

2ND WEBINAR SERIES ON NATIONAL EXPERIENCE IN LONG-TERM ENERGY SCENARIO (LTES) USE AND DEVELOPMENT

THOMAS KRUTZLER, 23RD NOVEMBER 2021

PERSPEKTIVEN FÜR **umwelt**bundesamt

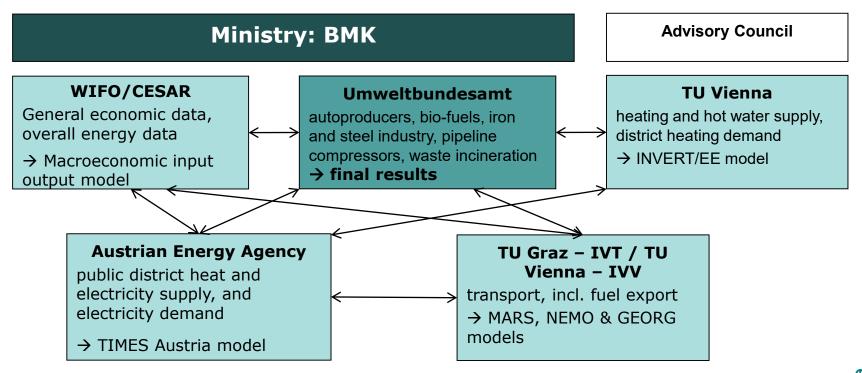
DEVELOPMENT OF SCENARIOS

- Federal Ministry for Climate Protection (BMK)
 - outsources inventories and projections (energy, GHG, air pollution) to consortiums of expert institutions
 - holds all rights concerning data, publication and policy implementation.
 - is involved in the scenario definition
 - is responsible for reporting
- Same sector experts for inventory and projections
- Consistent with historical energy and emission data (national balances, inventory)
- Calculated by using same methodology as for national GHG inventory
- Using recommendations of European Commission

NATIONAL SYSTEM FOR PAMS & PROJECTIONS: PROCEDURAL ARRANGEMENT Guidance and recommendation by EU **Taking** Submission general under EU MMR, assumptions Workshops: UNFCCC (e.g. energy Involves also prices. other ministries. population) Scenario stakeholders, definition: specific experts, Corrections & Which PaMs to be adaptions & etc. improvements considered ? WEM or WAM? Workshops: Involves also other ministries. stakeholders, Deskwork by specific experts, experts Discussion Data collection, etc. of modelling modelling, calculations

results

STRUCTURE FOR ENERGY SCENARIOS



USE OF SCENARIOS

- Reporting obligations
 - Emissions of GHG and air pollutants
 - National Energy and Climate Plan
 - Long term strategy
- Policy support
 - Assessment of national and sectoral targets
 - Assessment of policies and measures (including economic effects)
 - Renewable energy sources
 - Energy efficiency and energy intensity
 - Grid infrastructure plan
- Regional policies (Energy and Climate Plans of Provinces)
- Comparison with EU-Scenarios for Austria (e.g. Primes)

WHAT OUR SCENARIOS DO NOT INTEND

- Prognosis (but projections under the given assumptions)
- Cost optimization to reach targets
- Detailed planning of Power Grid or Gas Grid infrastructure
- **Micromanagement** (where do you exactly position a wind turbine)
- Unusual events ("normal" meteorological year, no catastrophes)

CONTACT & INFORMATION

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