Joint Activity CREST & SoE:
Integrated Development Processes for Hydropower and Deep Geothermal Projects - Regulatory, Political and Participatory Perspectives (idea-HDG)
Background

• Increasingly difficult to get **authorization** for HP & DGE projects and increasing **duration of authorization process**

• Work on enhanced development procedures requires tight integration of technical, socio-political and legal aspects

• Integration of activities of SCCERs **CREST** and **SoE**

• Funding of CHF 1M for **2017-2020** with matching funds

• Kick-off meeting on 18 May 2017
Objective of the JA

Provide **recommendations** on how
- a. project development processes (public engagement),
- b. the legislative framework,
- c. governance structures

could be enhanced to facilitate the **resolution of conflicts** among stakeholders and thus **reduce project risks**.
## Research partners

<table>
<thead>
<tr>
<th>ETHZ</th>
<th>Conflicts and Governance (WS1)</th>
<th>Acceptability and Public Engagement (WS2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• D-USYS TdLab</td>
<td>• D-USYS TdLab</td>
</tr>
<tr>
<td></td>
<td>• D-USYS Climate Policy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• D-ERDW SED</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Basel</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>• Faculty of Business and Economics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Luzern</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Faculty of Law</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ZHAW</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Center for Public Commercial Law</td>
<td>• Institute for Sustainable Development</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Center for Innovation and Management</td>
</tr>
</tbody>
</table>
Conflicts and Governance (WS1)

Focus on **stakeholders** and **governance structures**

- Survey of existing regulation and authorization procedures for HP & DGE
- Map stakeholders for HP and DGE, assess conflicts
- Survey existing risk assessment procedures
- Assess the contribution of traffic light systems and the implementation of safety norms
- Analyze policy frameworks determining infrastructure expansion
Acceptability and Public Engagement (WS2)

Focus on public opinion and public engagement procedures

- Survey experiments on stakeholders’ preferences
- Content analysis of government-stakeholder discussions
- Assess the effects of scenarios on public opinion
- Analysis of media discourses
- Focus groups and experiments with the public

- Stronger empirical focus on SCCER SoE P+Ds
- Topical focus “Wasserzins” and periglacial dams
Structure

Project Development and Public Engagement Guideline

WS1

Legal Context, Risk & Acceptability

Insights on Sources of Acceptability

WS2

Jointly Selected SoE P + D Projects
For more information...

Management office of the Joint Activity
Andrea Ottolini-Voellmy
andrea.ottolini@unibas.ch

Academic Coordinator of the Joint Activity and WS1 coordinator:
Prof. Dr. Sebastian Heselhaus, University of Lucerne: sebastian.Heselhaus@unilu.ch

Coordinator WS2
Dr. Olivier Ejderyan, ETHZ
olivier.ejderyan@usys.ethz.ch

Website