



19. Januar 2007

Institut für Energetik und Umwelt
Institute for Energy and Environment

www.ie-leipzig.de

Forschung, Entwicklung,
Dienstleistung für
- Energie
- Wasser
- Umwelt

WP5 „Exploitation, economic, environmental and social impacts“

3rd Meeting, Potsdam 10th&12th January 2007



in cooperation with
Institute for Environmental Technology and Energy Economics
Technische Universität Hamburg-Harburg



Institut für Energetik und Umwelt gGmbH, Torgauer Str. 116, D-04347 Leipzig, info@ie-leipzig.de



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Agenda

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- Agenda Work package meeting Wednesday
 - Time table
 - Reports of study and scientific dissemination
 - Article “Economic Approach of Geothermal Energy“
 - Article “Non-Technical Barriers”
- Agenda Work package meeting Friday
 - Article “Environmental Impacts”
 - Article and workshop “Increasing Policy Makers Awareness”



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Article „Economic Approach of Geothermal Energy“

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- Status of geothermal heat and electricity production in Europe
- Exploitable resources: comparison low and high enthalpy fields
- Case studies of 1 or 2 high enthalpy resources for heat and power production and comparison to other energy sources
- Case studies of 2 or 3 representative low enthalpy resources for heat and power production and comparison to other energy sources
- Conclusions

Who can contribute drilling costs, costs for risk insurance, etc. ????



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Article „Non-Technical Barriers“

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So far identified non-technical barriers:

- Difficulties with funding, financing, insuring
- Unfavorable administrative conditions
- Organisational difficulties
- Lack of knowledge and adequate flow of information
- Insufficient perception and acceptance by the public and policy makers

Something else????



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Article „Environmental Impacts“

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Who can contribute????

- Local impacts on the environment by low enthalpy fields
- Local impacts on the environment by high enthalpy fields
- Life cycle assessment of low enthalpy fields
- Life cycle assessment of high enthalpy fields



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Increasing policy makers awareness

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Workshop and article co-ordination by CRES



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Miscellaneous ?