

In cooperation with the CTI



**Energy funding programme**

Swiss Competence Centers for Energy Research



Schweizerische Eidgenossenschaft

Confédération suisse

Confederazione Svizzera

Confederaziun svizra

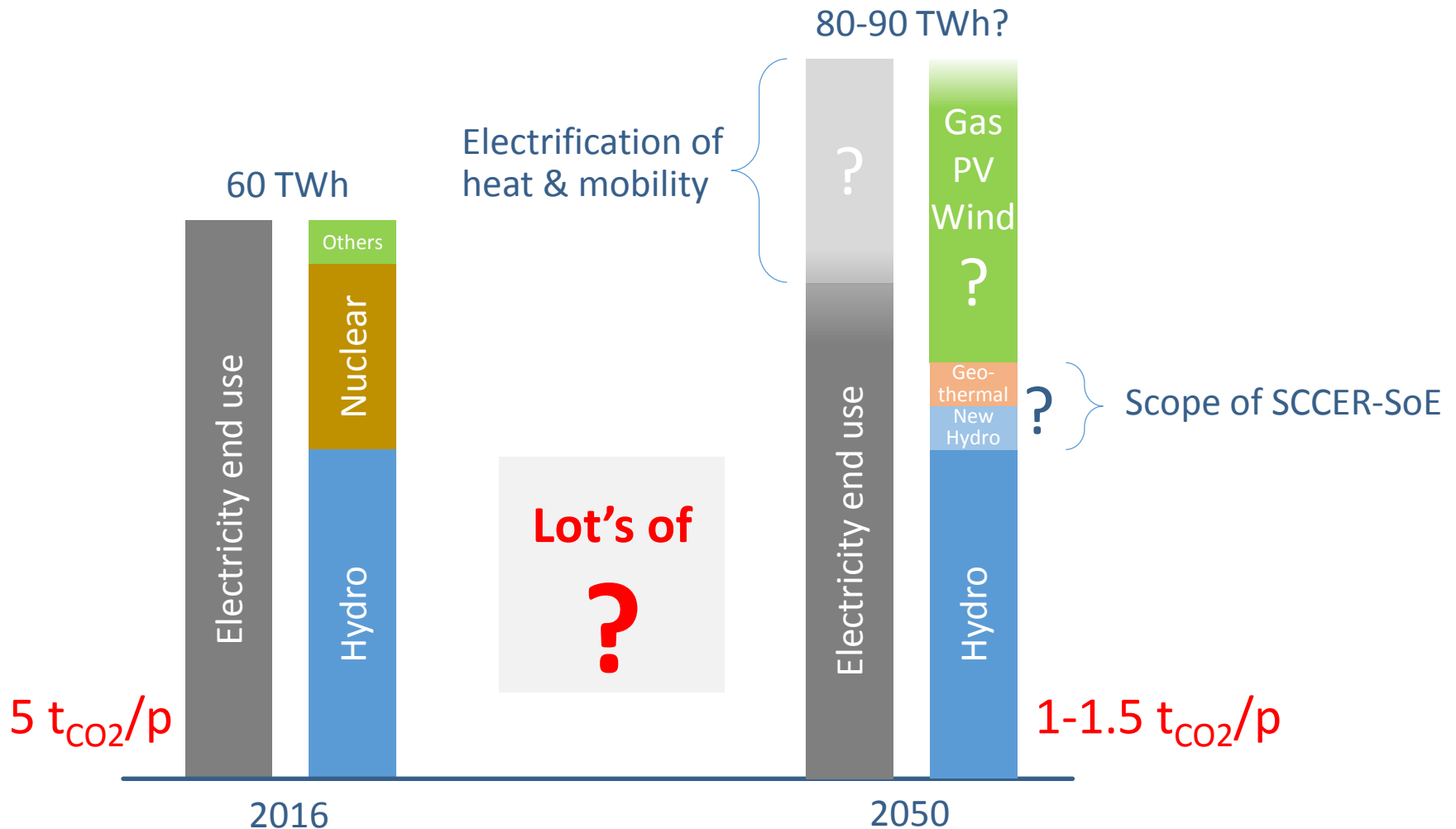
Swiss Confederation

**Commission for Technology and Innovation CTI**

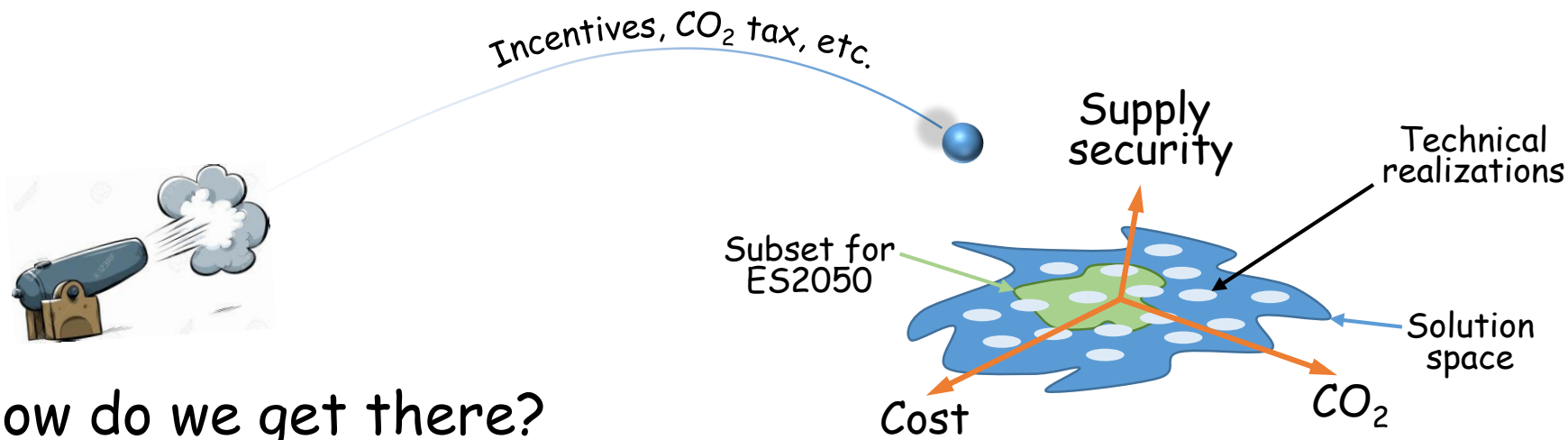
# Joint Activity Scenarios & Modelling



# The context: Energy Strategy 2050



# Research questions for JA-S&M



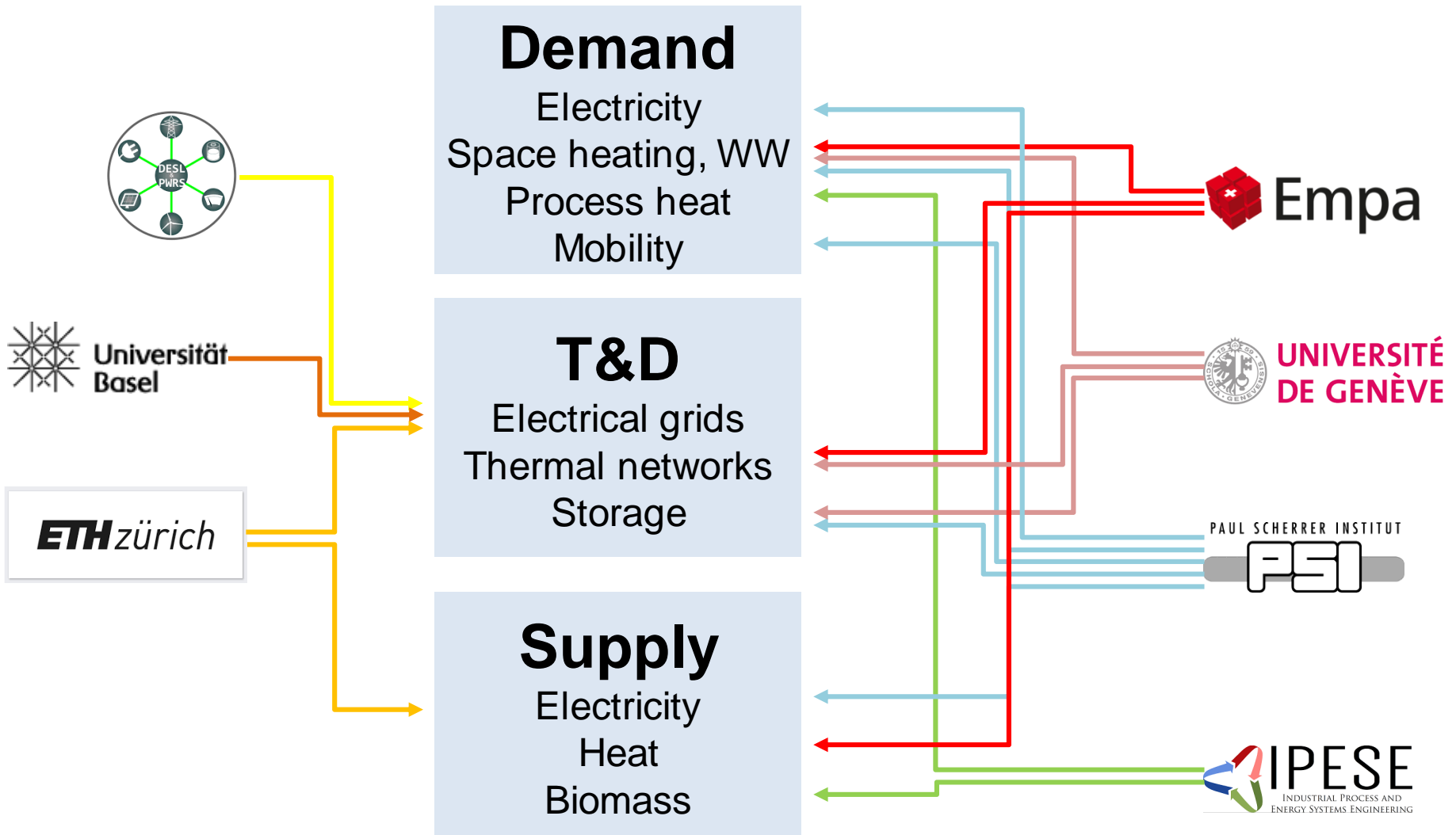
(2) How do we get there?

(1) How could the future look like?

(3) What does it mean for the Swiss economy?

(4) What does it mean for the Swiss citizen?

# Partners & competencies



# Reach out to other groups



Snow and mountain Hydrology  
Prof. Michi Lehning, Bert Kruyt

**ETH** zürich

Hydrology and Water Resources Management  
Prof. Paolo Burlando, Dr. Daniela Anghileri, Dr. Nadav Peleg

**D** USYS

Department of Environmental Systems Science  
Prof. Tony Patt, Dr. Stefan Pfenninger

Lucerne University of  
Applied Sciences and Arts  
**HOCHSCHULE  
LUZERN**

Institute of Mechanical and Energy Technology  
Prof. Jörg Worlitschek, Stefan Frehner

20 Jahre

**VSE**  
**LES**  
Verband Schweizerischer Elektrizitätsunternehmen  
Association des entreprises électriques suisses  
Associazione delle aziende elettriche svizzere

Verband Schweizerischer Elektrizitätsunternehmen  
Dr. Stefan Muster, Nadine Brauchli, Barbara Buchli

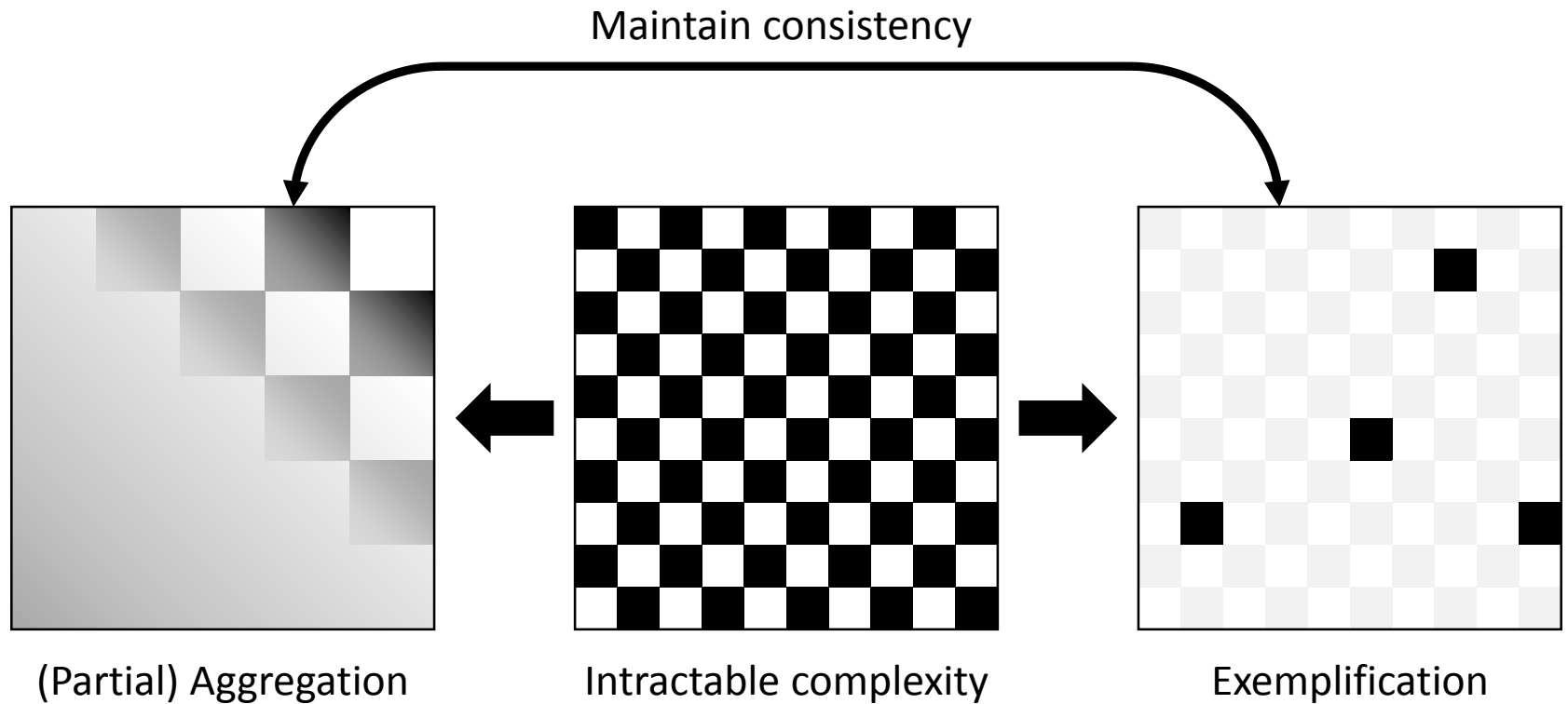
**D** MTEC

Department of Management, Technology and Economics  
Prof. Sebastian Rausch

**swissgrid**

Swissgrid AG  
Jonas Mühlethaler

# Manage complexity



# Conclusion

You develop the detailed technology



JA-S&M takes care that the pieces fit together

