

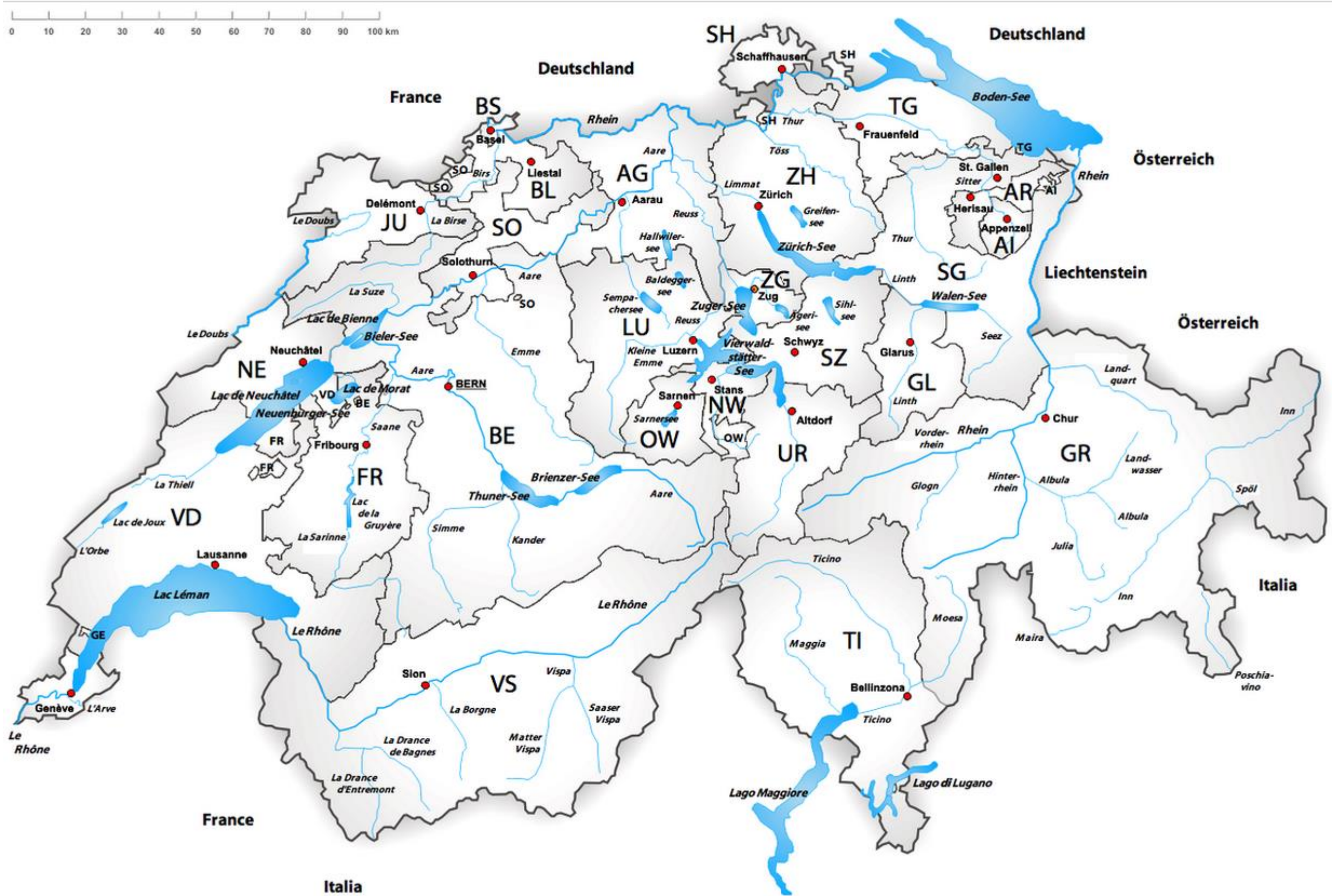
River Mapping and Monitoring for People and Clean Energy

Project from Voluntary People

Daniele Scopece
(living in Zurich)

GovTech Hackathon, Bern, 2023-03-23/24

Context



Rivers for People

Badi Bern



Badi Zurich



Ticino Valle Verzasca



Rivers Floating (Limmat, Reuss, Aare, ...)



Rivers for Clean Energy

<https://www.eda.admin.ch/aboutswitzerland/en/home/wirtschaft/energie/energie---fakten-und-zahlen.html>

The Federal Council > FDFA > Switzerland around the world

English

Search

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Discover Switzerland

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Discover Switzerland > Economy > Energy > Energy – Facts and Figures

Print page

Energy – Facts and Figures

Over the last 5 years, Switzerland has consumed an annual average of around 225 terawatt-hours, and is dependent on imports for around 70% of this. The types of energy most used are petroleum products, electricity from hydroelectric and nuclear power plants, and natural gas. Renewable energies have been steadily gaining ground in recent years, especially solar power.

Contact

Presence Switzerland

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3003 Bern

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Website

Print contact information

Economy

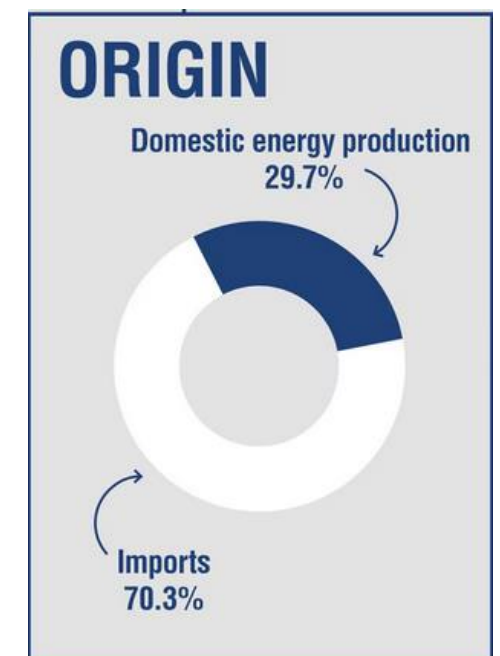
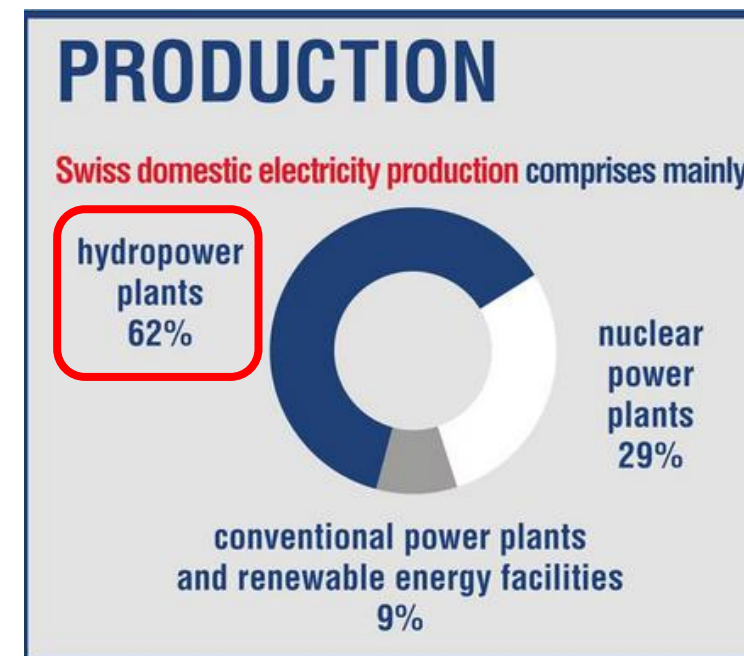
Energy

Energy – Facts and Figures


Energy Policy

Renewable Energy

Non-renewable energy



Rivers for Clean Energy

 Schweizerische Eidgenossenschaft
Confédération suisse
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Swiss Federal Office of Energy

Context sidebar

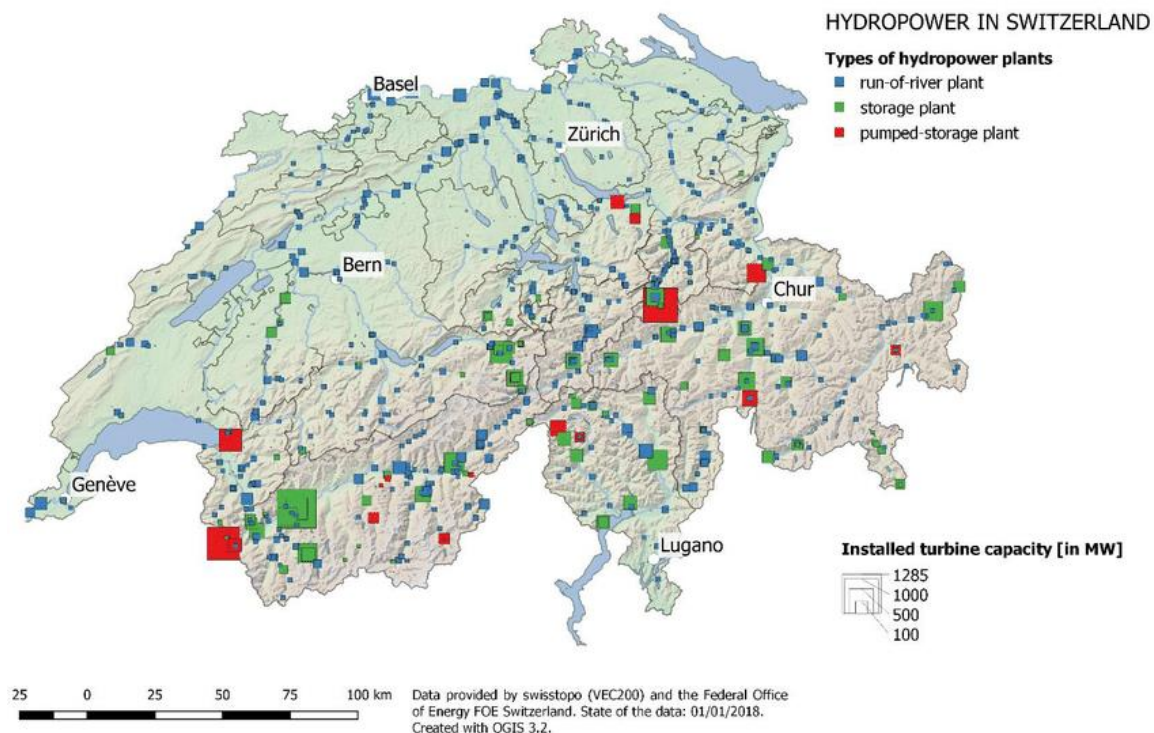
Energy Strategy 2050

Expand the Hydroelectric production

Large Hydroelectric Power Plant in Switzerland



Hydro power in Switzerland as of 2018



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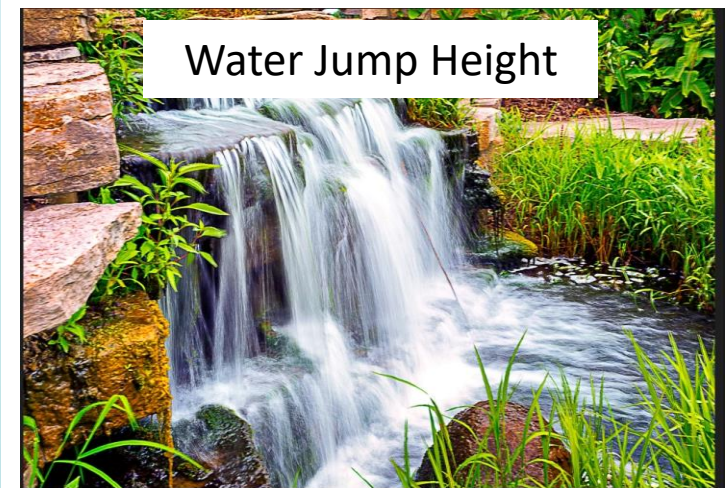
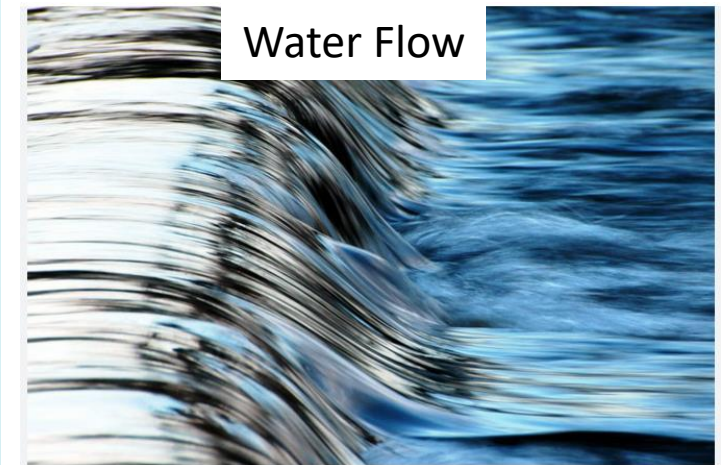
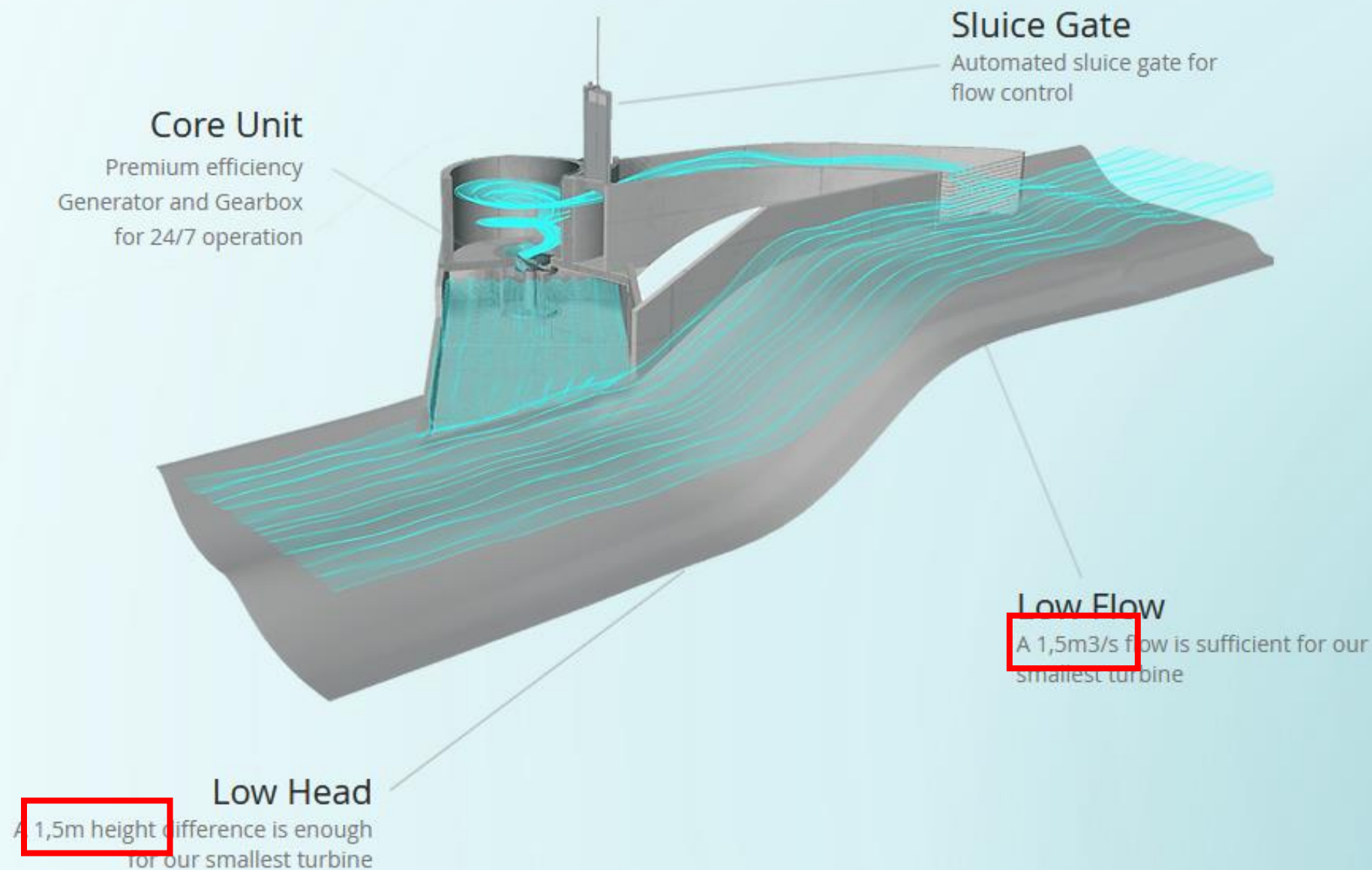


Rivers for Clean Energy Everywhere

<https://www.turbulent.be/>

The Vortex Turbine

An eco-friendly way to harness energy from rivers and canals with a low height difference, as a standalone project or a cluster of turbines powering entire regions. A single turbine can generate from 15 to 70 kW of constant energy around the clock.



Problems



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Bundesamt für Umwelt BAFU -
Hydrologische Daten und Vorhersagen

eawag
aquatic research ooo

opendata.swiss

Data Organizations Showcases Contact About

Home > Data

Data

river

Reset search

Linked Data
There are no Linked Data that match this search

Categories
Geography 4
Territory and environment 4

4 datasets found

Order by Relevance

Swiss water topographical catchment areas: Main river section

Federal Office for the Environment FOEN
Geography, Territory and environment

The data set "Main river section" is part of the geo dataset "Swiss water topographical catchment areas". The main river in a catchment area is the body of water that leaves the...

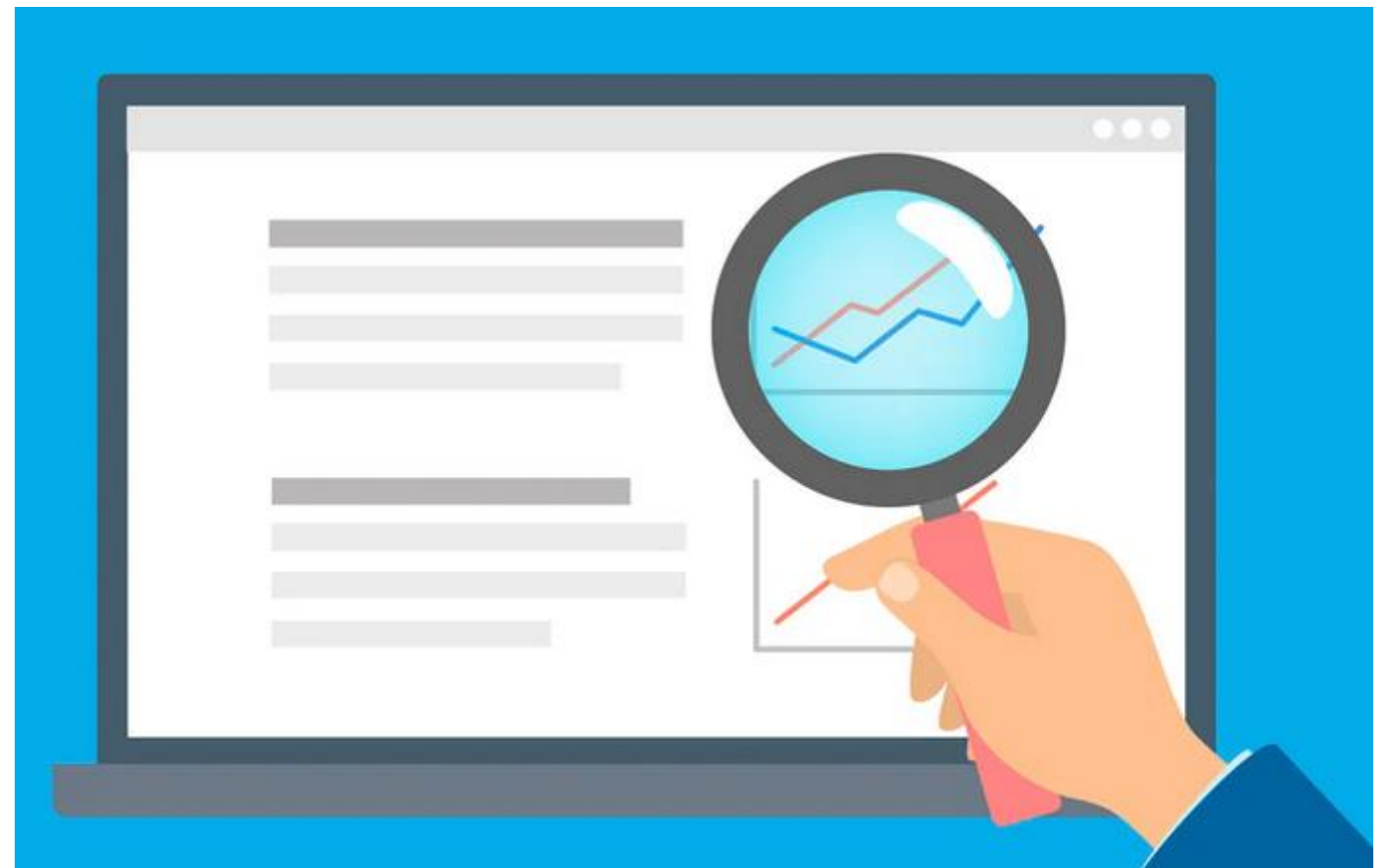
Last updated: July 1, 2010

opendata.swiss

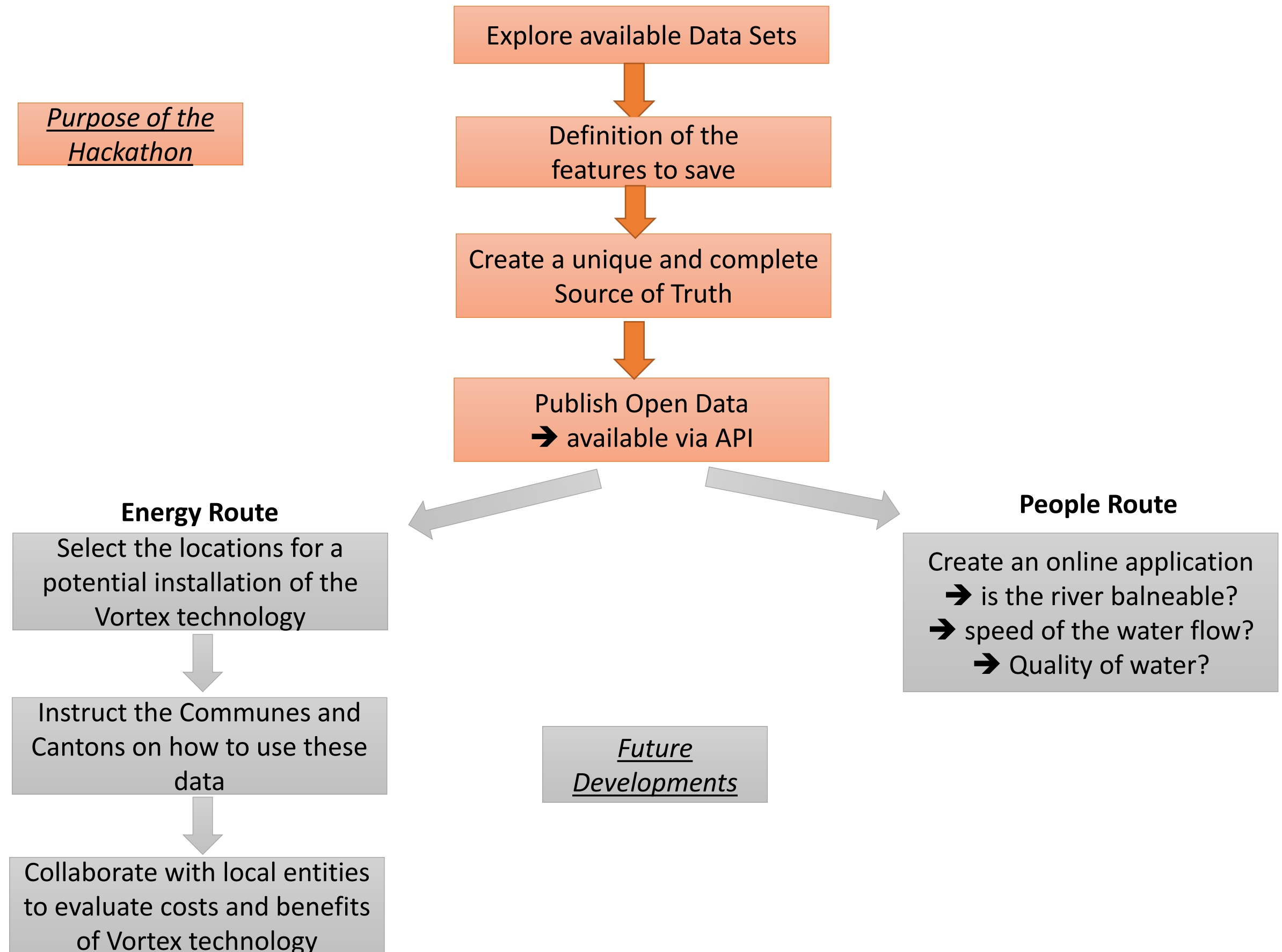
Data Organizations Showcases

Home > Organizations > Federal Office for the... > General situation of rivers... > General situation of...

General situation of rivers and lakes



Purpose of the Hackathon



Join us if ...



DRINK
WATER!

