Recultivation and Resettlement in the Rhenish Lignite Mining Area – Stakeholder Dialogue as an Important Element of Sustainable Development

Dr. Jacobus den Drijver

RWE Power AG, Mine Planning and Environment Protection

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Outline

- Introduction
- Aspects of Sustainability and Relevant Stakeholders
- Selective Examples for Sustainability
  - Recultivation
  - Resettlement
  - Tailored Administration
- Conclusion
RWE Power

- RWE Power is the electricity producer within the RWE Group in Continental Europe
  - Workforce of about 17,000 inside and outside Germany
  - Broad-based energy mix with renewables, lignite, hard coal, natural gas, nuclear power
  - Electricity generation of more than 180 TWh/a

![Electricity generation](chart)

Electricity generation
184 TWh (2006)
Rhenish Lignite Mining Area

- Garzweiler II opencast mine
- Inden opencast mine
- Hambach opencast mine
- Neurath
- Frimmersdorf
- Niederaussem
- Fortuna-Nord
- Weisweiler
- Cologne
- Ville/Berrenrath
- Goldenbergwerk
- Wachtberg
- Rur
- Rhine

Legend:
- Operational area
- Agricultural recultivation
- Forestry recultivation
- Lakes
- Power plants
- Refining plants
- Approved mining boundaries
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Sustainable Lignite Mining

- Usual understanding: Economic aspects, Ecological aspects, Social compatibility
- Additional important aspect: Security of supply
Relevant Stakeholders

- Agriculture
- Regional public
- Local governments
- Industry
- Authorities
- Churches
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Recultivation
Recultivation – Agriculture
Recultivation – Ecology
Recultivation – Ecology
Recultivation – Recreation
Recultivation – Recreation
Residual Lake
Residual Lake
Interests of the Stakeholders
Resettlement
Resettlement
Involving local inhabitants by visiting different types of settlements
Resettlement
Involving local inhabitants in planning workshops
Resettlement
Involving local inhabitants by „morning pints“ to present the planning concepts
Resettlement
Resettlement
Tailored Administration
Lignite Commission („Braunkohlenausschuss“)
Tailored Administration
Mining Authority

District Planning Authority Arnsberg

Department 8
Mining and Energy NRW

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Conclusion

- RWE Power has implemented a well-functioning stakeholder dialogue

- The consideration of the aspects of sustainability will become ever more important - this will continue to be a prerequisite for the use of lignite

- The close dialogue with the various stakeholders will continue to be an important element of RWE Power‘s activities