

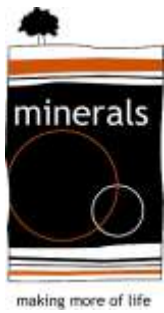
From theory to practice



HeidelbergCement and the
implementation of biodiversity
action plans

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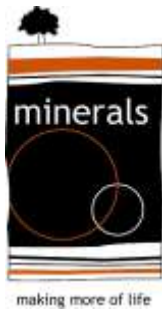
HeidelbergCement & Biodiversity



- ✓ Development of specific indicators for mining sites
- ✓ Implementation of KPI's and targets for 2020
- ✓ Implementation of guidelines for Europe & Asia/Oceania
- ✓ Collection and exchange of best practices worldwide
- ✓ Local cooperation with NGO's
- ✓ Pilot projects with GTZ, Universities and local communities (Georgia & Tanzania)

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Biodiversity Action Plans



- **Definition**

Cost efficient tool to support the company's contribution to biodiversity and ecosystem protection and to avoid conflicts with nature protection associations and local communities

- **Goal**

To secure the raw material supply and production in the context of the strict biodiversity and ecosystem protection legislation

- **HC pilot project 2009-2010**

50 EU mining sites were selected to develop a GIS database concept and a corporate template for further Biodiversity Management Plans (BMPs)

- **Next steps**

Develop "Specific Biodiversity Management Plans" for all mining sites in Europe that belong to the Natura 2000 network

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Biodiversity Action Plans

Biodiversity Management Plan for Gravel pit Alsózsolca Dunai Kavicsüzemek Kft.



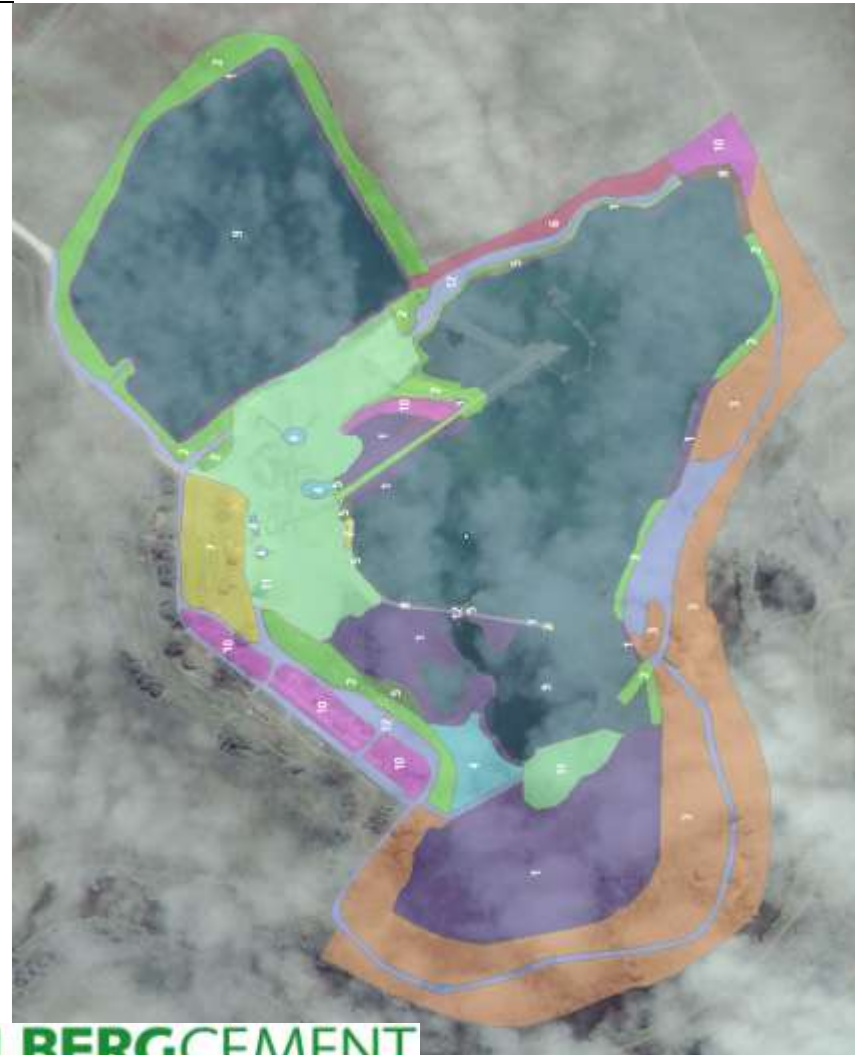
May 2010

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Biodiversity after 2010

- **Environmental Liability Directive**

Risk assessment procedure for cement and aggregates locations

> *The industry should find a common approach to answer open questions*

- **The Economics of Ecosystems and Biodiversity (TEEB)**

Focus on chapter 3 - TEEB for business: “Measuring and reporting biodiversity and ecosystem impacts and dependence”

- “**The net positive impact**” from biodiversity rehabilitation is already clearly proven in numerous scientific studies.

- **Biodiversity offsetting** makes no sense from a biological nor economical point of view.

- **Biodiversity Indicators:**

Very few existing practical sets of indicators

> HeidelbergCement developed *10 own indicators* which are adapted for measuring and controlling effects on biodiversity in operating extraction sites and their after-use.

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