



ENGINE COORDINATION ACTION

Minutes of the Steering Committee meeting 29th Thursday June 2006, Kartause Ittingen (Switzerland) 9:00 – 12:30

Patrick Ledru (p.ledru@brgm.fr)
Ad Lokhorst (ad.lokhorst@tno.nl), excused and represented by
Jan-Diederik van Wees (Jan_Diederik.vanWees@tno.nl)
Adele Manzella (manzella@igg.cnr.it)
Philippe Calcagno (p.calcagno@brgm.fr)
Ernst Huenges (huenges@gfz-potsdam.de)
Martin Kaltschmitt (mk@ie-leipzig.de), excused
Costas Karytsas (kkari@cres.gr), excused
Thomas Kohl (kohl@geowatt.ch)
Albert Genter (a.genter@brgm.fr)
Sverrir Thorhallsson (s@isor.is)

1. Formalities (Welcome/Apologies/Attendance)

E. Huenges welcomes the Steering Committee. He apologizes Martin Kaltschmitt and Costas Karytsas and introduces Jan-Diederik van Wees, representing TNO.

2. Approval of the Minutes of the SC meeting dated 27 April 2006

The steering committee approves the Minutes of the Steering Committee meeting dated 27 April 2006 and their presentation in the newsletter.

3. Presentation of the status of activities for each workpackage and organisation of the workshops

WP1. Project management

The situation of the management of the project is presented by A. Genter. Money transfer, corresponding to about 40 % of the total amount, has been performed for all partners. Signed contracts and consortium agreements have all been sent back to partners. The next transfer is planned for March 2007 after approval of the first report activity and corresponds to about 10% of the total amount. The second pre-financing advance payment is related to the cost statements done during the first reporting period (November 05 October 06). If the total amount of expenses done during the first reporting period is higher than 70% of the allocated budget, the second pre-financing advance payment will be effective on March or April 2007.

One partner, GPC, has changed name to Dafora-SASU following a decision of the tribunal. Implications for the management of the project will be discussed with the Commission administrative officer.

A report after 6 months of activity will be prepared before mid July according to the deliverable list. This report will constitute a first draft of the contractual report activity to be prepared before the 15th December 2006. It will be sent to all partners with instructions for the preparation of the contractual report activity that will include a financial part.

The organisation of the mid-term conference (11-12 January 2007) is discussed and a first draft of the program is being prepared.

WP2: The Information and dissemination system of the Co-ordination Action

P. Calcagno, leader of the WP2, presents the progress of the activities related to information and dissemination:

- The CD containing the whole contents of the launching conference has been diffused to all participants.
- The workshop 3 proceedings, dedicated to "Stimulation of reservoir and induced microseismicity", have been prepared on the same template as the launching conference. The CD will follow as well.
- The attribution of an ISSN number will be the rule for all these documents so that they will be registered. The BRGM is in charge of getting this attribution.
- The front page of the web site has been changed as recommended.
- The newsletter is appreciated but could be shortened.
- A press release must be updated regularly so that the dissemination of the project becomes effective.
- S. Thorhallsson shows a flyer, referring to ENGINE, presenting tourist hot-spots dedicated to geothermal energy in Iceland. This will be soon on the web site and inspire other flyers, especially for Tuscany.

A discussion follows about: the statistics of downloaded documents in order to evaluate the impact of the ENGINE project, the need of a research tool available on the web site, the need of a collaborative tool for editing documents directly on the web site.

The Steering Committee considers that the diffusion of information is a crucial matter. It is thus recommended to collect information about the downloading performed on the web site to evaluate the community that is susceptible to be touched. It is also required evaluating how a research tool could be implemented on the web site as well as a collaborative editing tool.

The coordination between WP2 and other WPs is then discussed. Contact persons for WP8 and WP9 are still to be named. The contact persons for other WPs have been contacted in order to update the presentation of each partners and the bibliographic list. Confusion must be avoided with the initiative taken by A. Manzella, leader of WP3.

The Steering Committee considers that some presentations can be prepared directly from the material already collected. The WP2 leader will use them for preparing a

template that will then be sent to all other partners, in agreement with other WP leaders.

A part of this action, GEUS is coordinating the collection of information on lighthouse projects.

WP3. Investigation of EGS and unconventional Geothermal resources, integration and expertise phases

Minutes of the WP3 meeting hold in Potsdam on the 28/04/2006 have been sent to all partners. They have been asked to fill tables with their field of expertise, to present their institution, their equipment and laboratory facilities, to send a list of publication and if possible pdf files of publications and reports. Some partners have already sent their contributions and the expected dead line was 30 May. The detail nature of these tables is discussed as some partners have expressed their concern about the volume of work to be done for that and of the duplication of work with existing database. The possibility to use specific tools for managing and sharing bibliographic information is also a matter of debate. J.D. Van Wees mentions JABREF (Java application), a software available on the web and used by TNO.

The Steering Committee considers that the redundancy with existing database is not likely. However, it is important that the main activities with the main reference papers of the different institutions become easily available on an unified database and on a pre-defined structure. It is likely to provide a “top 5” (up to “top 50” for large institutions) publications for all partners and that could be stored for testing on the JABREF tool or any available tool. This could be done by mid-July.

The organisation of the Potsdam workshop 1 “Defining, exploring, imaging and assessing reservoirs for potential heat exchange” (6-7 November 2006) is discussed. Presentations will be limited to few talks and a large part of this meeting will be dedicated to discussion.

WP4. Drilling, stimulation and reservoir assessment, integration and expertise phases

The activity of WP4 has been running smoothly and has been focused on the preparation of the Workshop 3 “Stimulation of reservoir and induced microseismicity” to be held in Ittingen Karthause (Switzerland), organised by GEOWATT: 53 participants from 4 continents, 3 sessions, 27 papers.

A feed back from this first workshop is done by T. Kohl. It is stated that the preparation has been time consuming. The objectives of the workshops are also discussed as a balance must be found between presenting the state of the art but also discussing gaps and bottleneck and preparing recommendation for future projects. Following this workshop, it has been decided to prepare a short debriefing note to be published in the next newsletter.

WP5. Exploitation, economic, environmental and social impacts, integration and expertise phases

The next Workshop 5 “Electricity Generation from EGS” is organised by BRGM and IE on the 14-15th September with an optional visit on the 16th, may be on the Basel drilling site. A meeting of WP5 will be organised on the 14 September morning. The meeting will be hold in the Hotel Le Régent, in La Petite France. 20 presentations are

planned, 15 of which being given by industrial companies that are not involved in ENGINE. That will be an opportunity for the partners of the ENGINE network to develop their contacts with the industrial activity. The web site will be opened as soon as possible (before mid-July) and all partners from Engine will be informed and invited to register.

The steering committee insists on the fact that this workshop is focused on the economic impact of the EGS. It is thus largely open to external contributors in order to expand the topics of interest for the ENGINE partners. However, it is important that all partners get the opportunity to register in priority as soon as possible.

4. International contacts

Review of the different initiatives taken for the development of international links is done:

- An extended abstract presenting the ENGINE project has been prepared for the next GRC meeting in San Diego, 11-13 September 2006, co-signed by the members of the Steering Committee.
- A letter has been sent to the US Department of Energy to express the interest of the ENGINE coordination action for establishing collaboration
- An opportunity of extending the ENGINE consortium to include partners from developing countries with some experience in reservoir stimulation has been taken in the framework of the INCO call for tender. Partners from Mexico, El Salvador and Philippines have been identified and associated to the proposal. The result of this proposal is expected soon.
- Following the IEA-IGA meeting in Paris (16-17 March), official request has been done for France becoming official partner and giving delegation of the representation to BRGM. The ENGINE coordinator is thus invited to the next Executive committee that will be hold 7-8 September in San Diego.
- A link with IEA-GIA web site will be added on the ENGINE website

5. Strategy for developing partnerships with stakeholders

Each member of the Executive Group has been contacted to establish a short list of potential participants to the stakeholder committee. A new letter has been prepared pointing out the reciprocal interest of the stakeholders and ENGINE partners to participate to this committee. Visits to these stakeholders will be organised to present the progress of the ENGINE project in order to prepare a first meeting on the 10th January 2007.

6. Next meeting

The steering committee will hold his next meeting in Potsdam on Sunday 5 November 2006, from 1.00 pm to 5 pm, before the start of the workshop 1 dedicated to "Defining, exploring, imaging and assessing reservoirs for potential heat exchange".