



Co-funded by the Horizon 2020 programme
of the European Union



ODYSSEE-MURE National Workshop Switzerland

Discussion: How can data and tools be managed and used
for Monitoring and Evaluating of Swiss Energy Policies

19th November 2021, on-line

Prof. Dr. Regina Betz, Dr. Nina Boogen, ZHAW

Zurich University
of Applied Sciences



School of
Management and Law



UNIVERSITÉ
DE GENÈVE



Co-funded by the Horizon 2020 programme
of the European Union



Motivation for the Discussion

- A lot of data has been gathered in the energy area in the last years by researchers and more to come (e.g. NRP70/71, SCCERs, SWEET, Flagships), but what exactly and where it can be accessed is intransparent
- Resources from e.g. municipalities, cantons are scarce to evaluate climate and energy policies
- Often it takes a lot of time to find out from where data can be obtained and lengthy negotiations for accessing it
-> different treatment likely

Zurich University
of Applied Sciences



School of
Management and Law



UNIVERSITÉ
DE GENÈVE



Co-funded by the Horizon 2020 programme
of the European Union



Existing Initiatives and what is different

- SNF Data Management Plans include a section on data sharing and reuse
BUT: They are just uploaded on repositories conform to FAIR Data Principles, it is not ensured that somebody else is able to work with those as this will need additional work
- SDSC - Swiss Data Science Center (ETHZ/EPFL)
BUT aim is different: “Accelerate the use of data science and machine learning techniques”

Zurich University
of Applied Sciences





Co-funded by the Horizon 2020 programme
of the European Union



Go to www.menti.com and use the code **4919 7566**

What services would a data center provide for those aiming to monitor and evaluate Swiss energy policy?

Zurich University
of Applied Sciences



School of
Management and Law



UNIVERSITÉ
DE GENÈVE



Co-funded by the Horizon 2020 programme
of the European Union



Potential services

1. Bottom up approach where (Secondary) use of data is provided and data remains with the data providers who knows the data best
2. Decentralized data sharing centres with different foci are established and help to use the data
3. Data description in a common format is made available which allows the easy use of data which others have collected
4. Data sharing rules are transparent and standardized, same for all users
5. Presentation at academic conferences in order to make the services known to academics

Zurich University
of Applied Sciences





Co-funded by the Horizon 2020 programme
of the European Union



Go to www.menti.com and use the code **4919 7566**

What would be a process to establish such an initiative?

Zurich University
of Applied Sciences



School of
Management and Law



UNIVERSITÉ
DE GENÈVE



Co-funded by the Horizon 2020 programme
of the European Union



How would a process be designed?

- A stakeholder group which represents the users and provider of data to understand the needs and concerns of data collection, storage, sharing and use (academics, statistical office, administration, industry)
- Examples are e.g. Verein Nationale Forschungsdateninfrastruktur (NFDI) and Rat für Sozial- und Wirtschaftsdaten (RatSWD) in Germany

Zurich University
of Applied Sciences





ODYSSEE-MURE National Workshop Switzerland



THANK YOU FOR
PARTICIPATING AND YOUR
CONTRIBUTIONS

Zurich University
of Applied Sciences



UNIVERSITÉ
DE GENÈVE