

Company: Českomoravské štěrkovny a.s.
Location: Quarry Mašovice by Znojmo, Czech Republic

Objective Recultivation of a granite quarry – Important report to Increasing Ecological Stability of the Territory.

Context At the end of the 1990s, the company Českomoravské štěrkovny a.s. decided to cease mining in this area and change the quarry into a natural and aesthetically valuable area interesting for both rare biota and local inhabitants and tourists. These activities are supported because there is the National Park Podyjí nearby and endangered Triturus carnifex appear in this area. Thanks to this species, this area is part of a Natura 2000 system.

Solution The original intention of recultivation by forestation and farmland was displaced by an alternative plan with maximal use of natural evolution. In this way a rare project was realised which takes the account of the natural processes and characteristics of the area to create a natural and aesthetically valuable area.

Habitat creation details

- Creation of a protective border
- Diversification of the aquatic environment
- Regulation of tree species
- Regeneration of plant species close to nature
- Support of recreational use of the area
- Long-term management and monitoring

Result Thanks to the targeted impacts and natural processes after the mining finished, the quarry is being gradually changed into a biologically and aesthetically valuable locality with priority given to optimal conditions for the endangered Triturus carnifex which is the object of protection. The project of revitalization of the quarry presented by the mining company, was recognised in international UEPG Sustainable Development Awards, in Brussels in 2007, where it won the prize Special Award 'Natura 2000'.

