



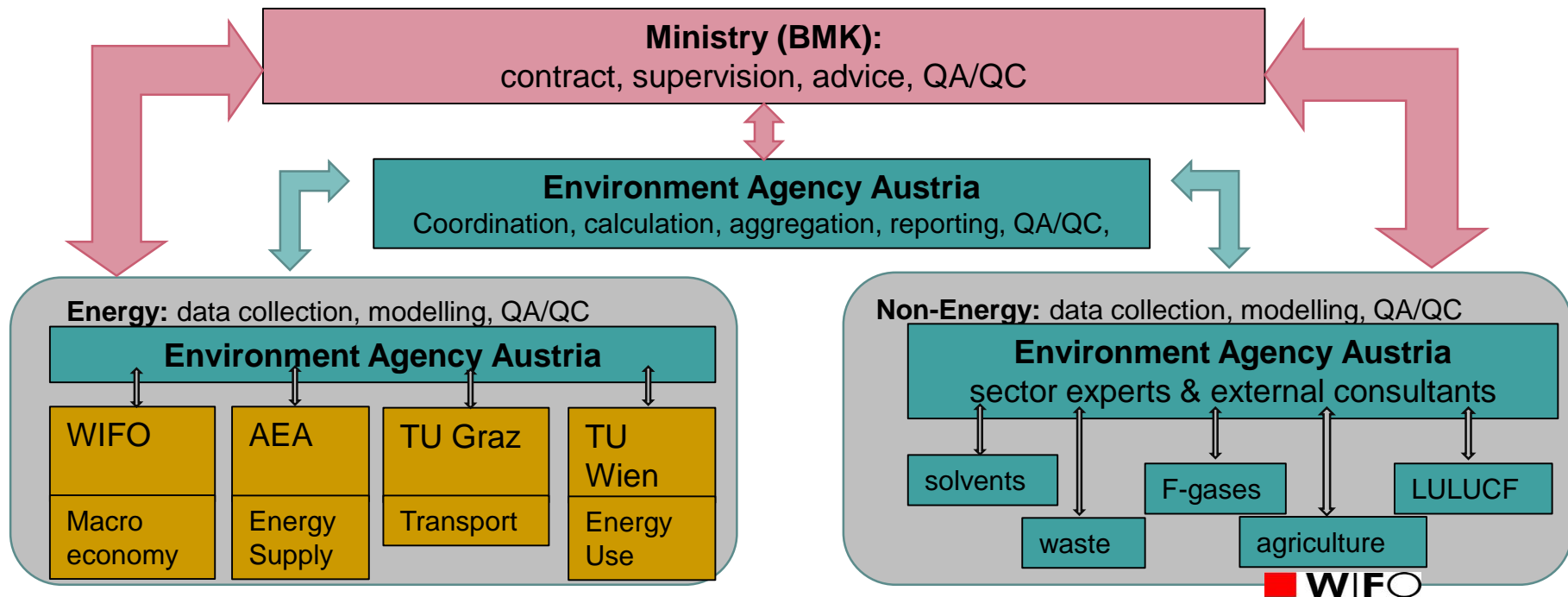
# NATIONAL SYSTEM ON PROJECTIONS AND PAMS

REGIONAL WORKSHOP ON MRV, 18. FEBRUARY 2020

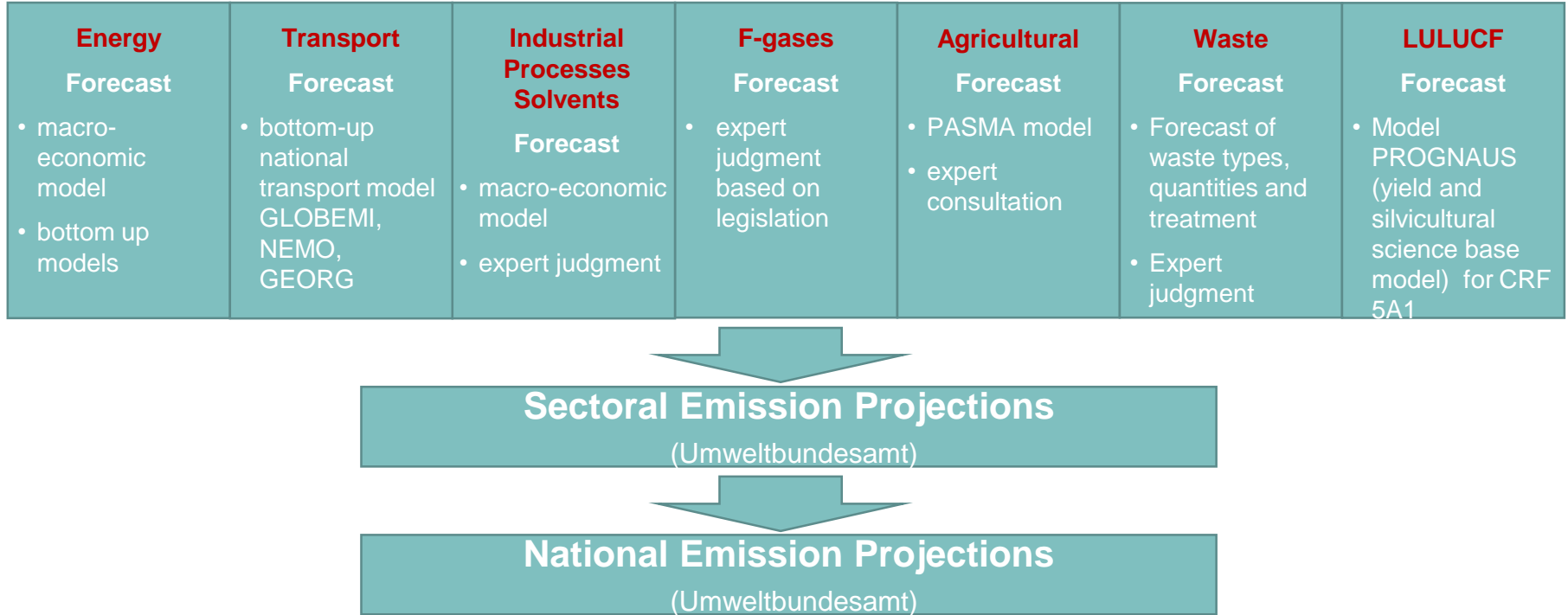
# GENERAL METHODOLOGY

- Use of **latest guidance material**
  - Guidelines for the preparation of National Communication by parties included in Annex I to the Convention
  - EU Monitoring Mechanism Regulation (EU) No 525/2013
  - Commission Implementing Regulation (EU) No 749/2014
  - Latest templates, EU guidance and recommendations
- **Same sector experts** for inventory and projections plus additional technical experts for policy implementation
- Consistent with **historical emission data** (inventory)
- Calculated by using **same methodology** as for national GHG inventory
- **Close coordination** with ministries and stakeholders especially for scenario definition

# NATIONAL SYSTEM FOR PAMS & PROJECTIONS: INSTITUTIONAL ARRANGEMENT



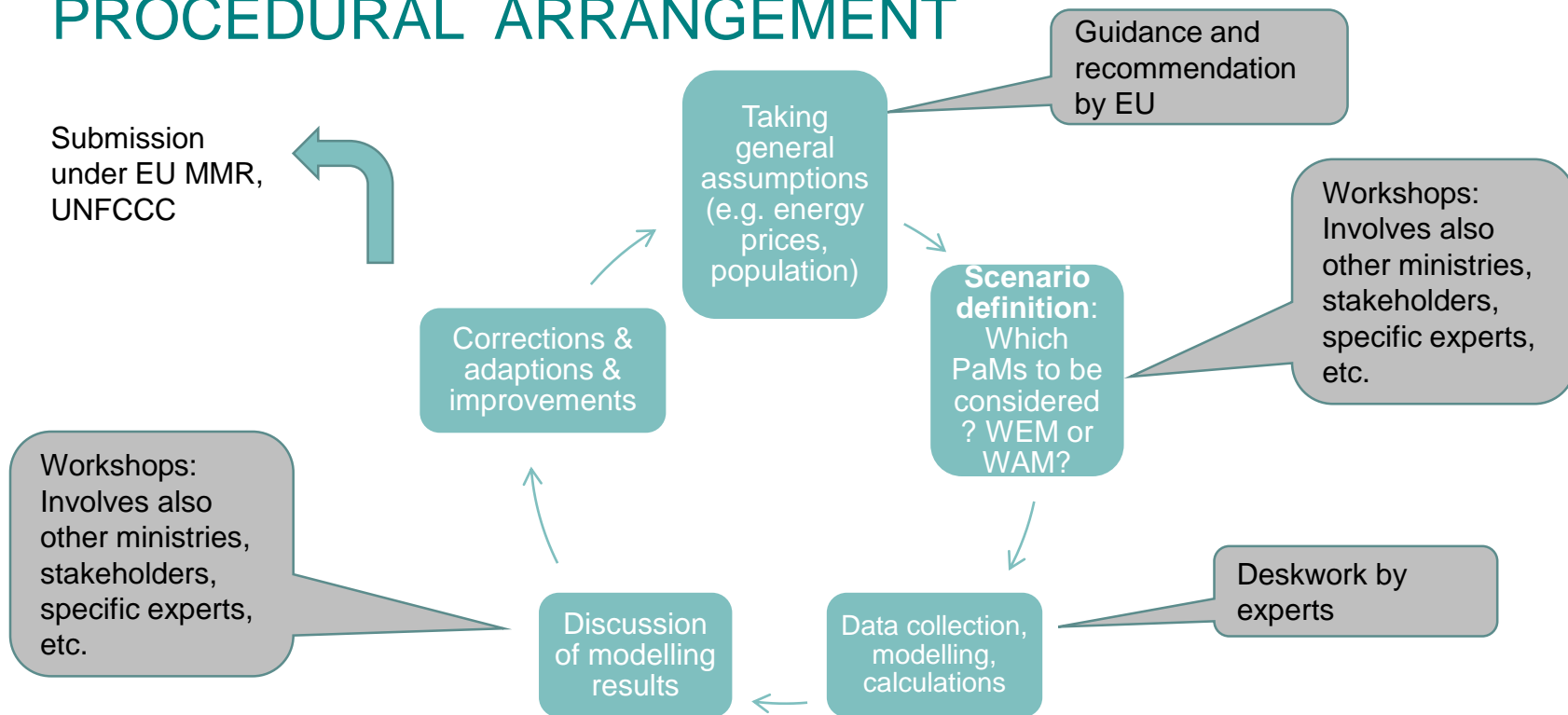
# FRAMEWORK FOR EMISSION PROJECTIONS



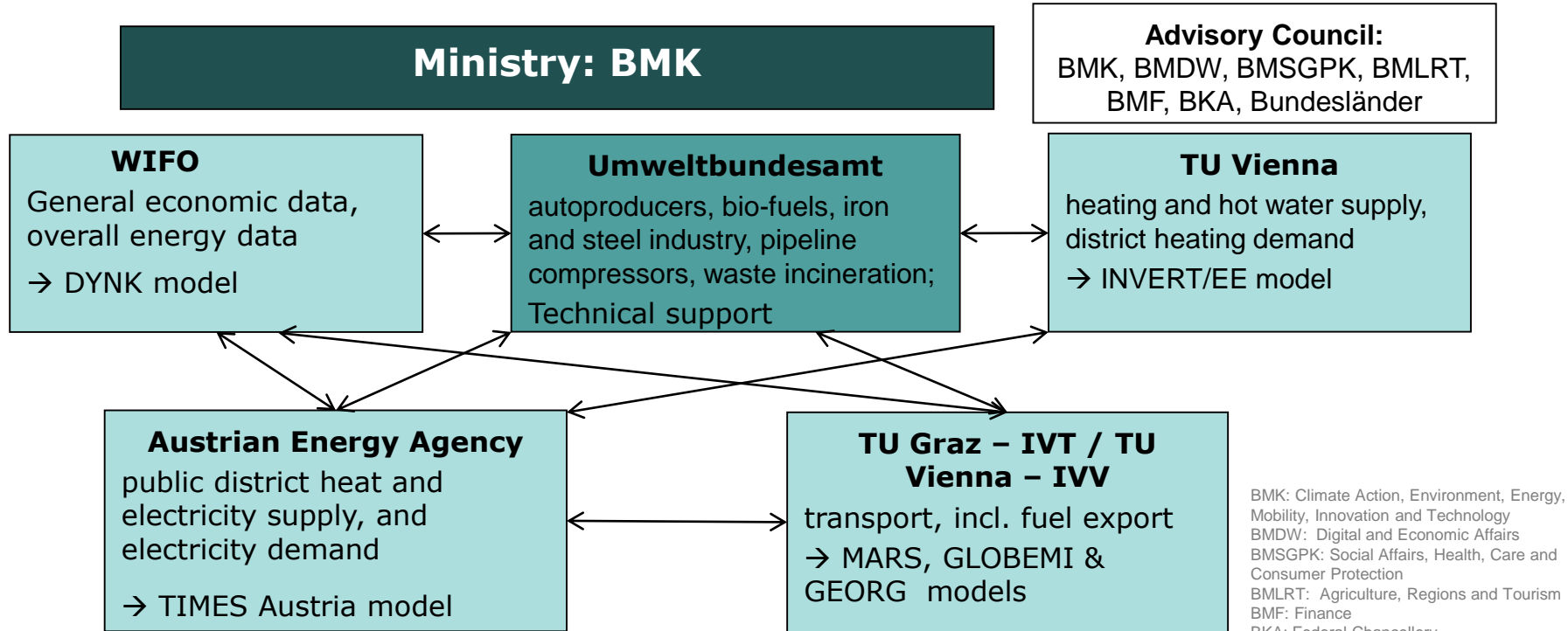
# SECTOR EXPERTS FOR PAMS & PROJECTIONS AT ENVIRONMENT AGENCY AUSTRIA

Project management		Energy & IPPU	Transport	Buildings	Waste	LULUCF	Agriculture	F-gases
	Andreas Zechmeister	Michael Gössl Thomas Krutzler Herbert Wiesenberger	Babara Schodl Holger Heinfellner	Alexander Storch Wolfgang Schieder	Katja Pazdernik Christoph Lampert Elisabeth Kampel	Peter Weiss, Carmen Schmid	Michael Anderl, Simone Haider	Maria Purzner, Nicole Mandl

# NATIONAL SYSTEM FOR PAMS & PROJECTIONS: PROCEDURAL ARRANGEMENT



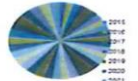
# STRUCTURE FOR ENERGY SCENARIOS & UNDERLYING MODELS



# PROJECT CONSORTIUM AND MODELS

## Intensive coupling of the top-down model with the bottom-up models and data flow

- WIFO/ CESAR:
  - Dynamic New Keynesian Model (DYNK)
- AEA:
  - Model based on TIMES
- TU Vienna - Energie Economics Group/ e-think
  - INVERT EE/ Lab
- TU Vienna - Institut für Verkehrswissenschaften
  - MARS
- TU Graz - Institut für Verbrennungslehre und Thermodynamik
  - GLOBEMI, NEMO and GEORG
- Umweltbundesamt
  - Model for iron and steel industry
- WIFO
  - PASMA



AUSTRIAN ENERGY AGENCY





# ADVISORY COUNCIL

- ❖ Advisory Council with representatives from different ministries (BMK, BMLRT, BMF, BMDW, BKA, BMSGPK) and federal states (Bundesländer)
- ❖ Two main Meetings
- ❖ Presentation of first results and broad discussion about assumptions of the WEM scenario
- ❖ Gathering expert information from directly effected ministries (e.g. BMDW und BMF)

BMK: Climate Action, Environment, Energy,  
Mobility, Innovation and Technology  
BMDW: Digital and Economic Affairs  
BMSGPK: Social Affairs, Health, Care and  
Consumer Protection  
BMLRT: Agriculture, Regions and Tourism  
BMF: Finance  
BKA: Federal Chancellery

# CONTACT & INFORMATION

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MRV Workshop  
Wien ● 17-18.02.2020