Results pack

a quick access guide

November 2025

The three-year WIMBY project used collaborative research, participatory tools, data analysis, and pilot testing across four European regions to make wind energy planning more inclusive, transparent, and socially accepted.

This Results Pack presents the key outcomes: scientific insights, digital platforms, datasets, and policy recommendations, all contributing to a just and sustainable wind future.

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WIMBY in a nutshell

January 2023 - November 2025

WIMBY is a European funded project supporting the adoption and acceptance of wind-power in the European Union. It developed innovative tools to facilitate citizen and stakeholders' interaction, knowledge sharing, and collaborative evaluation of impacts, conflicts, synergies and social innovation potential.

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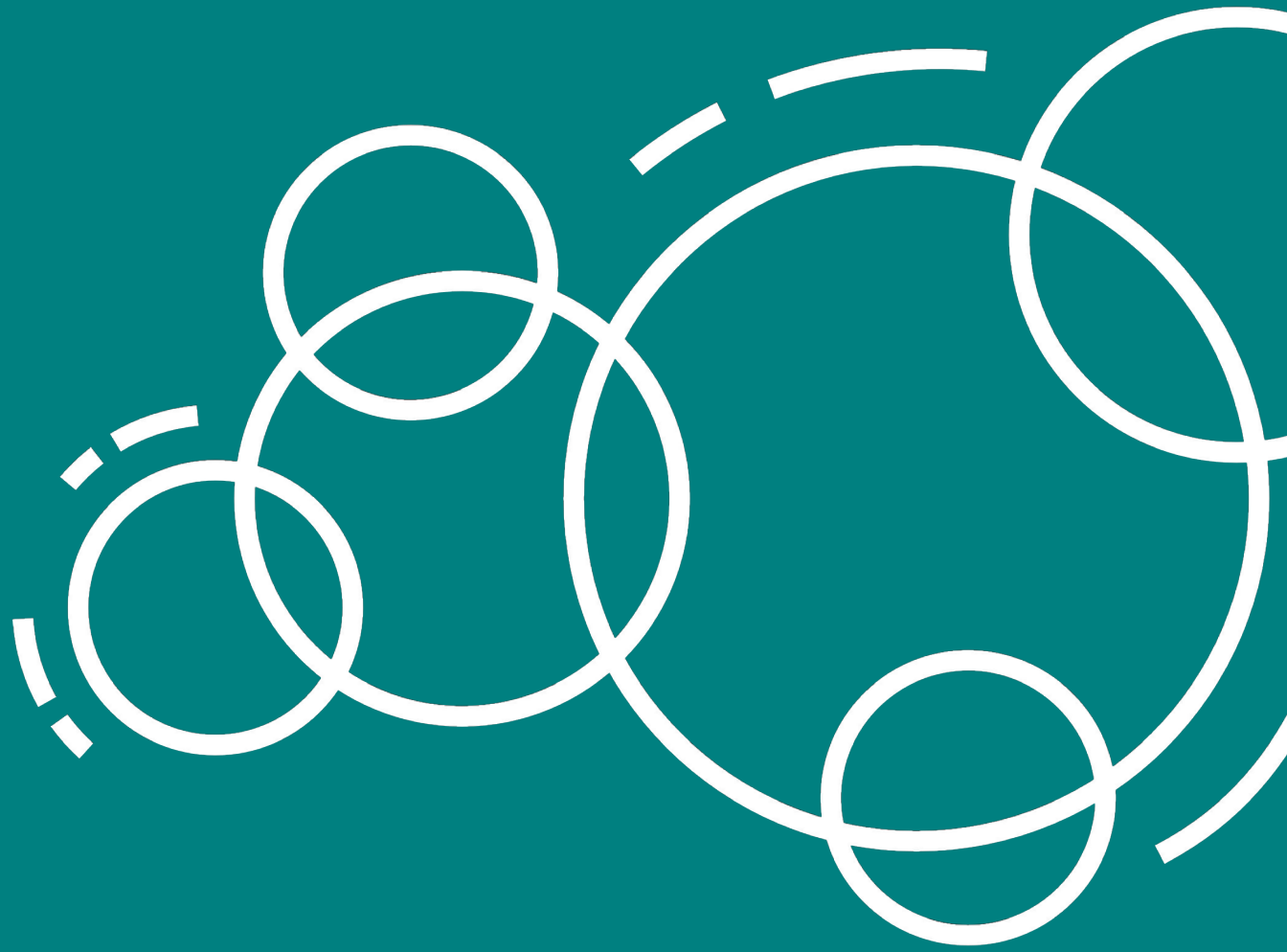

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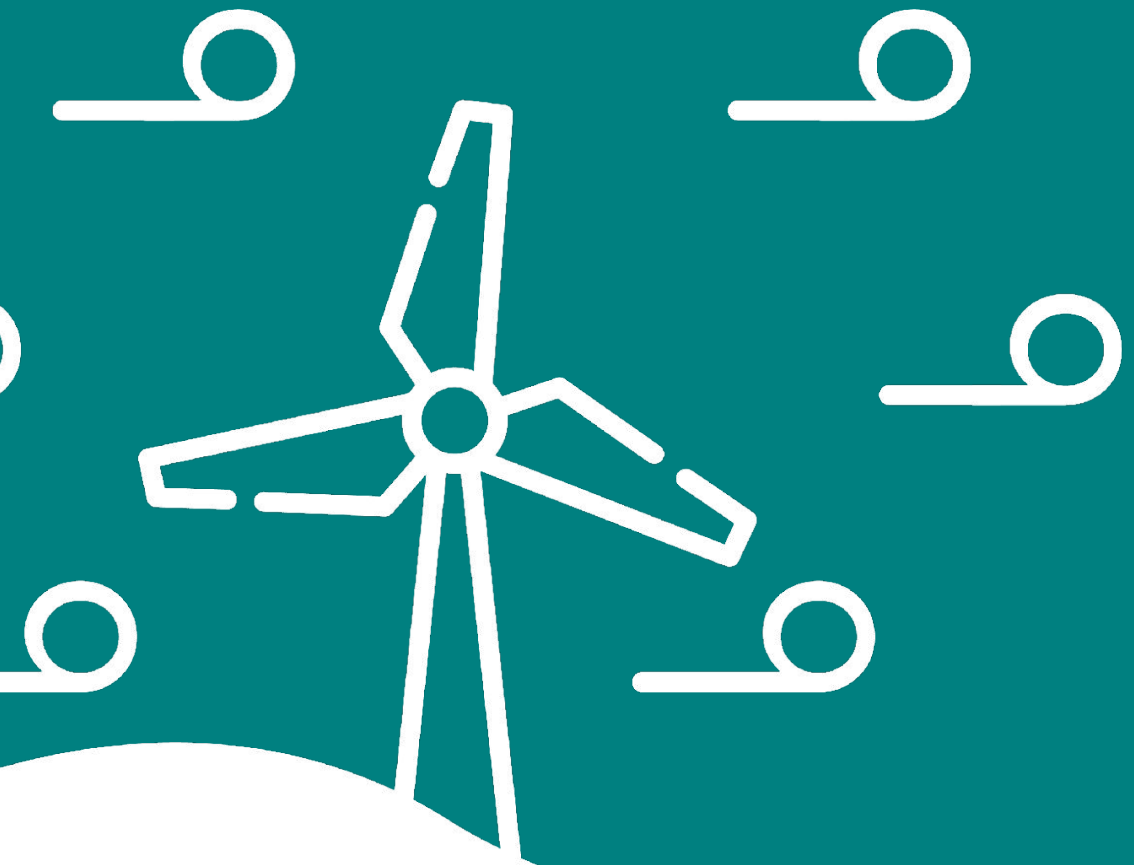

Deliverables

Key methodological documents

November 2025

WIMBY has produced a comprehensive set of deliverables covering technical, methodological, and social aspects of wind energy planning.

These documents provide detailed insights into the project's development, from participatory mapping and socio-environmental impact assessment to stakeholder engagement strategies and digital tool design.

All public deliverables are available on the WIMBY website and WIMBY Zenodo Community.

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Scientific Papers

Key publications

November 2025

WIMBY's research results have been disseminated via open-access peer-reviewed scientific papers and conference presentations, available on the WIMBY website and Zenodo Community.

These publications cover diverse areas, including planning, impact assessment (health, environment, social, etc.), Life Cycle (LCA), and more.

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Policy Brief

with recommendations

November 2025

Building on WIMBY's research and stakeholder engagement across Europe, the project developed a set of policy recommendations to guide fair and effective wind energy deployment. These recommendations focus on five points:

1. Holistic assessment
2. Holistic energy system modelling
3. Participation in decision-making
4. Financial participation
5. Modelling, open data & transparency

The WIMBY policy brief aims to support policymakers at EU, national, and regional levels in aligning energy goals with local values and needs.

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MAP

FORUM

Interactive platform

Map and Forum

November 2025

The WIMBY Interactive Platform empowers stakeholders to visualise, simulate, and collaboratively discuss wind-power development across Europe. Combining an advanced web-GIS map with a user-driven discussion forum, the platform enables informed, inclusive decision-making on the future of wind energy.

Start simulations, comment on geospatial data, and join discussions with experts, policymakers, local communities, and other users. Whether you're a citizen, researcher, or industry representative, the platform welcomes your insights!

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Press-kit

Press-kit

The WIMBY roll-up

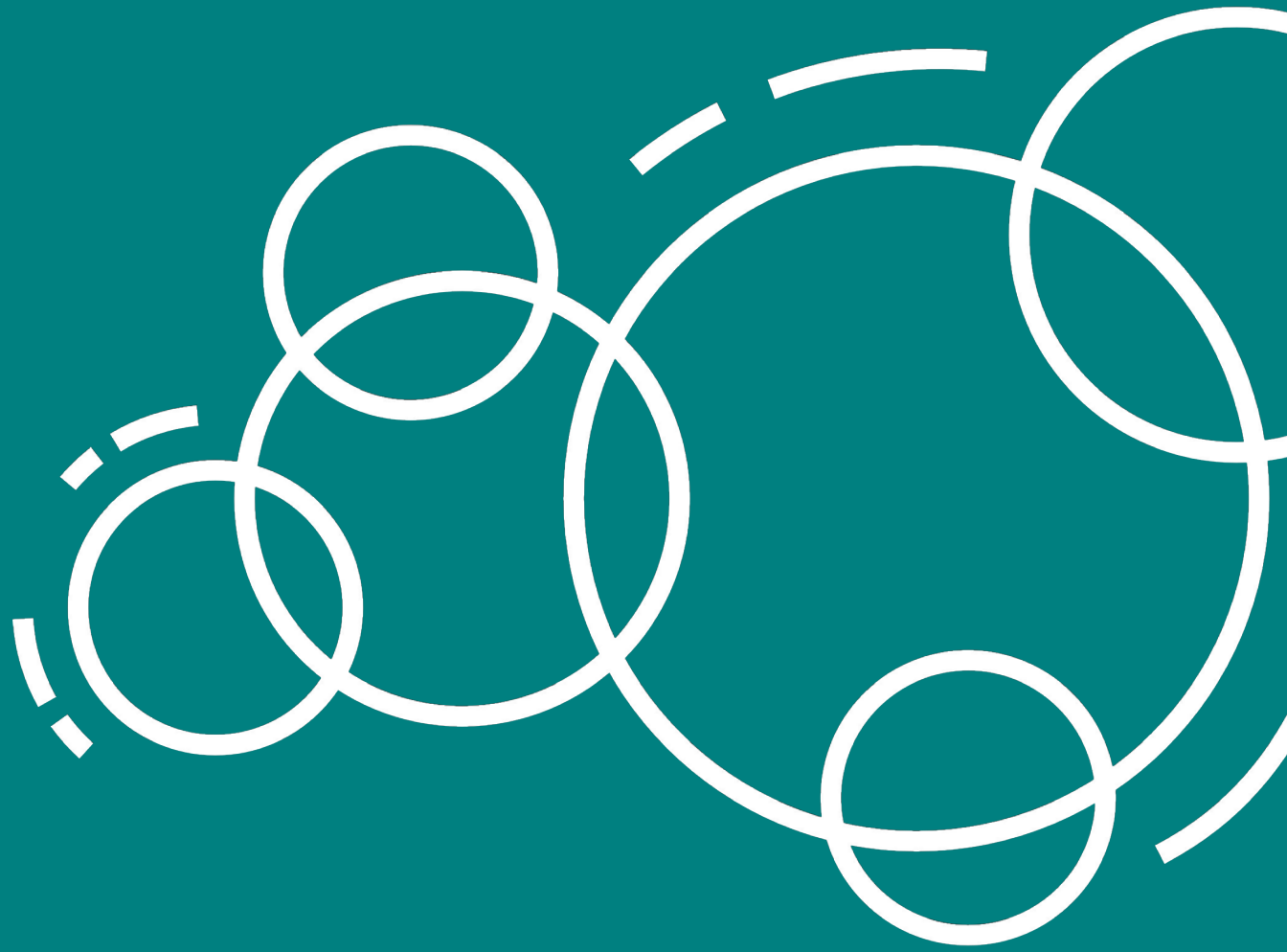
The WIMBY poster

Videos & Webinars

Project handbook

Press releases & Newsletters

News & Events



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Results

November 2025

Over three years of research and collaboration, the WIMBY project has generated a wide range of results: from scientific analyses and policy recommendations to interactive tools and real-world pilot experiences.

These outputs reflect WIMBY's commitment to making wind energy development more transparent, inclusive, and locally grounded.

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3D Immersive Environment

November 2025

The WIMBY 3D Immersive Environment is a virtual platform for engaging local communities and stakeholders in wind energy planning.

It uses open data and realistic 3D landscapes to let users explore potential wind energy scenarios and their social and environmental trade-offs through interactive visualisations and serious gaming.

Pilot workshop tests confirmed its effectiveness in scenario visualisation, fostering dialogue, and supporting collaborative, socially accepted decisions.

READ D5.3 **TO LEARN MORE**

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Environmental Impact Assessment

November 2025

Evaluation of the impacts on the biodiversity (terrestrial and marine fauna), estimation of wind resources availability and their consequences on land and sea use.

TO LEARN MORE:

- Land and Sea use and change maps (a - b)
- Terrestrial birds and bats collision risk models and maps (a - b)
- Impact assessment on terrestrial and marine fauna (a - b)

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Societal Impact Assessment

November 2025

Evaluation of how wind farms affect the local communities and addressing issues concerning governance, regulation, health, safety and landscape impacts.

TO LEARN MORE:

- Maps of health and safety impact metrics
  - Maps of landscape impact metrics (a)
- Data on regulatory and socio-economic conditions and impacts (a - b)

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Wind Power Potential Deployment Assessment

November 2025

Evaluation of the impacts on the biodiversity (terrestrial and marine fauna), estimation of wind resources availability and their consequences on land and sea use.

TO LEARN MORE:

- Wind Power Assessment Tool (a - b)
  - LCA results report and spatially explicit data (a -b)

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Methodological Framework

November 2025

Development of a framework for wind farm planning. It includes guidelines for participatory processes based on the interaction and the opinions of the citizens exchanged on the Web-GIS forum, which are directly accounted for in decision making. This process strengthens public awareness and knowledge, and participation procedures.

TO LEARN MORE:

- Report on the satisfaction analysis framework and the indicator database
- Report on stakeholder mapping and best practices for project implementation
- Multi-Criteria Satisfaction Analysis

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WIMBY
pilot sites

The project collected real-world data in the four pilot sites located in Italy, Austria, Norway and Portugal directly engaging local communities. Local experiences helped understand the factors that influence public attitudes towards wind power and its applications.

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Italy

The Italian pilot took place on the island of Pantelleria, where the unique setting allowed WIMBY to test participatory methods in small communities.

Workshops and interactive sessions helped identify local concerns and values related to landscape, noise, and tourism.

The findings reinforced the importance of co-designing energy transitions with residents, adapting strategies to local contexts and sensitivities.

TO LEARN MORE:

Pantelleria Use Case - Articles, Video and Reports

Portugal

Workshops were held in Viana do Castelo and Torres Vedras, gathered representatives from the municipality, community, developers, and academia. Participants utilised WIMBY's innovative tools to visualise wind farm layouts and discuss their social, environmental, and economic impacts.

A mental models workshop was also held to graphically represent public perception of wind power's societal effects.

TO LEARN MORE:

Portugal Use Case - Articles, Video and Reports

Austria

In the Styria region (Austria), a key pilot site with strong wind potential and high scenic value.
Local stakeholders, experts, and pupils explored wind energy planning using WIMBY's 3D VR tools, visualising turbine placements and discussing trade-offs between renewable development and landscape preservation.

The activities fostered dialogue, education, and collaboration toward sustainable, community-supported wind futures.

TO LEARN MORE:

Styria Use Case - Articles, Video and Reports

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Norway

The final WIMBY workshops took place in Rogaland (Karmøy), a key testbed for offshore wind development. Local citizens, experts, and students explored wind planning through WIMBY's interactive maps, 3D tools, and perception-based activities.

Rogaland's mix of active wind projects, ecological monitoring, and cultural landscapes made it ideal to test community engagement approaches.

TO LEARN MORE:

Rogaland Use Case - Articles, Video and Reports

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Social media

stay up-to date

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LinkedIn

X - Twitter

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Stay in touch
join our network

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All WIMBY partners are registered as members on the online Forum. Feel free to open new discussions and follow hot-threads.

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