WIMBY - Wind In My BackYard:

Using holistic modelling tools to advance social awareness and engagement on large wind power installations in the EU.

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EXISTING MODELS AND DATASETS
NEW OR UPDATED MODELS AND DATASETS
LAYOUT AND COST OPTIMIZATION TOOL

Short Overview

The WIMBY project goal is to support the adoption and acceptance of wind-power in the European Union by addressing challenges that threaten its deployment and developing innovative tools to facilitate citizen and stakeholders interaction, knowledge sharing, and collaborative evaluation of impacts.

Methodology

- Identify and assess the concerns and impacts from social, health, and environmental perspectives
- Identify who are the different actors affected
- Identify trade-offs and synergies between impacts to create deployment strategies
- Apply Citizen Science and Social research methodologies to involve local stakeholders in decision-making processes

Objectives

#01: To evaluate the impacts on biodiversity (terrestrial and marine fauna).
#02: To evaluate how wind farms affect local communities and address issues concerning governance, regulation, health, safety, and landscape impacts.
#03: To identify the best areas for wind power farms deployment and develop methods to foster social acceptance.
#04: To validate modelling tools and develop guidelines to deliver clear overviews of the cumulative impacts of wind installations.
#05: To develop a Web-GIS interactive forum where stakeholders and local communities can exchange information to support the planning of new wind parks.
#06: To build an immersive 3D environment that allows stakeholders to better understand the impacts and the trade-offs of wind energy development.
#07: To develop a framework for wind farm planning, which will include guidelines for participatory processes extrapolated from the forum.

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