



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Bundesamt für Energie BFE
Office fédéral de l'énergie OFEN
Ufficio federale dell'energia UFE
Uffizi federal d'energia UFE



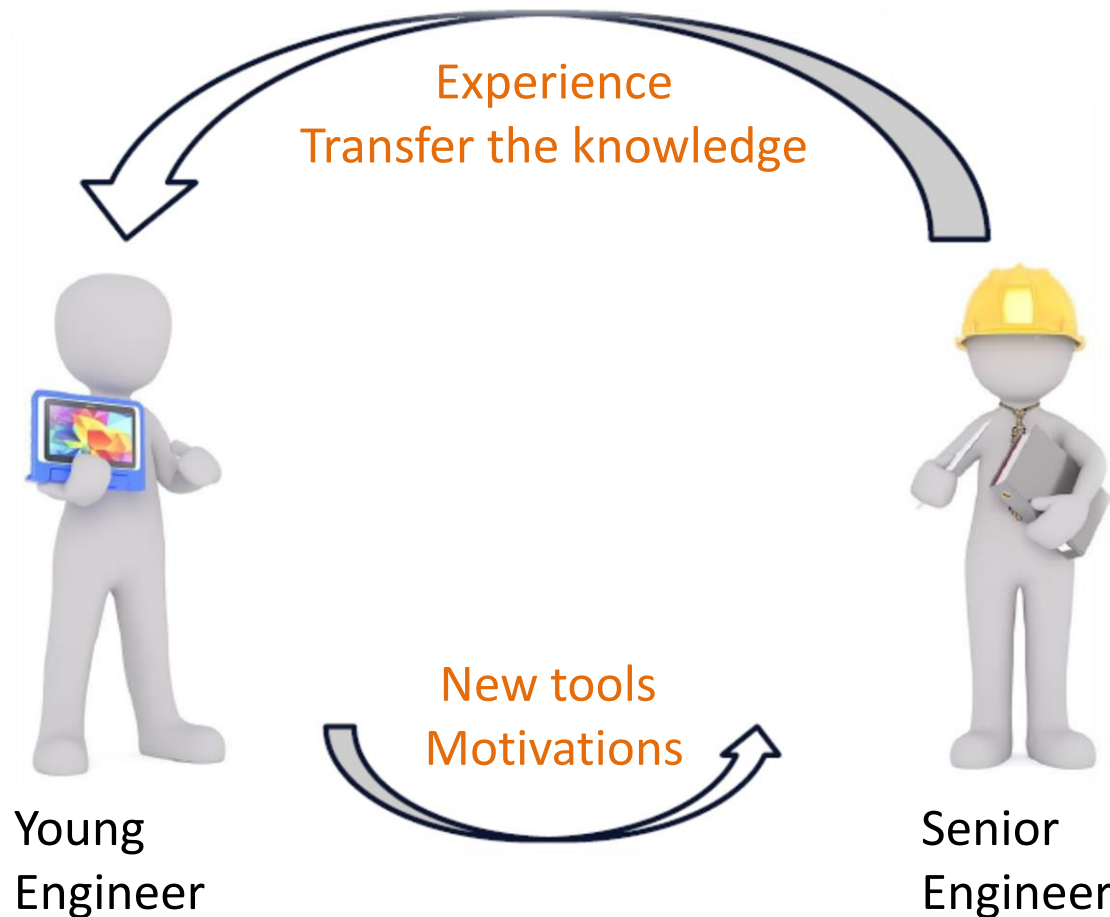
Swiss Committee on Dams (SCD) – YP

Ing. Valentina Favero



The SCD – YP

Aims: To involve young professionals working in the field of dams
To promote the transfer of knowledge between generations





The creation of the SCD – YP

- ☐ Officially established on the 12th March 2019 at the General Assembly of the Swiss Committee on Dams (SCD)
- ☐ The age limit to be part of the group is 35 years old
- ☐ An annual budget is allocated to the group to fund its activities, no remuneration is provided for members of the YP board
- ☐ The activities organized by the SCD-YP group are open to everyone, not just young professionals



The structure of the SCD – YP

- ❑ The board of the YP group is composed by:
 - Two official members: president and vice-president (2 years mandate)

Valentina FAVERO
Ufficio Federale dell'Energia



Nicolas ADAM
Alpiq SA



- About 10 young professionals from different units



- ❑ At least one YP takes part in each working group of the SCD



SCD – YP First Activity 2018

Meeting with the expert, now retired, Ing. Mondada, about the construction and rehabilitation works of Kölnbrein Dam in Austria.





Visit to the construction site of Lessoc Dam and to Rossens Dam

Friday, 10th Mai 2019



Visit to the construction site of Lessoc dam

- ❑ Reinforcement of the left rock abutment by the installation of passive anchors
- ❑ Extension of the grout curtain
- ❑ Enlargement of the drainage system
- ❑ Reinforcement of the monitoring system



Visit to Rossens dam

with bottom gates opening test





Visit to the construction site of the power plant Tannuwald and to Sera Dam

August – September 2019



Renewal of the hydropower plant Tannuwald

- Renewal of the penstock pipe between Fah Dam and Tannuwald hydropower plant
- Replacement of 7 Francis turbines with 2 Pelton turbines



Barrage de Fah

Visit to Sera Dam and Gondo power plant



Centrale de Gondo



Barrage de Sera (2012)



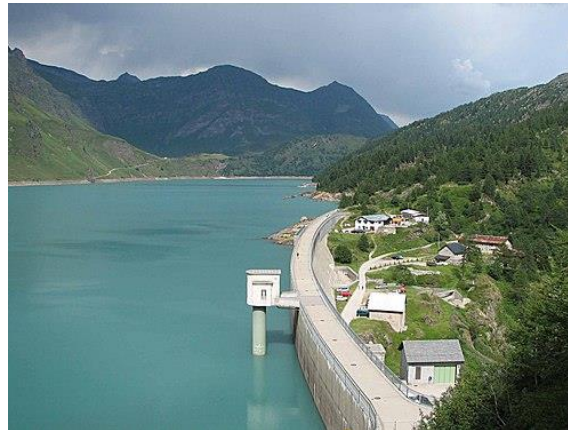


Visit to the construction site and seminar on the «Ritom» project

October 2019

Renewal of the hydropower plant Ritom and construction of a new compensation basin

- ❑ Renewal of the hydropower plant (120 MW)
- ❑ Construction of a new compensation basin (100'000 m³):
- ❑ Physical modelling at EPFL (scale 1:40)





Giornate di studio 2019: sicurezza e gestione delle traverse fluviali mobili



Schweizerisches Talsperrenkomitee
Comité suisse des barrages
Comitato svizzero delle dighe
Swiss Committee on Dams

Fachtagung 2019 / Journées d'études 2019

Mittwoch / Donnerstag, 30. / 31. Oktober 2019, Baden
Mercredi 30 et jeudi 31 octobre 2019, Baden

