



































Minutes ODYSSEE-MURE National Workshop // 19.11.2021

Participants

	Christian Meier - Energiefachstelle Liechtenst...	
	Felix Bucher (HSLU)	
	Martin Jakob (TEP)	
	Michaël Weber - DGE-DIREN	
	Mirjam Kosch	
	Muriel Siegwart ZHAW	
	Najam Memon	
	Nicolas Schmid, Energy Policy and Technolog...	
	Paul Taurorat (ETHZ, Energy and Technology ...	
	Philippe Thalmann (EPFL)	
	Sascha NICK	
	Selin Yilmaz (University of Geneva)	
	Souvik Datta (FHNW)	
	Steve Ducommun VD Direction énergie	
	Sven	
	Thomas Leu (ZHAW)	
	Vannay	

1. Introduction of workshop by Regina Betz and Martin Patel
2. Presentation of updated ODYSSEE-MURE results for Switzerland and compared to other countries:
 - Transport sector presented by Navdeep Bhadbhade (UNIGE)
 - Household sector presented by Imane Fouiteh (UNIGE)
 - Industry sector presented by Navdeep Bhadbhade (UNIGE)
 - Services sector presented by Imane Fouiteh (UNIGE)
3. Questions/Discussion
 - Philipp Thalmann: Is it possible to infer the magnitude of rebound effects from your data and analysis? Martin Patel answers: No this is actually not possible (we can quantify the energy implications of increased activity but we cannot unravel how much of it is related to energy savings).
 - Regina Betz: Why is the manufacturing sector doing so bad? Answer from Martin and Navdeep: Focus on highly cost effective measures; implementation of advanced technology (e.g. heat pumps) is cumbersome. No good roles models (other countries). Companies avoid touching core process (risk in production)
 - Martin Jakob: Which datasets did you use? Predominantly publicly available datasets (apart from very few exceptions)
4. Coffee break
5. Presentation of the new MURE Database by Matthias Reuter (ISI Fraunhofer)

Questions:

From Philipp Thalmann: Possible to choose weighting of own choice? No, not possible with the Scoreboard tool.

6. Presentation Cantonal Clean Energy Index by Nina Boogen (ZHAW)

Questions:

From Nicolas Schmid: Aware about SWEET Edge Project? Group of Tobias Schmidt is collecting cantonal policies.

7. Presentation Data Hub Switzerland by Matthias Galus (Swiss Federal Office of Energy)

Questions:

– From Martin Jakob: How to ensure data quality?

8. End/Discussion:

– Regina: Issues with data collection in energy research

– www.menti.com with code 49197566

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

compile company data
high gran for dem side
data in a analysable form well defined
uncertainty analysis rate data quality
overview public data
indicator calculation
well documented
unified data
check data qualita

– Regina: How should a process be designed?

– ...

Comments and questions from the chat protocol:

15:57:03 Von Philippe Thalmann (EPFL) an Alle:

Is it possible to infer the magnitude of rebound effects from your data and analysis?

16:33:55 Von Martin Jakob (TEP) an Alle:

How do you explain the top performing of the Baltic States?

16:34:51 Von Martin Jakob (TEP) an Alle:

Second question: How do you consider free rider effects, e.g. in the case of subsidy programs?

16:36:07 Von Philippe Thalmann (EPFL) an Alle:

Romania's fourth position on the overall score is a bit surprising too me. It ranks actually 19th on the efficiency level. What pushes it up is the trend score (it is easier to improve when you start from very inefficient) and the policies score (are these assessed by experts of the country itself?). As a user, I would like the possibility to alter the weighting of the three components.

16:39:21 Von Sascha NICK (EPFL) an Alle:

Nina, could you kindly provide a test login for <http://www.clean-energy-index.ch> ? Thanks

16:40:01 Von Matthias Reuter (Fraunhofer ISI) an Alle:

Baltic countries have been catching up and scored well in Trends for most sectors, which results in a good overall score. They have also implemented many effective energy efficiency measures (and evaluated These as well), which helps with the ranking in the category policy.

16:40:55 Von Regina Betz, CEE, ZHAW an Alle:

demo@zaw.ch is the user pw: climaindex

16:44:03 Von Imane Fouiteh (UniGe) an Alle:

Very impressive tool, thank you for the presentation !

16:48:31 Von Philippe Thalmann (EPFL) an Alle:

About the clean energy index database, two quick fixes: (1) CO2 with subscript, not superscript, and (2) let users decide whether units on the vertical axis start from 0 (which I prefer) or not

16:52:48 Von Nina Boogen (ZHAW) an Alle:

Thank you Philippe for your feedback, that's very helpful because we are still at a stage of improving and fixing things.

17:10:02 Von Martin Patel, University of Geneva an Alle:

To Matthias Gallus: Thank you - it is impressive to learn what is going on!

It is easier to organise data on the energy supply side than on the energy demand side. How to organise and incentivize the latter?

17:24:19 Von Nicolas Schmid, Energy Policy and Technology Group an Alle:

for those interested in Energy Efficiency building standards (specifically: U values of different building components) in Swiss cantons: We collected data on the stringency of (most) cantonal regulations from the 1980s to 2018, see Figure 2 in this publication:

<https://onlinelibrary.wiley.com/doi/full/10.1111/rego.12314>

17:24:41 Von Matthias Reuter (Fraunhofer ISI) an Alle:

4919 7566

17:24:58 Von Nina Boogen (ZHAW) an Alle:

thanks matthias

17:26:20 Von Philippe Thalmann (EPFL) an Alle:

Thank you very much for the huge work done collecting data and for sharing them.

17:32:41 Von Michaël Weber - DGE-DIREN an Alle:

Thank you !