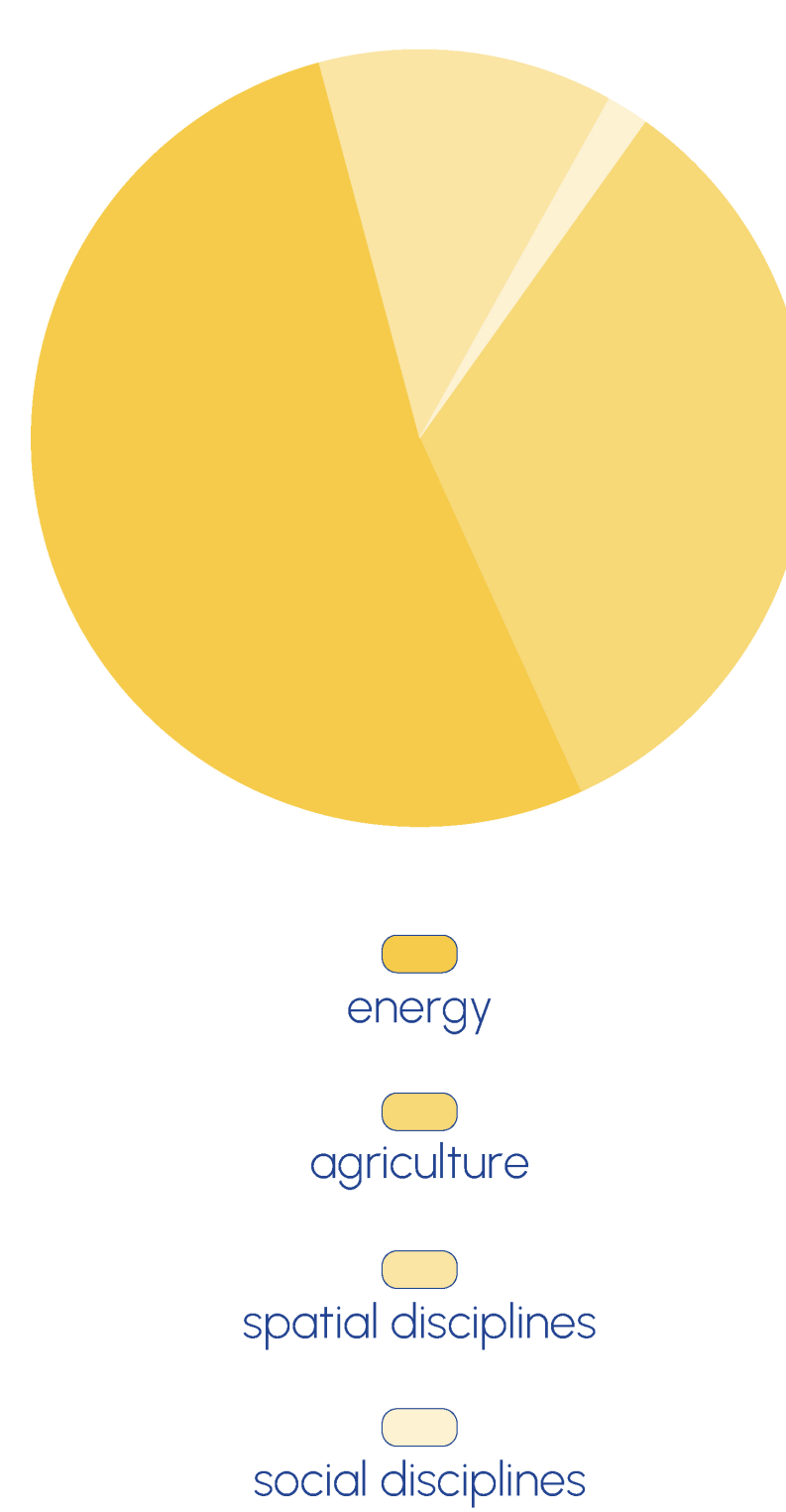
FIRST RESULTS

- 115 subscriber
- Highest demand of knowledge from Mediterranean regions Apulia, Emilia Romagna and Murcia on top
- Majority of subscribers comes from the energy field
- Higher demand of knowledge from the market actors than in the scientific community

The European Cooperation subscribers among NUTS2 regions



Subscribers field of competence



Subscribers knowledge demand clusters

- Sharing data
- EU policy
- Biodiversity
- Effects of Agri-PV on crops
- Modelling and optimization of Agri-PV
- Landscape integration of Agri-PV
- Mediterranean crops for Agri-PV
- Monitoring
- Design of the layout
- Environmental and social acceptance

REACHED MILESTONES



CONCLUSIONS AND FUTURE CHALLENGES

- A trans-disciplinary and diverse knowledge demand emerged among different actors and stakeholders at international level
- Addressing the emerged knowledge demand per region
- Supporting knowledge creation and exchange at regional level to support policy making
- Synergies and knowledge Exchange among sister European Projects on agri-PV systems