



## Minutes of WebConference

Title	DESCRAMBLE Web Conference
Place	Pisa
Date	14 October 2015, 9:30
Prepared by	Ruggero Bertani
Purpose of Meeting	synergies with JBBP and IDDP
Main Conclusion	

In order to explore the possibilities of synergies and information exchanged with similar international projects, a WebConference with Icelandic IDDP and Japanese JBBP teams was organized.

For DESCRAMBLE Ruggero Bertani presented the status of the project (see annex I).

For IDDP Guðmundur Ómar Fridleifsson presented the lesson learned by the IDDP-1 experiment and the status of the IDDP2, which will be supported by H20202 under the DEEPEGS project (see annex II).

For JBBP Nobukazu Soma highlighted the status of the activity, which is at a very early stage and its timetable much less defined or established.

The following items were discussed by the participants:

- What is the SCOPE\_OF\_WORK for each of the three projects? what are the expected conditions at target depth? temperature, pressure, permeability, chemistry of fluids.
- for JBBP and IDDP: what are the main differences from previous experiences and the present program? which are the most important lessons learned?
- Descramble project is targeted to a seismic marker (k-horizon). Do you have the same conditions? How seismic data can identify supercritical conditions?
- Please comment on the following aspects:
  - well control procedure and equipments
  - drilling fluid composition and cooling
  - casing
  - cement
  - mud logging & gas sampling
- Descramble team perceive as one of the most critical point of the project the production test → how do cope with this aspect?
- Descramble team is developing a logging tool for measuring pressure and temperature at super critical conditions. Are there any synergies between the Icelandic/Japanese projects and Descramble? Maybe other projects can benefit from using the tool developed in Descramble?



- What are the future needs/market for downhole instrumentation of super-critical geothermal wells?
  - Permanently instrumented systems
  - Logging tools and wireline for temperatures above 400°C
  - Besides pressure and temperature, what are the most important parameters to measure? Are there any special needs for super-critical wells compared to lower temperature geothermal wells?

After a stimulating debate, it was decided to organize an open discussion table between DESCRAMBLE and DEEEPEGS team, considering also the presence of EGP in both the projects, starting with a meeting in Italy between Italian and Icelandic expert for sharing ideas and opinions on well design, material, well control and production test, planned for January 2016.

Further meetings and videoconferences will be organized on specific tasks and problems. The Japanese team will join the working group later, when their project is better defined.

No other business were raised by the participants.

The meeting was adjourned at 10:30.