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Main steps in EIA: EIA program

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Training Workshop on EIA in the Republic of Moldova

28 February 2024

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Purpose

- EIA should be focused on **relevant** environmental impacts
- To determine the level of detail of the information to be included in the EIA report = to determine the **‘scope of assessment’** (including ‘scope of biodiversity assessment’)

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EIA program includes identification of

- Reasoned and feasible **alternative options** to be considered
 - Location
 - Technology
 - Size and scope
 - Timing
- Environmental impacts for **different environmental factors**, which needs to be described in EIA report
 - All project phases have to be considered – construction, operation, decommissioning
 - Main environmental issues should be identified
 - Likely transboundary impacts should be considered

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EIA program includes identification of

- Scope and **assessment methods**
 - Methods may differ for different environmental issues
 - Qualitative x quantitative assessment
- **Qualification of experts** involved in preparation of EIA report
 - Should reflect main environmental issues
- **Preventive measures** to be taken into account;
- **Studies** necessary to characterize the existing environment
 - Baseline studies – the scope and extent should be reasonable i.e. to provide sufficient information to analyze the likely impacts
 - Territorial scope should be indicated

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Case example: Scoping statement on wind power plant, Trebom, Czech Republic

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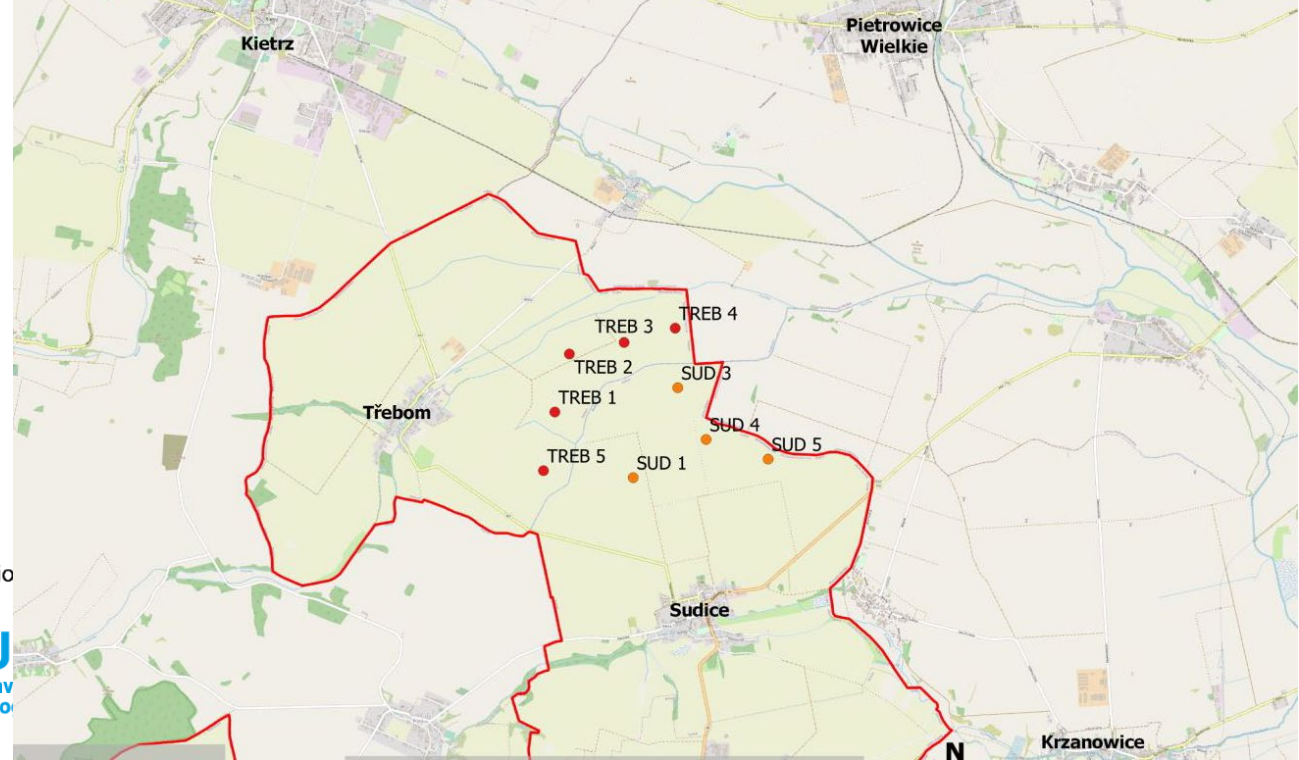
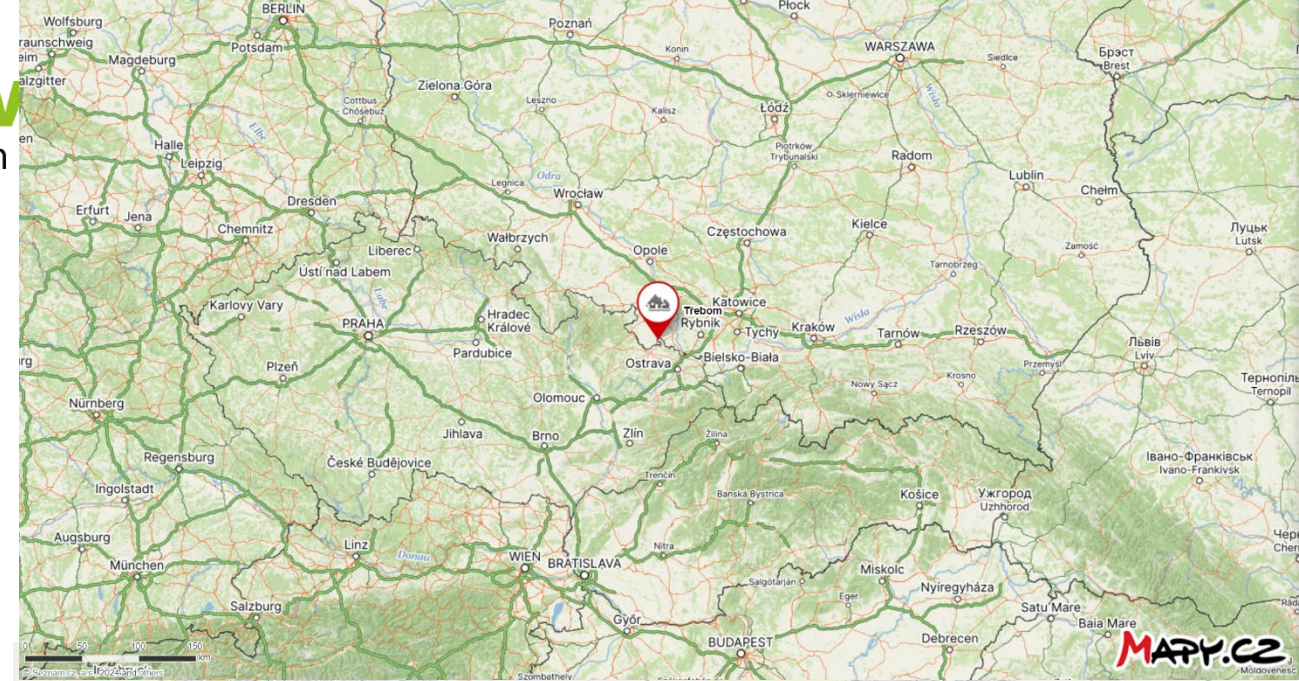


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Background information

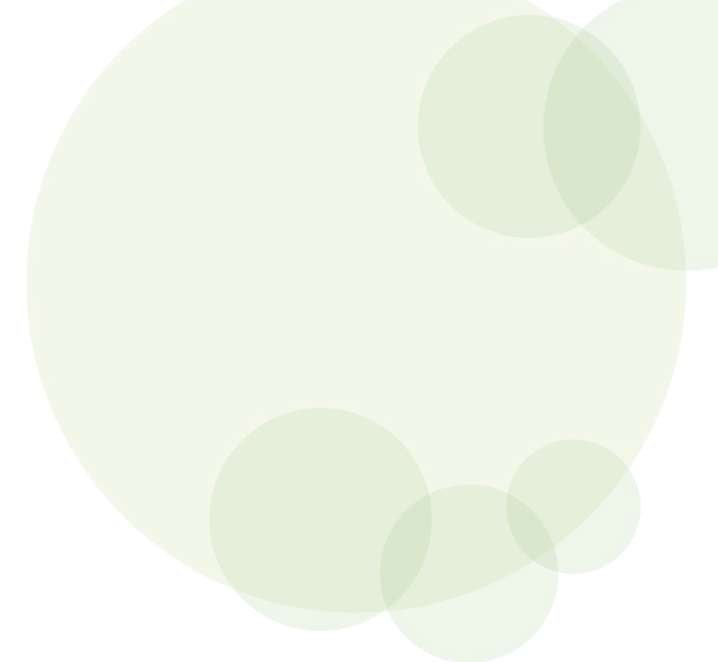
- 5 wind power installations
- Location close to the national borders with Poland
- Scoping statement issued by the Ministry of Environment





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Requirements stipulated

- To carry out the detailed noise study including
 - Analysis of the likely noise impacts on the population
 - Definition of existing noise levels
 - Analysis of likely cumulative impacts with other projects
- To prepare health risk assessment study (considering in particular the noise impacts)

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Requirements stipulated

- To analyze the likely impacts on the landscape, considering in particular
 - historical site with St. Jan Křtitel church
 - distance of the project site from higher positioned points (hills, observation towers)
- To carry out ornithological study, including in particular Grey partridge (*Perdix perdix*), Montangu's harrier (*Circus pygargus*), Ortolan bunting (*Emberiza hortulana*), Western Yellow Wagtail (*Motacilla flava*), and considering also migratory species (e.g. goose)

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Requirements stipulated

- Analyze the transboundary impacts on Poland, considering:
 - Natural reserves ‘Góra Gipsowa’ and ‘Las Rozumicki’ (which is also Natura 2000 site)
 - Likely impacts on populated areas related to the noise and stroboscopic effects (including noise modelling)
 - Likely impacts on the landscape taking into account views from Poland

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Practical aspects

- More detailed information on activity and the location enable to define detailed requirements on EIA
- Scoping out is also important (i.e. certain environmental issues can be explicitly excluded from EIA scope)
- Scope of assessment should be discussed with the initiator
- The EIA program should also identify the public concerned and other relevant stakeholders and specify requirements regarding consultations

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Thank you for your attention!

Martin Smutny

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