

WIMBY – Wind In My BackYard

PROJECT OVERVIEW

Wind power is one of the fastest growing, most mature, and cost-competitive renewable energy technologies and will be a crucial pillar for achieving climate and energy goals. However, its deployment faces significant challenges due to societal, ecological, economic, and technical obstacles.

The WIMBY project aims to increase acceptance, counter "Not in my backyard" effects, foster support for wind power and contribute to the decarbonization strategy of the European Union.

By translating in-depth models into comprehensive tools, WIMBY facilitates decision-making for lower impact and more participative wind energy deployment.

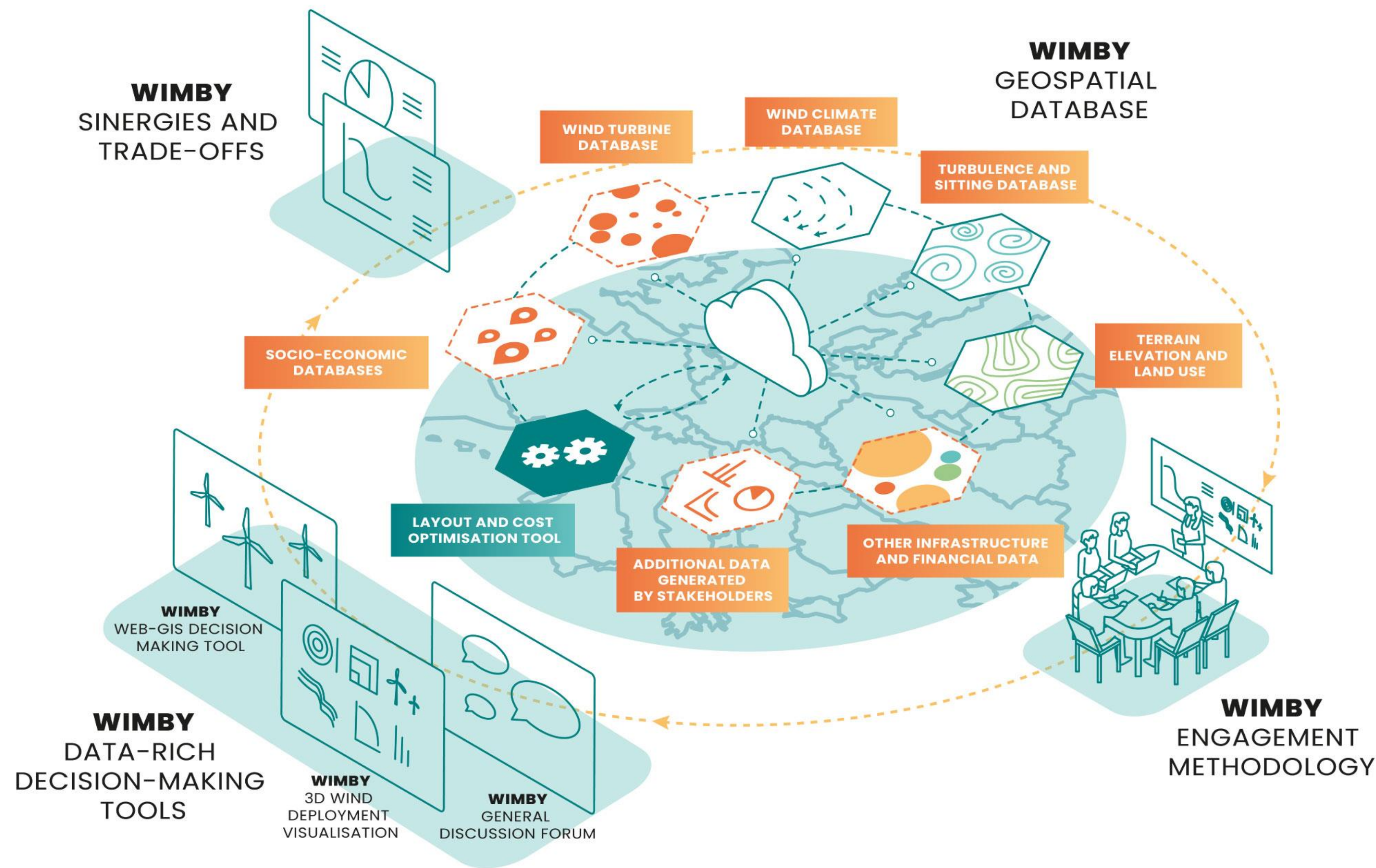
EXPECTED RESULTS

- Environmental impact assessment
- Societal impact assessment
- Wind power potential deployment assessment
- Validation of wind installation modeling tools
- Web-GIS interactive forum
- Immersive 3D environment development
- Methodological framework development and validation

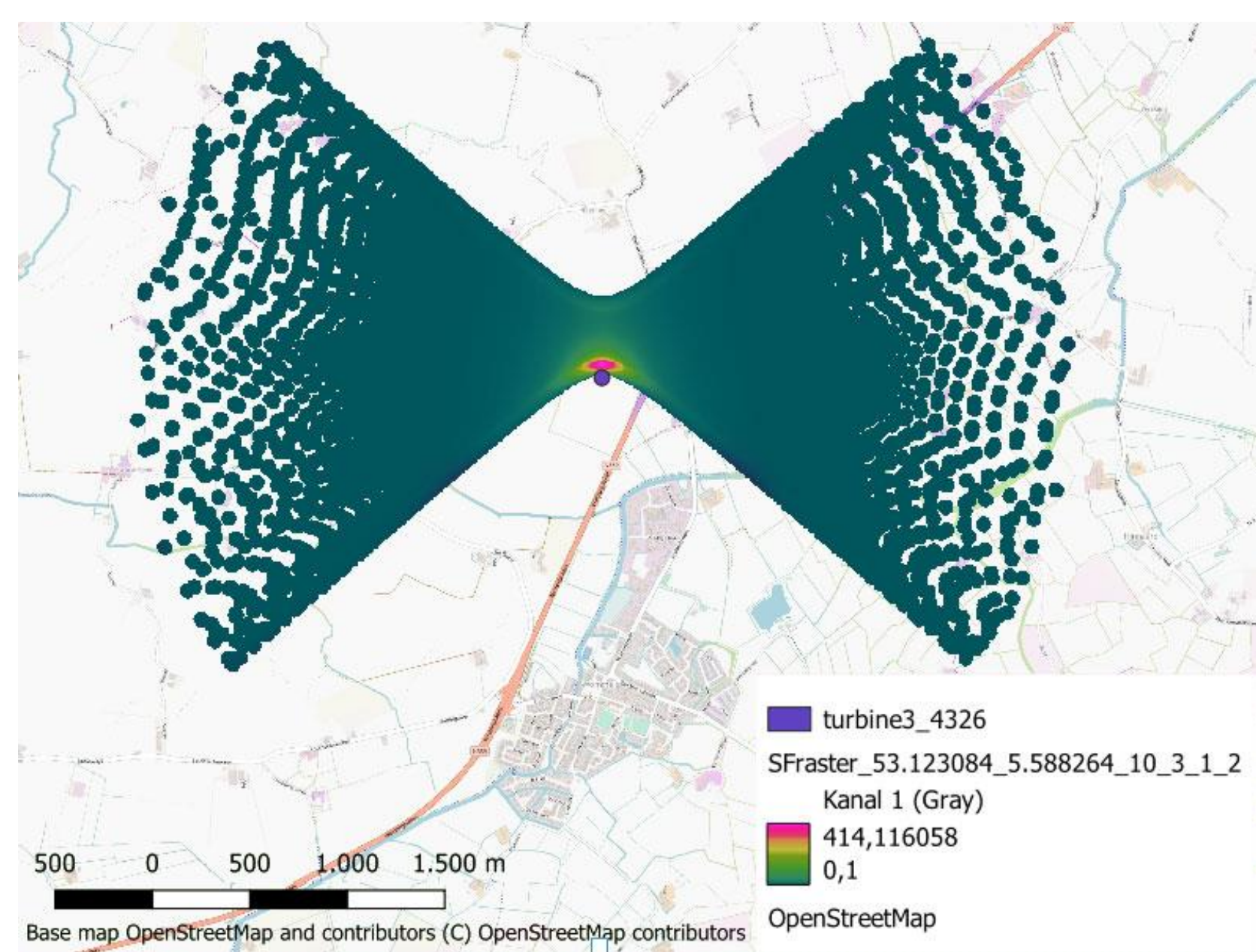
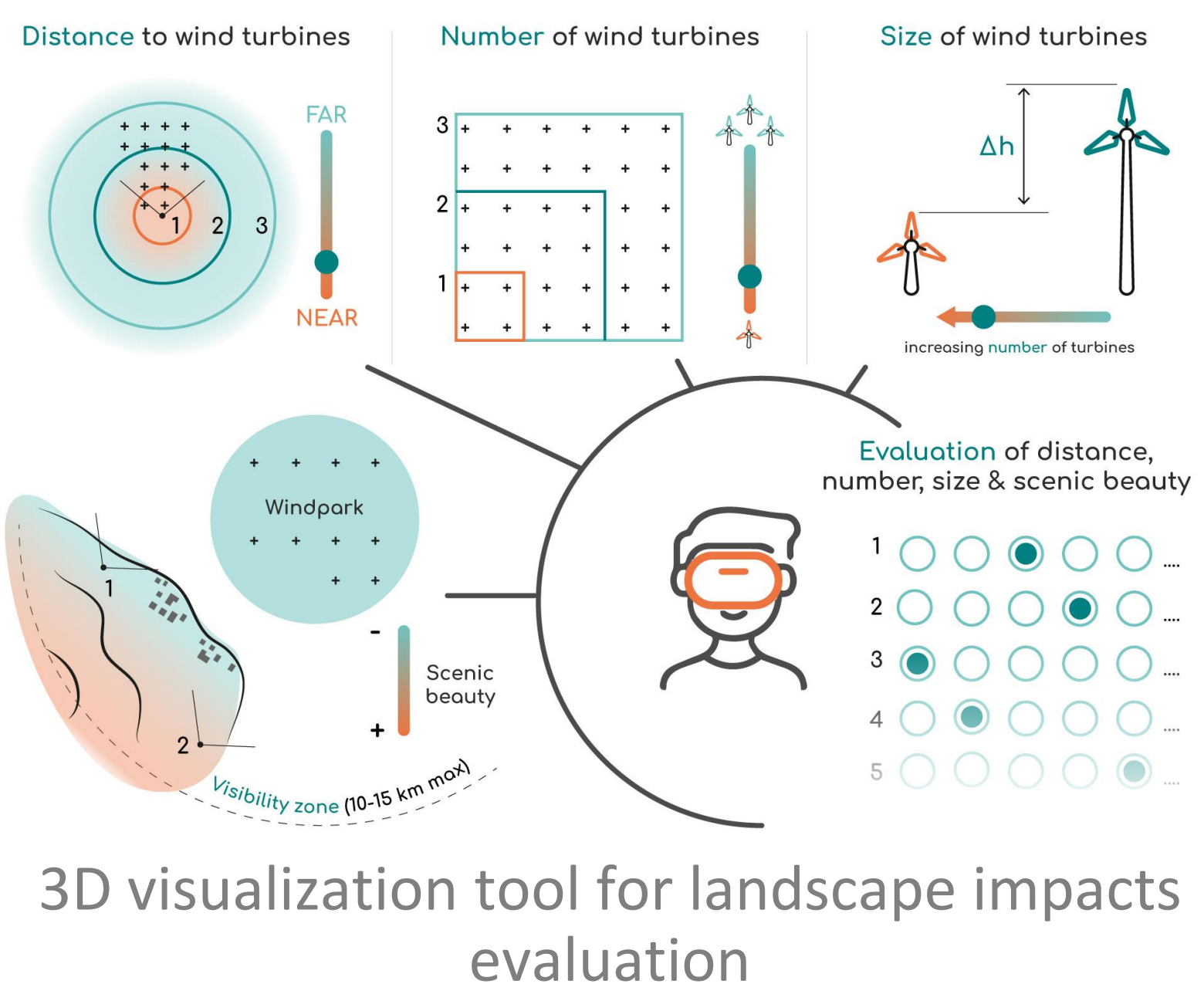
APPROACH

Tenets of Transitional Justice in WIMBY

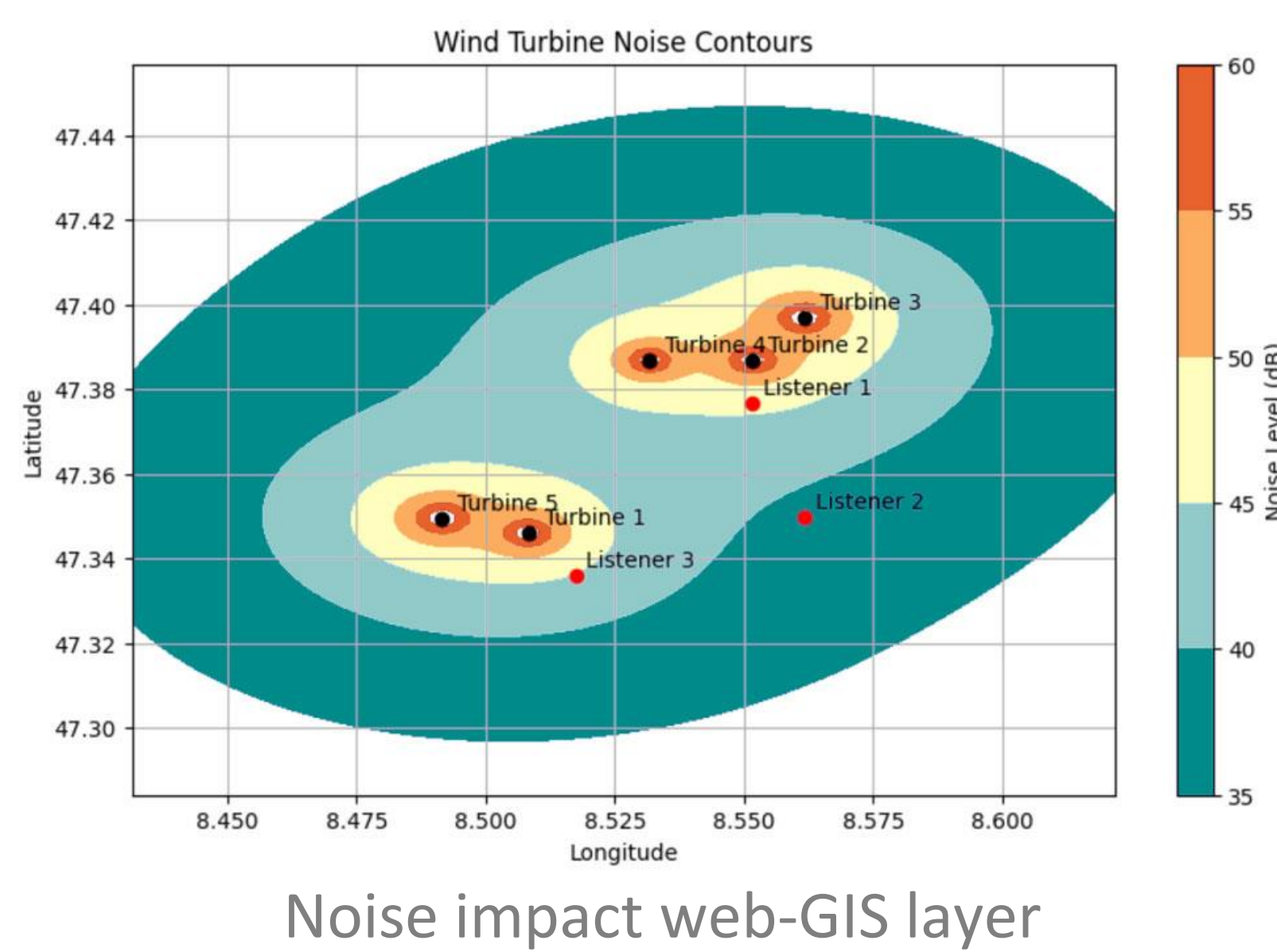
- Identify the concern
- Identify who it affects and how repercussions are perceived subjectively by the groups
- Identify remediation strategies through an interactive immersive 3D environment and a web-GIS forum



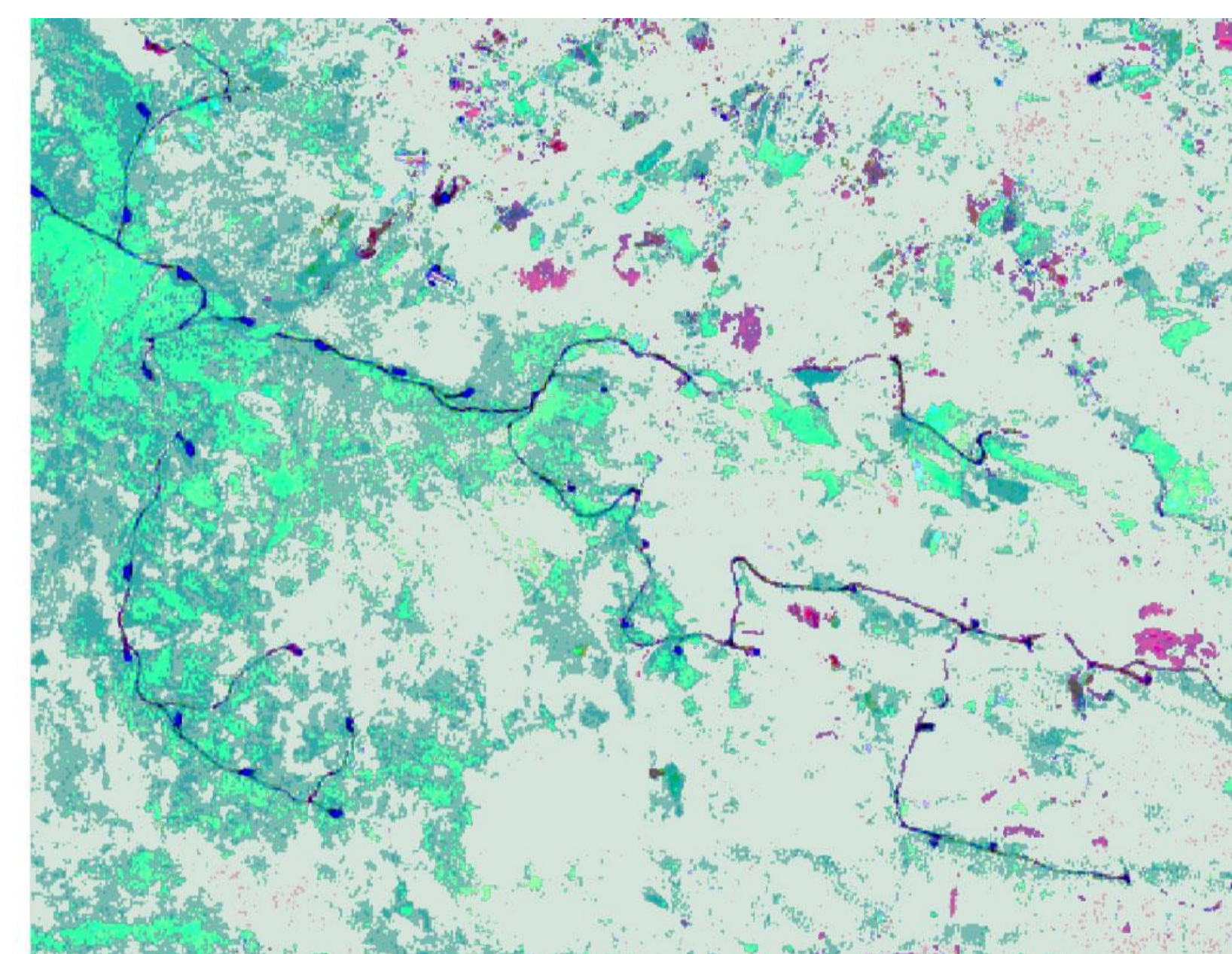
PRELIMINARY RESULTS AND IMPACTS



Shadow flickering web-GIS layer



Noise impact web-GIS layer



Biodiversity and land use layers

DISCLAIMER

Views and opinions expressed here are those of the Consortium alone and do not necessarily reflect those of the European Union or CINEA. The European Union and the granting authority cannot be held liable. This project has received funding from European Union's Horizon Europe under Grant Agreement N° 101083460.

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