ANTENNA

Making technology work for monitoring pollinators

The overarching goal of ANTENNA is to fill key monitoring gaps through advancing innovative technologies that will underpin and complement EU-wide pollinator monitoring schemes, and to provide tested transnational pipelines from monitoring activities to curated datasets and enhanced indicators that support pollinator-relevant policy and end-users.

36	7	6	5	5
months	partners	countries	objectives	work packages

Objectives

1. Advance automated sample sorting and image recognition tools from individual prototypes to systems adoptable by practitioners, through a co-design approach;
2. Expand pollinator monitoring to under-researched pollinator taxa, ecosystems, and pressures;
3. Quantify the added value of a broad range of novel monitoring systems in comparison and combination with 'traditional' methods in terms of information gains related to economic costs;
4. Provide a framework for integrative monitoring by combining multiple data streams and for developing routines for near real-time forecasting models as bases for early warning systems;
5. Upscale from local demonstrations to the implementation of large-scale transnational pipelines and provide context-specific guidance for the choice and combination of monitoring methods and indicators for policy and end-users.



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Work packages

- WP1 Co-design and technology readiness level advancement
- WP2 Added value of novel technologies
- WP3 Integrative monitoring and modelling
- WP4 Large-scale implementation of novel monitoring approaches
- WP5 Project coordination, and communication

Coordinator

Dr. Oliver Schweiger (UFZ)

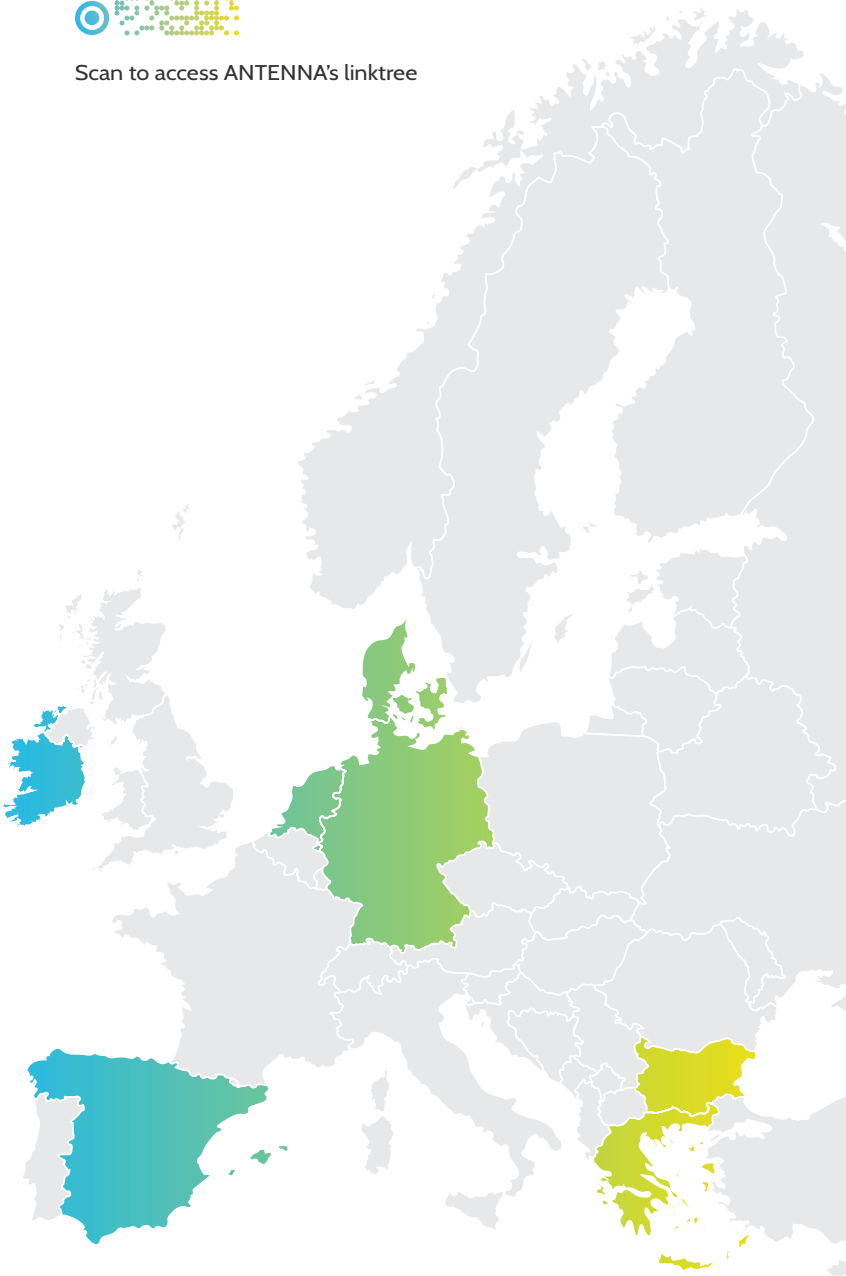
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