



Case examples on scoping: SEA for Transport Sectorial Strategy 2, Czech Republic

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Training of Trainers

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Case Example 1:

SEA for Transport Sectorial Strategy 2

- Strategy deals with 1270 road projects in 260 clusters, 360 railway in 90 clusters, and 20 water transport projects in 3 clusters
- It applies Multi-Criteria Analysis (MCA) for selection of priority investments
 - Desirability of a project (transport, economic, social)
 - Realization obstacles (land-use planning, environmental)
 - Preliminary Cost-benefit analysis
- Transport model supplies information on present and future transport intensities on network and their changes in case implementing individual investments
- GIS data only for corridors (digital map with +/- 1 km accuracy)

Key issues addressed in scoping

Major issues:

- Biodiversity and Natura 2000
- Air quality
- Health

Minor issues:

- water, cultural heritage, forests, soil

Transboundary impacts

Specific concerns for biodiversity

- Natura 2000 sites
- Special protected areas
- Loss of natural habitats
- Supra-regional and regional territorial systems of ecological stability
- Important landscape features
- Landscape fragmentation (new projects in unfragmented area by traffic; in areas important for migration)
- Water regime of landscape (wetlands, protected areas for natural accumulation of water and large forest areas)

Specific concerns for air quality

Changes of transport intensities in:

- Urban areas (old and new roads, increasing and reducing intensities below 15,000 cars per day)
- Sensitive ecosystems (large-scale protected areas, forests, areas above 800 meters above sea level)

Total emissions in areas with poor air quality status

Specific concerns for human health

- Air emissions in urban areas
- Noise (isolines 60 dB)
- Socio-economic impacts (accessibility for work-related travel and social and health services)

Minor issues

- **Water:** areas of natural water accumulation and water bodies for drinking water supply, protected areas of mineral waters, barrier effect in flood zones)
- **Soil:** general impacts on soil types
- **Cultural heritage:** nationally important cultural monuments and heritage reserves - impacts caused by vibration and aesthetic concerns
- **Climate change:** consistency with relevant targets for climate change mitigation in the transport sector

Scoped-out

- Waste
- Soil and forests

SEA team proposed to scope these out, however MoE required “full scope of assessment”