



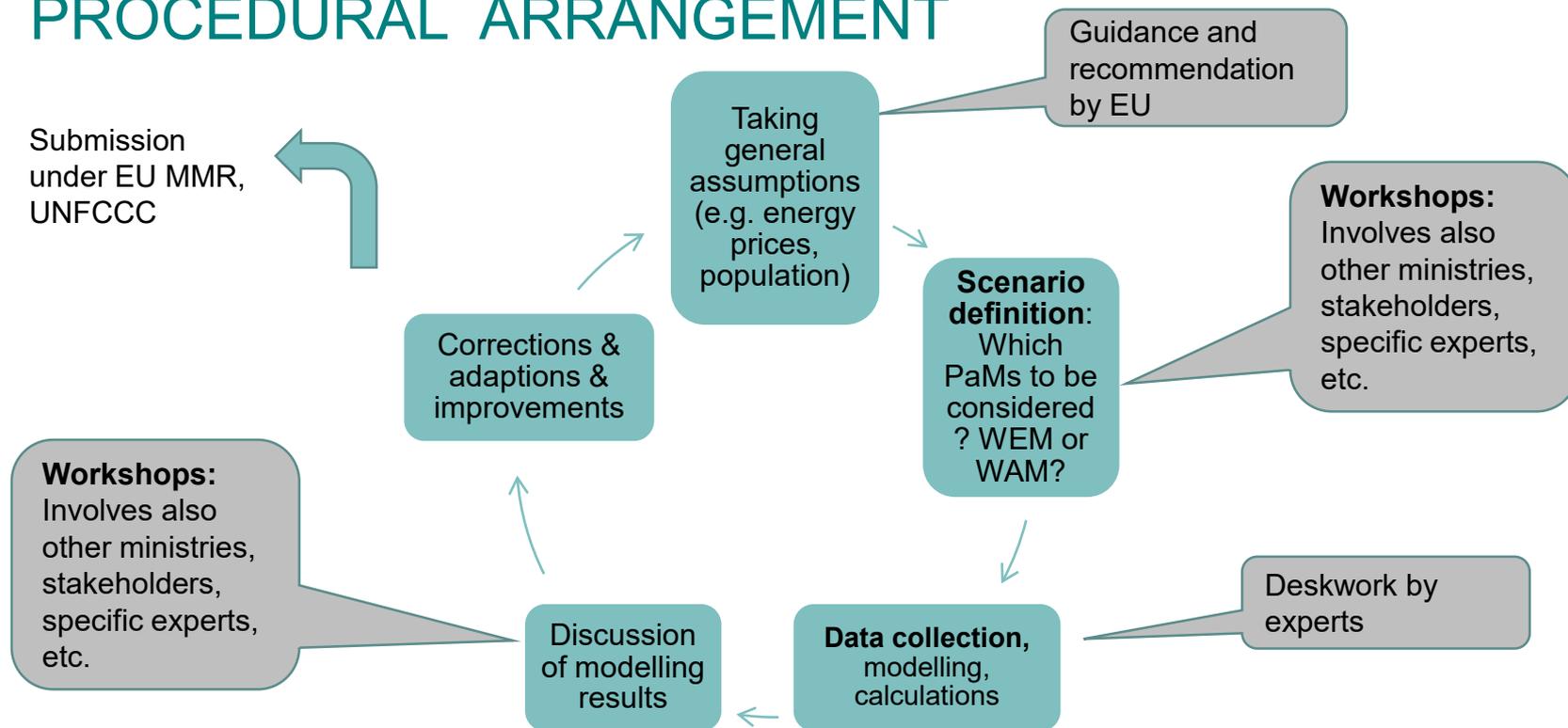
2ND WEBINAR SERIES ON NATIONAL EXPERIENCE IN LONG-TERM ENERGY SCENARIO (LTES) USE AND DEVELOPMENT

THOMAS KRUTZLER, 23RD NOVEMBER 2021

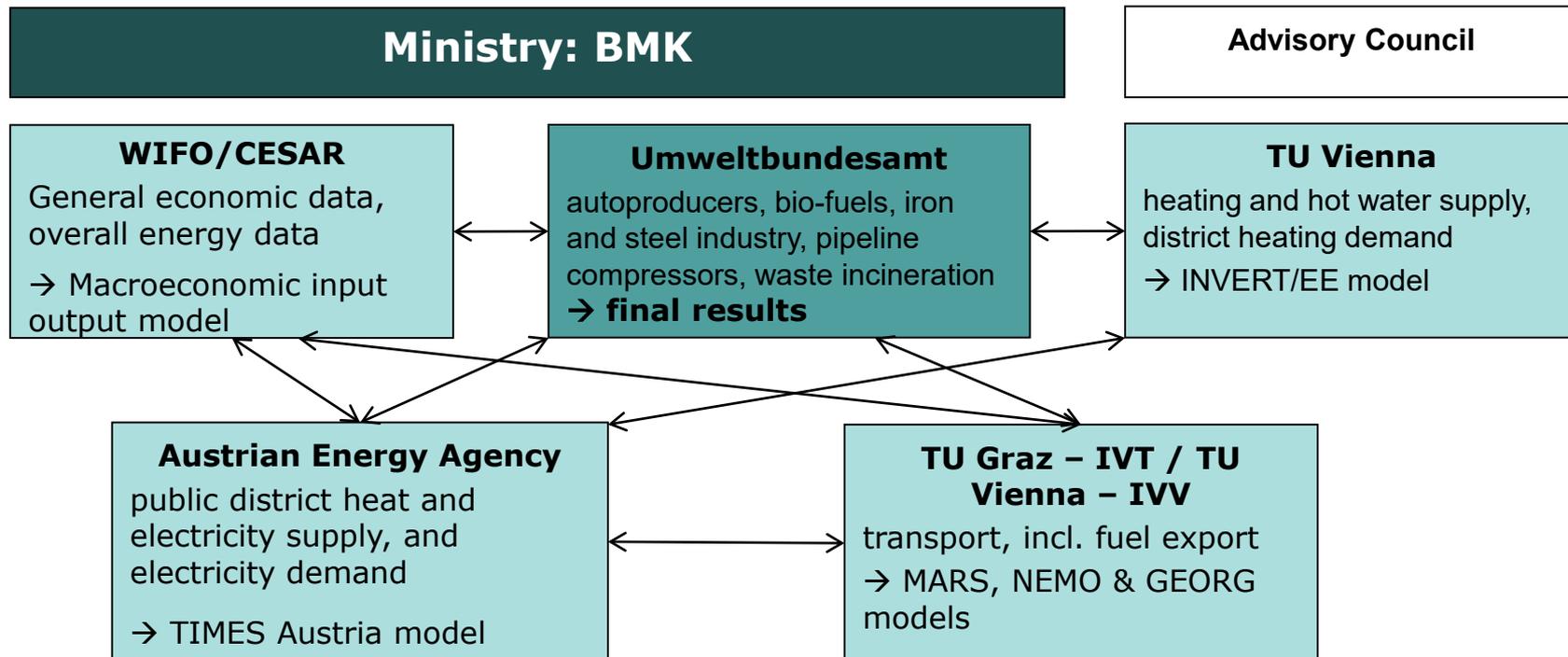
DEVELOPMENT OF SCENARIOS

- **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



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

Thomas Krutzler

PM energy scenarios

Industry & Energy Generation

+43-(0)1-313 04/5542

thomas.krutzler@umweltbundesamt.at

Umweltbundesamt
www.umweltbundesamt.at

Webinar on LTES
Vienna ● 23.11.2021