



Energy Turnaround
National Research Programme NRP 70



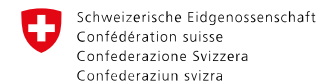
SWISS COMPETENCE CENTER for ENERGY RESEARCH
SUPPLY of ELECTRICITY

The Future of Swiss Hydropower

Werner Hediger, HTW Chur
Energy Research Workshop Disentis 2016



In cooperation with the CTI



Swiss Confederation

Commission for Technology and Innovation CTI

The Future of Swiss Hydropower

- A project cluster:
 - WP1: Operation (flexibility)
 - WP2: Investment (uncertainty)
 - WP3: Regional impact & sustainability assessment

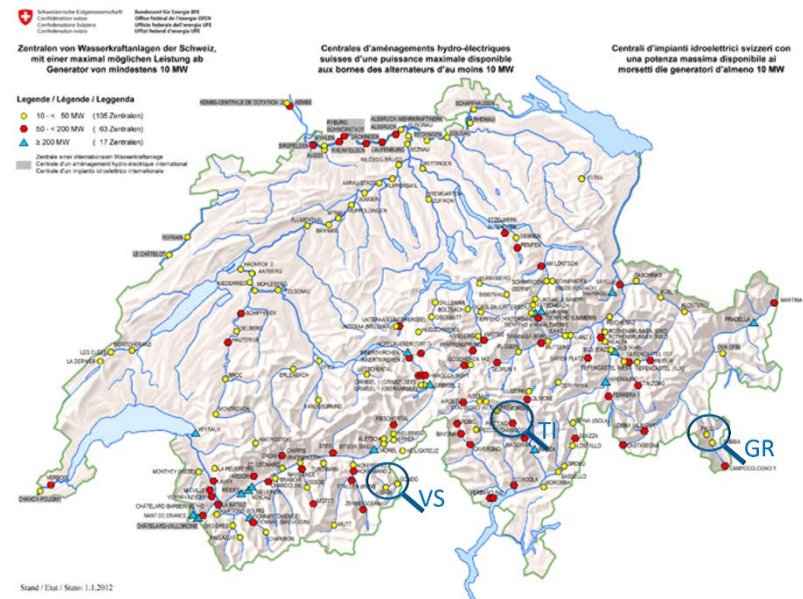
Project Team:

Weigt, *UniBas*: Lead, WP1

Schumann, *HES-SO*: WP1

Romerio, *UniGe*: WP2, WP3

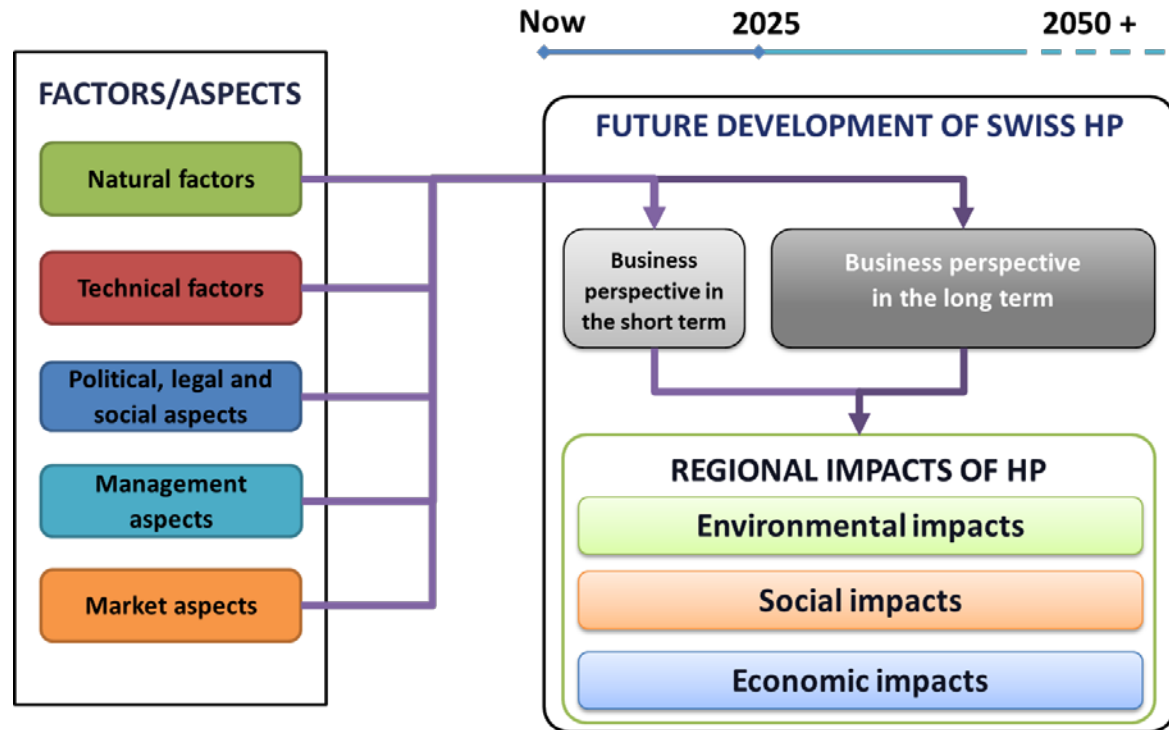
Hediger, *HTW Chur*: WP3, WP2



1st Joint Workshop (March 2015) on Drivers and Uncertainties

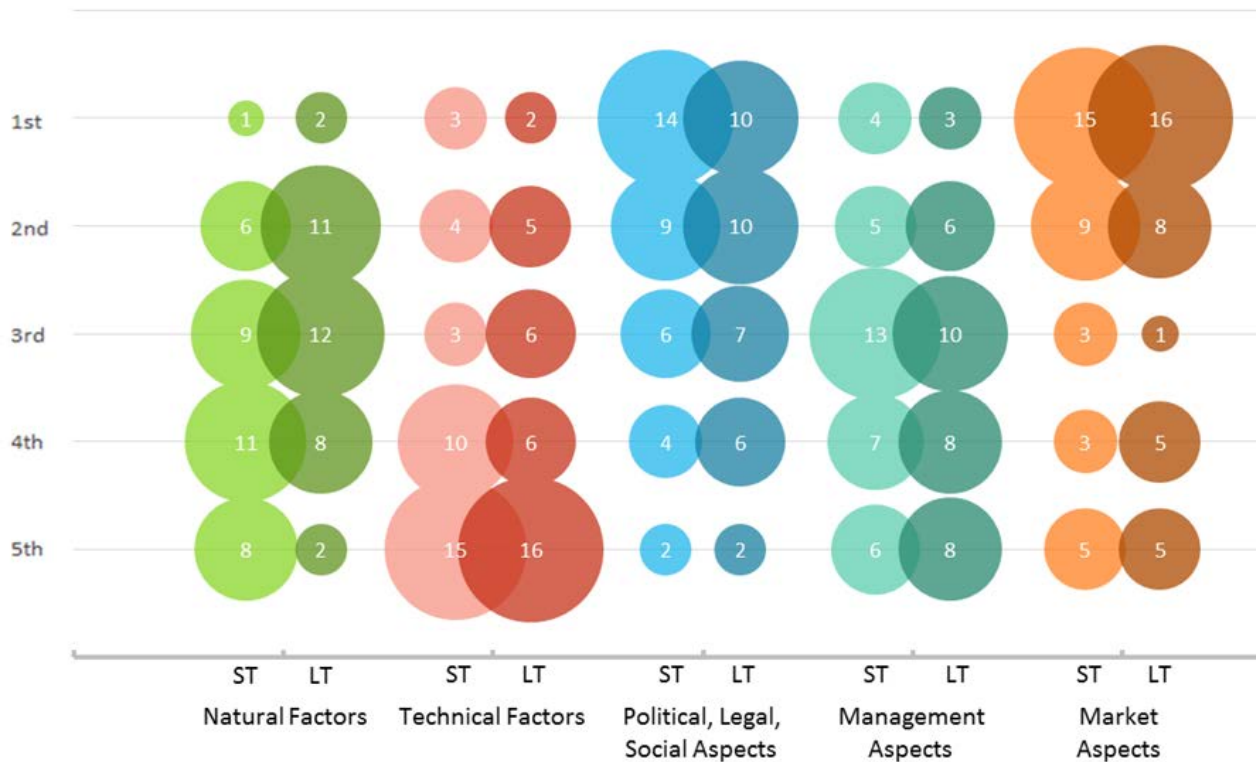
12th March, Bern:

- Questionnaire on drivers and uncertainties
- 35 stakeholders from science (NRP, SCCERs), industry, NGOs, and administration
- External input from Scandinavia and Germany
- Discussion on short and long-term issues



1st Joint Workshop (March 2015)

Main Results



Market and Policy aspects are the current main concerns

Project Webpage

fonew.unibas.ch/forschungsprojekte/projekte/hp-future/

Open Points

Stakeholder Process

- Role of SFOE
- Linkage to and role within the ongoing policy process
- Renewal of concessions, water fees & governance

Modeling

- Market development and numerical forecasts
- Role of Europe and international comparison