WP4: Development of Joint Activities

Summary

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Renewable Energies
Geothermal Energy and Cross-Cutting Programmes
Overview

› WP4 “Development of Joint Activities”
  › Objectives
  › Structure

› Work done
  › Possible schemes and barriers for the joint activities
  › Development and Implementation of joint activities
  › Realized Joint activities

› Outlook
WP 4: Development of Joint Activities

Objectives:

1. The identification of joint activities
2. The definition of possible schemes and barriers for the joint activities
3. The preparation of an action plan for the implementation of joint activities in work package 7 „Implementation of joint activities“. 
WP 4: Development of Joint Activities

› Structure:

WP1 – ICELAND
Coordination, Management & Dissemination

WP3 – ITALY
Towards a EU Geothermal Database

WP4 – GERMANY
Development of joint activities

WP5 – SWITZERLAND
Engaging with stakeholders

WP6 – ICELAND
Transnational Mobility & Training

WP7-ITALY
Implementation of joint activities

Evaluation, Assessment, Coordination
Policy Formulation and Proposal

ERA NET Cofund
SET PLAN input
WP 4: Development of Joint Activities

„New“ structure:

WP2: Information Exchange

WP4: Development

WP7: Implementation

Workpackage „Joint activities“

Objectives
Identification of joint activities

Analysis of:
- Status of Geothermal Energy in the participating countries
- Technical & non-technical barriers & opportunities
- RD&D Needs in the participating countries

Results:
- Lack of Knowledge & Information Exchange in Europe
- Most urgent topics for the further development of geothermal energy
Selection Process
Selected Topics

1. Financial Instruments and Funding
2. Operational issues
3. Public relations and communication (acceptance)
4. New Concepts and innovative ideas
5. Reservoir sustainability
6. European Geothermal Information Platform
7. Data consistency

in parallel: Development of a possible scheme for joint activities
The Bottom-up Approach for European Cooperation

Requirements:
- Minor effort of financial and human resources
- Based on the input from the geothermal community to ensure the necessity of the results
- Integration of stakeholders from the different fields of geothermal energy
- Capable to produce high-quality results and solutions for non-technical and technical issues
- Capable to identify several topics for joint calls/tenders/projects
The Bottom-up Approach for European Cooperation

JA1: Information Exchange/ Knowledge Exchange groups - low budget: Working groups to tackle issues through several means (dedicated meetings/workshops/visits/...).
The Bottom-up Approach for European Cooperation

**JA2:** Joint work/review – limited budget: e.g. status report on a specific issue, detailed study to solve a specific issue etc. All interested countries could bring together budget for such an assignment, which is then of benefit to all.
The Bottom-up Approach for European Cooperation

**JA3:** Joint Call – significant budget: A joint call allows stakeholders in the participating countries to work jointly on developing new insights and new systems, in contrast to the first two types of joint activities that essentially aim to improve availability of or analysis of existing information, where it is required.
The Bottom-up Approach for European Cooperation

Possible schemes and barriers for joint activities
7 Joint Activities (JA1) on the selected topics

NWW

OpERa

EGIP

ReSus

Reports on all joint activities including realized follow-up options… …after the lunch break!
Outlook – From JAI 2 JAII

1. Invited Workshop – “Barriers & Opportunities and Policy Recommendation”
   October 5th 2015, Brussels
2. Operational issues
3. Public relations and communication (acceptance)
4. New Concepts and innovative ideas
5. Reservoir sustainability
6. European Geothermal Information Platform
7. Data consistency
Outlook – From JAI 2 JAII

1. Invited Workshop – “OpERA - Operational issues of geothermal energy installations in Europe“, October 1\textsuperscript{st} & 2\textsuperscript{nd}, Vaals (NL)
3. Public relations and communication (acceptance)
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1. Invited Workshop – “OpERA - Operational issues of geothermal energy installations in Europe”, October 1st & 2nd, Vaals (NL)
2. Workshop – “PRGeo – Public relations and communication concepts for geothermal energy installations”, November 4th, 2015, Essen.
4. Reservoir sustainability
5. European Geothermal Information Platform
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**Outlook – From JAI 2 JAlI**

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2. Workshop – “PRGeo – Public relations and communication concepts for geothermal energy installations”, November 4th, 2015, Essen


4. **Survey “Reservoir Sustainability” – 09/2015 & 03/2016**
   **Report – 05/2016 see www.geothermaleranet.eu**

5. **European Geothermal Information Platform**

6. **Data consistency**
## Outlook – From JAI 2 JAII

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2. Workshop – “PRGeo – Public relations and communication concepts for geothermal energy installations”, November 4th, 2015, Essen.


4. Survey “Reservoir Sustainability” – 09/2015 & 03/2016

5. EGIP Expert Group 01/2016-10/2016


7. Continuous workflow
   Including publications, survey, data analysis etc. via: www.geothermaleneranet.is
Outlook – From JAI 2 JAII

1. Financial Instruments and Funding
2. Operational issues
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Outlook – From JAI 2 JAII

As: “NWW – New ways of working” to be continued in the consortium and a possible follow-up project

1. Financial Instruments and Funding
2. Operational issues
3. Public relations and communication (acceptance)
4. New Concepts and innovative ideas
5. Reservoir sustainability
6. Realizing EGIP - Topic for possible Follow-up projects
7. Continued work on data management, possible cooperation w. IEA-Geothermal

OpERApedia – Webbased Information Portal on operational issues – 1st half 2017
Further information: www.geothermalera.net.is

Thank you!

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