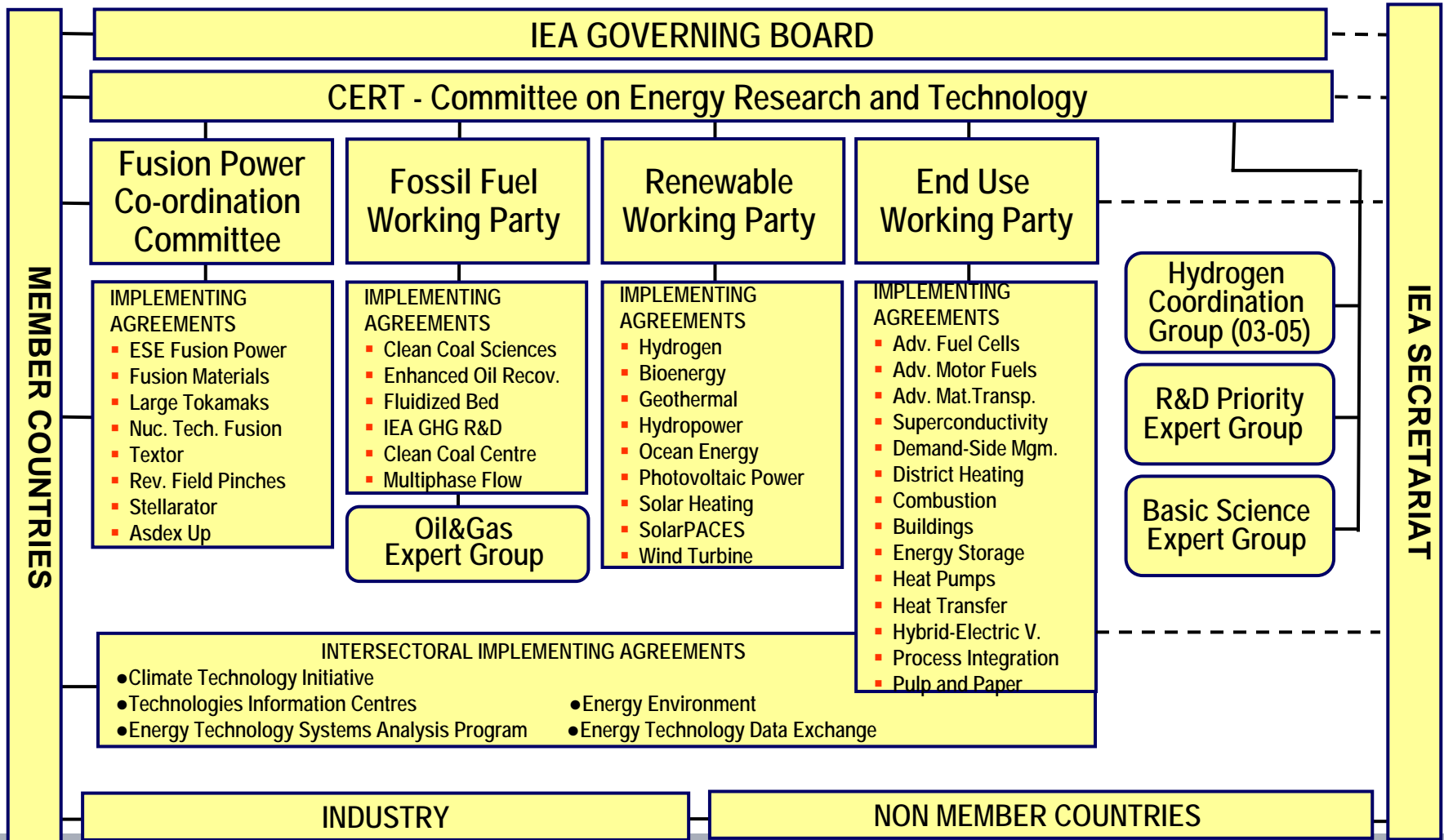


Strategies for IEA Collaboration

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2050

IEA Energy R&D



Austrian IEA Activities (Impl. Agreements)

- **Renewable Energy WP:**
 - Solar Heating and Cooling
 - Photovoltaic Power Systems
 - Bioenergy
 - Wind Energy Technology
- **Fossil Fuel WP:**
 - Clean Coal Centre
 - Enhanced Oil Recovery
 - **Fluidised Bed Conversion**
 - *Greenhouse Gas**
- **Energy End-use WP:**
 - Heat Pump Centre
 - Demand Side Management
 - Advanced Fuel Cells
 - Electric and Hybrid Vehicles
 - Energy Conservation in Buildings and Community Systems
 - *Electricity Networks R&D**
 - *Hydrogen**
- **Others:**
 - Expert Group on R&D Priority Setting
 - Climate Technology Initiative

Cursive: in preparation

Benefits of IEA Work

- Strengthening of national RTD capacities
- Shared costs and pooled technical resources
- Avoided duplication of efforts and repetition of errors
- “à la carte” – participation
- Good international contacts help to be successful e.g. with EU proposals
- Enhanced visibility of austrian RTD at an international level
- World wide cooperation (Japan, USA, Australia, etc.)

RTD of the IEA – Guidelines for Austrian participation

- National priorities are also priorities for IEA participation
- Goals for RTD policy
- High potential areas of austrian RTD
- Long term cooperation in selected areas
- Participation in interesting international developments at a top level
- Industry involvement
- Dissemination and cooperation

Evaluation of Austrian IEA Activities

- Work out the relevance of IEA activities for Austrian R&D
- Does R&D cooperation within the European Research Area replace IEA work?
- Results:
 - **More than 200 significant products: reports, standards, tools, (software,..) methods, patents, technological developments, etc.**
 - **Successful capacity building**
 - **Many realised technological developements**
 - **More than 50 sucessful EU projects, Austrian R&D well established in international networks**
 - **Strong involvement of industry: more than 70 companies and industry associations as partners in IEA projects**
 - **Important national networks could be established**

Further information

- www.nachhaltigwirtschaften.at
- www.energytech.at
- www.e2050.at
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