

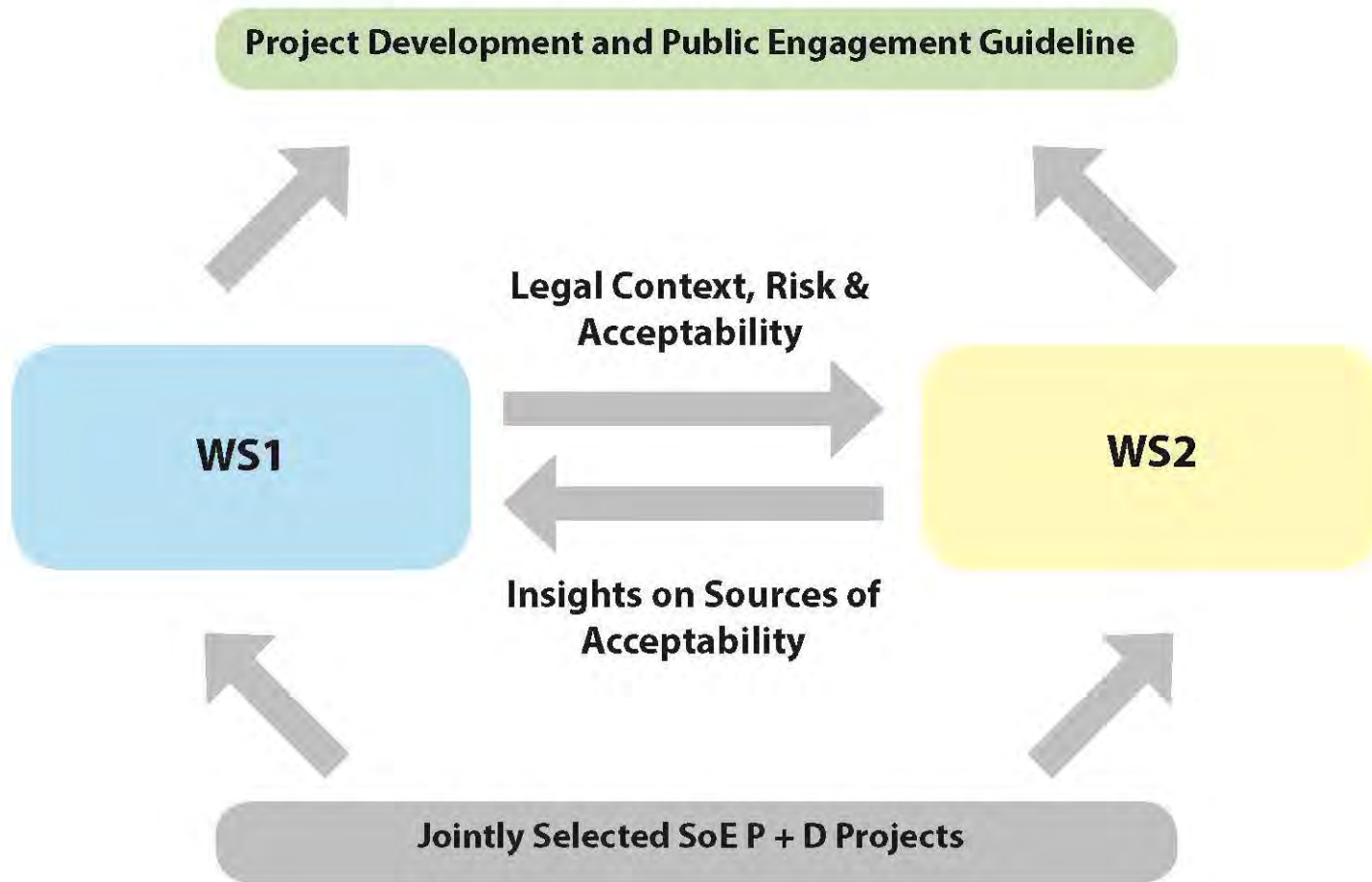
# First results from the „Joint activity integrated development processes“ (JA IDEA between CREST & SoE)

SCCER-SoE, annual conference, 13.09.2018

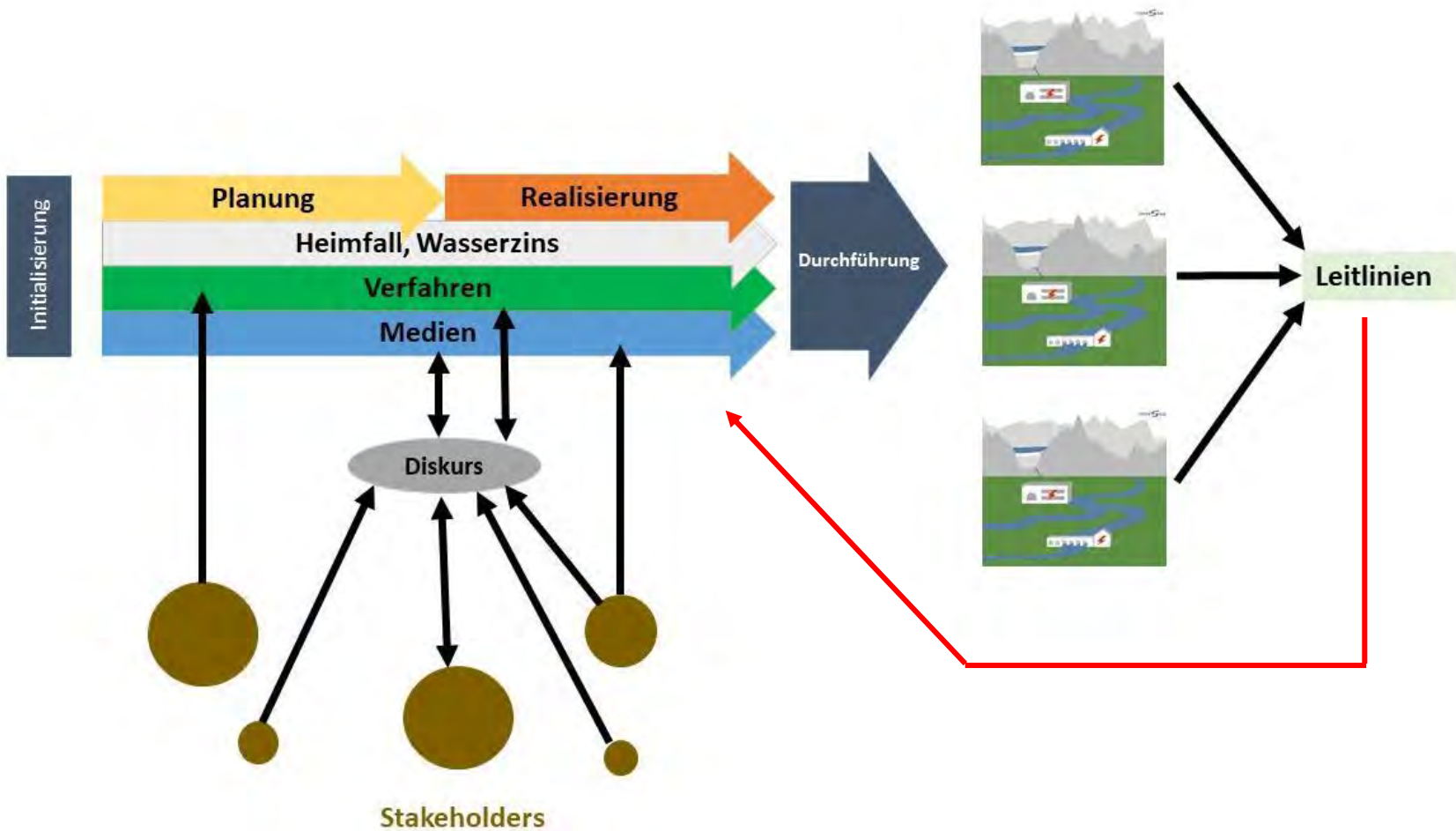


# Structure

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# Focus of the JA



# Research partners

	Conflicts and Governance (WS1)	Acceptability and Public Engagement (WS2)
<b>ETHZ</b>	<ul style="list-style-type: none"><li>• D-USYS Climate Policy</li><li>• D-ERDW SED</li></ul>	<ul style="list-style-type: none"><li>• D-USYS TdLab</li></ul>
<b>University of Basel</b>		<ul style="list-style-type: none"><li>• Faculty of Business and Economics</li></ul>
<b>University of Luzern</b>	<ul style="list-style-type: none"><li>• Faculty of Law</li></ul>	
<b>ZHAW</b>	<ul style="list-style-type: none"><li>• Center for Public Commercial Law</li></ul>	<ul style="list-style-type: none"><li>• Institute for Sustainable Development</li><li>• Center for Innovation and Management</li></ul>



# Conflicts and Governance (WS1)

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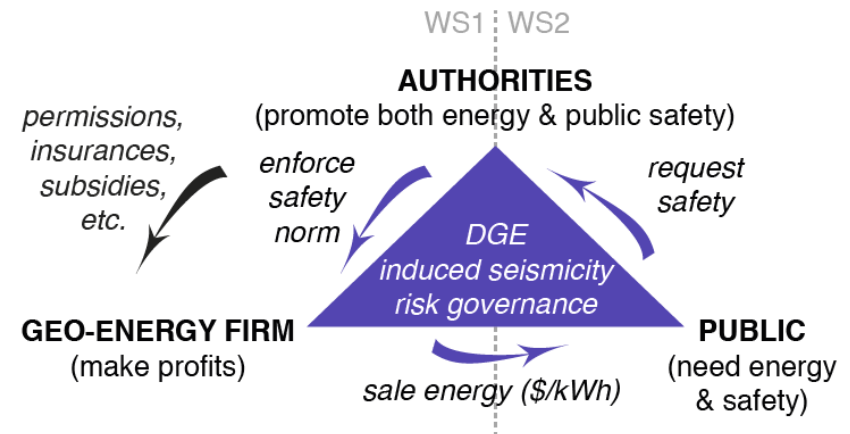
Focus on **stakeholders** and **governance structures**

1. Who are important stakeholders in HP & DGE?
  - What are their interests?
  - Which interests conflicts can be expected?
2. Which governance structure could enable effective balancing of interests and participation in conflict resolution?



# WS1: Regulating and governing risks to local communities by DGE projects

- Collaboration ETHZ and ZHAW
- Recommendations for regulating and governing DGE related seismic risk.
- Regulatory sandbox with DGE electricity
- Prices as main metric
- Integrates a governance scheme with the goals and priorities of actors



Authors: A. Mignan & G. Seferovic

# Acceptability and Public Engagement (WS2)

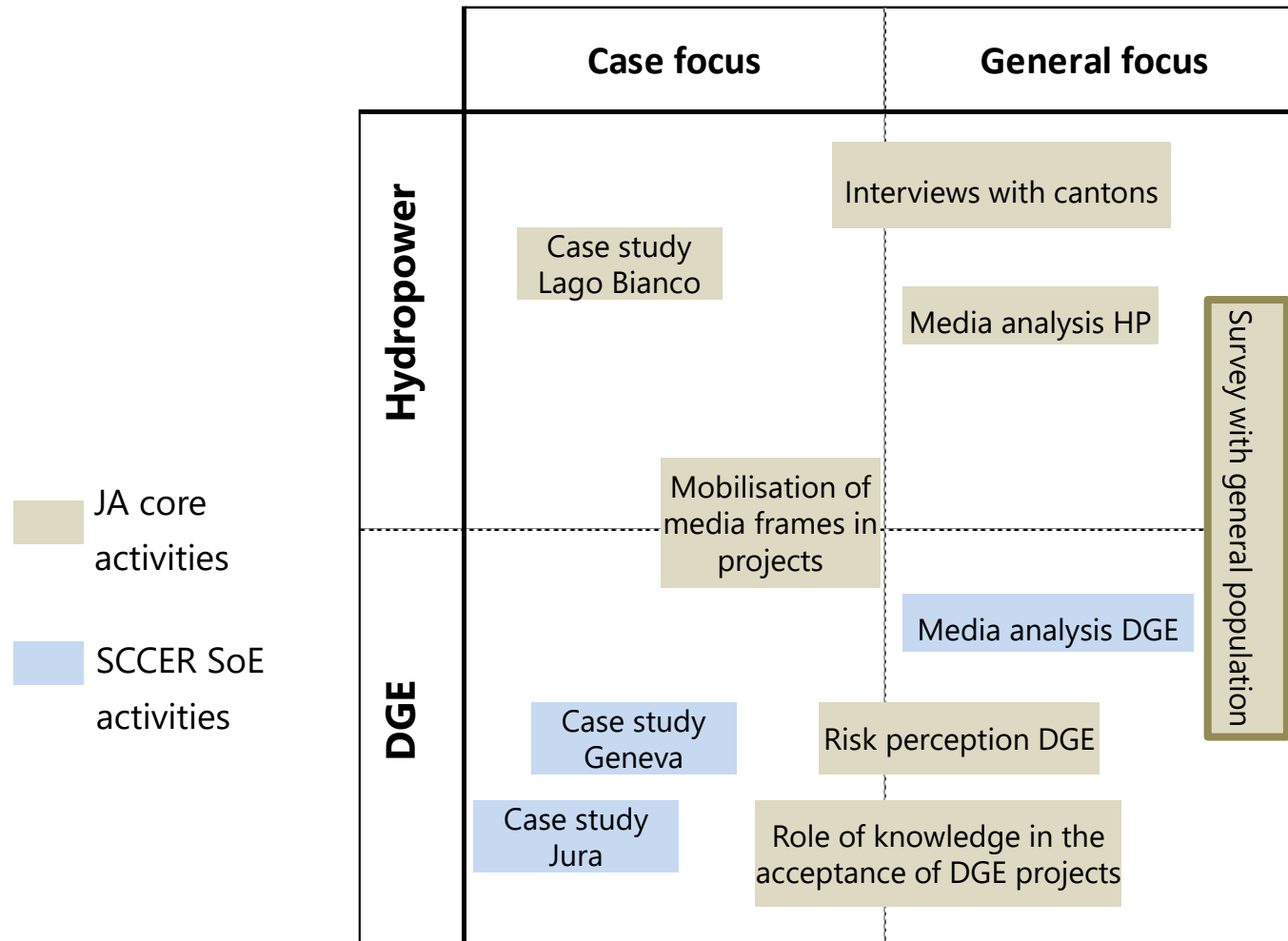
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Focus on **public opinion** and **public engagement procedures**

1. Which socio-political factors influence the acceptance of HP and DGE projects?
2. Which of these factors are most relevant with regard to the expansion of HP and DGE in Switzerland?



# WS2: Key activities





# WS2: Detailed "heat

		Public	Authorities	Stakeholders	Operators
Hydro	Case				
	General				
Geo	Case				
	General				

Core activities of JA only

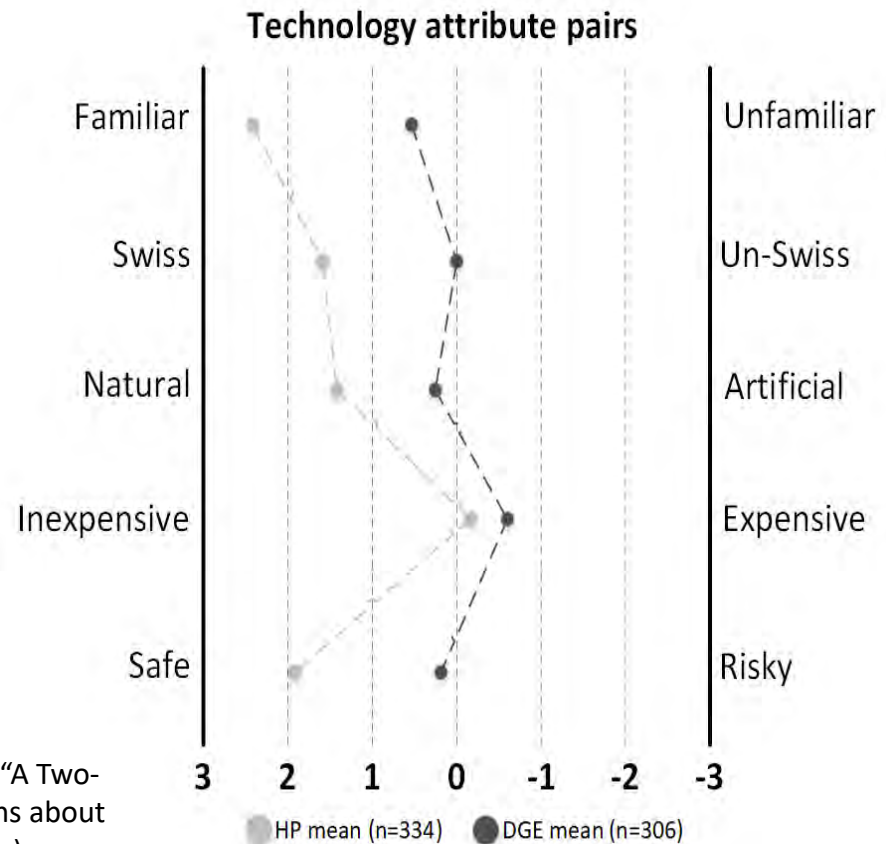
		Public	Authorities	Stakeholders	Operators
Hydro	Case				
	General				
Geo	Case				
	General				

Including Synergies with other activities



# WS2: Role information in decisions around DGE and HP

- Exploratory survey conducted in (n=797, D-CH) by ZHAW and UniBas
- Explore role of different factors for DGE/HP/ES2050 support
- Results
  - Support for the energy strategy depends significantly on beliefs,
  - Support for a specific technology does less so.



Blumer, Y., Braunreiter, L., Kachi, A., Lordan-Perret R. and Oeri, F. 2018. "A Two-Level Analysis of Public Support: Exploring the Role of Beliefs in Opinions about the Swiss Energy Strategy." In Energy Research & Social Science (in press).

# WS2: Cantonal views on challenges to HP

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- Collaboration ETHZ & Uni Basel
- Expert interviews with cantonal officers in charge of HP authorisations
- Qualitative content analysis.

## First results

- Goal conflicts between BFE and BAFU appears as the most limiting factor for HP
- Economic issues are perceived as conjunctural
- They do not see wider public engagement as necessary. Information is enough
- Increasing discussions with operators about maintenance and safety costs.
- **Cantons have little to no resources to plan for HP**



# Upcomming work

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- Completion of ongoing tasks
- **Integration of results across the work streams**
  - Integrating risk governance scheme with existing practices
  - Use survey on DGE legal aspect to inform public engagement schemes in case studies
  - Use expert interviews to inform about relevance of information predictive models

