

<http://www.natura-2000-synergies.net>

The European NATURA 2000 Network as a factor of rural development in the Ore Mountains (CZ/DE)

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The Project Green Network Ore Mountains



Ziel 3 | Cíl 3

Ahoj sousede. Hallo Nachbar.
2007-2013. www.ziel3-cil3.eu

Aim:

- To identify and strengthen synergies between nature conservation (NATURA 2000) and rural development

Project partners:

- Leibniz Institute of Ecological and Regional Development (IOER); Lead Partner, Germany
- Faculty of Environment of the J. E. Purkyně University, Ústí nad Labem, Czech Republic
- The Western Ore Mountains and Central Ore Mountains Land Care Associations, Germany

Funded:

- by the European Union (EFRE Objective 3 / INTERREG IV A)

References: Bastian, O.; Neruda, M.; Filipova, L.; Machova, I.; Holec, M.; Leibenath, M. (2010): NATURA 2000 sites as an asset for rural development: The German-Czech Ore Mountains Green Network Project.- J. of Landscape Ecology

Study Area Ore Mountains

- Ore Mountains (*Erzgebirge / Krušné hory*) = **shape** of a slanted writing desk some 150 km in length, formed by tectonic forces
- **Ridge** averaging **800-1000 m** above sea level (max. 1244 m)
- **Border** between Saxony and Bohemia (Germany / Czech Republic) for many centuries
- **Acid rocks** and soils, **raw climate**
- Rich in **beautiful landscapes**, many raised bogs, mountain meadows and spruce forests
- **Traditional cultural landscape** of European significance, esp. shaped by ore mining

Study Area Ore Mountains



Fotos: O. Bastian

Upper Ore Mountains: Important sites of many rare and threatened animal and plant species



Fotos: O. Bastian, archive UJEP

Project goals

- Improve cross-border **awareness of NATURA 2000**
- Identify and develop **synergies between nature conservation and rural development**, especially in the spheres of conservation-friendly agriculture and forestry, rural tourism and environmental education
- Enhance **transboundary cooperation**



Fotos: O. Bastian, M. Scheffler

Workshop series I 2010 / II 2011

- „Sustainable use and management of the cultural landscape Ore Mountains“
- „Sustainable tourism and environmental education in the Ore Mountains“



Fotos: O. Bastian, C. Wachler

Concept of strategies and measures

1 – Landscape management

- **Cooperation** of authorities and organizations responsible for landscape and biotope management
- Exchange of **experiences**



Concept of strategies and measures

2 – Regional product and marketing chains

- Long-term maintenance of valuable **mountain meadows**
- Markets for **local products**



Wild apples and
derived products

Foto: Grüne Liga Osterzgebirge

Concept of strategies and measures

3 – Bioenergy

- Energy recovery of biomass from landscape management measures



Foto: M. Leibenath

Concept of strategies and measures

4 – Wind energy

- Wind turbines may **disturb animals** (bats and birds), alter landscape's **visual quality** and attractiveness for tourists
- Choice of **suitable sites**, exclusion of protected and aesthetically sensitive areas (e.g. the mountain ridge)
- Intensification of **regional planning** and cross-border Environmental Impact Assessment



Foto: O. Bastian

Concept of strategies and measures

5 – Black Grouse

- **Decline:** due to afforestation, predators, disturbances (e.g. by tourists)
- Needs: maintaining and restoring **habitats**
- resolving conflicts with **land users**



Fotos: J. Gläßer



Concept of strategies and measures

6 – Tourism

- Competitive destination management **organisations** („Destinační agentura Krušné hory“ in Klíny)
- Common **marketing strategies**
- Stimulation of **bi-/multilingualism** on both sides of the border
- **Innovative offers** in the sphere of rural tourism
- Better cooperation between **nature conservation** and tourism



Foto: C. Wachler

Concept of strategies and measures

7 – Environmental education and visitor management



Foto: M. Scheffler

- **Education** of visitors
- Visitor management in **fragile ecosystems** (e.g. raised bogs, black grouse habitats)
- sophisticated **tourism concepts**
- Use of **new technologies** (e.g. smartphones)

Concept of strategies and measures

8 – Winter sports

- Ecologically-compatible **ski trails** on both sides of the border



Foto: M. Scheffler

Results

- Cycle path Ostrov – Krásný Les near Petrovice village in Ore Mountains (Erzgebirge)
- Nature trail „Černý potok“ stream restoration
- And few other brochures made by German colleagues
- Restoration of „Černý potok“ stream near Telnice - Adolfov in Ore Mountains – information table



Second project: Together plan and make city gardens

- UJEP
- Umweltzentrum Dresden
- HTW Dresden (Hochschule für Technik und Wirtschaft)
- One year small project -2011 (Ziel 3, Aim 3)
- Common work of students and staff – prepare plans of vegetation planting
- Trees and flowers have been planted on May 2011
- Garden allotment near train station Dresden Neustadt



Planting of vegetation 6.-7.5.2011



Thank you for your attention!



*Foto: O.
Bastian*