

Energy

# Energy Research in Germany with a view to the SET-Plan

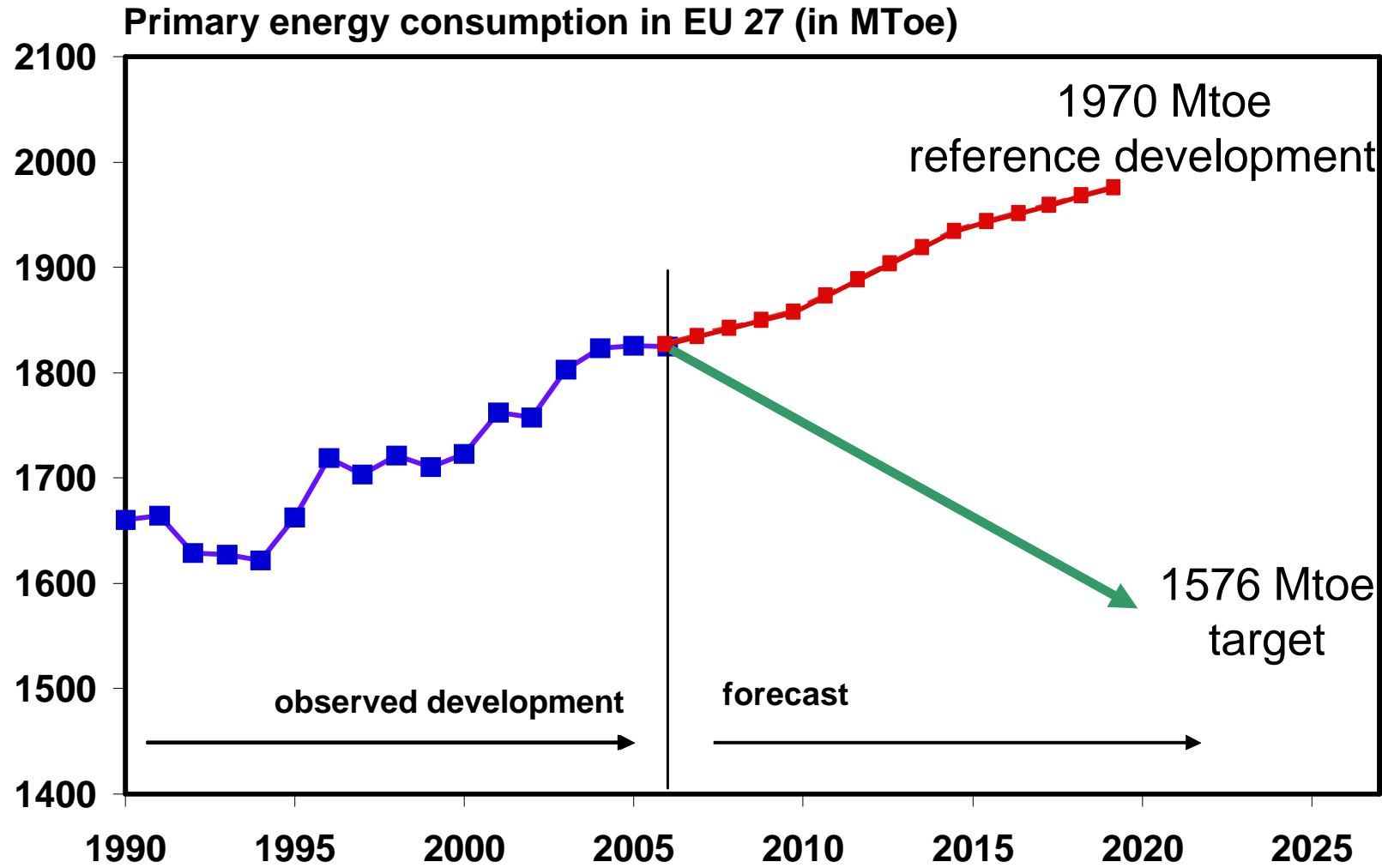
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Federal Ministry of Economics and Technology

**Stimulating Investment in the SET-Plan**

**SET-Plan Summit Conference  
Madrid, 3th / 4th June 2010**

# European Energy Challenge



## 5. Energy Research Programme

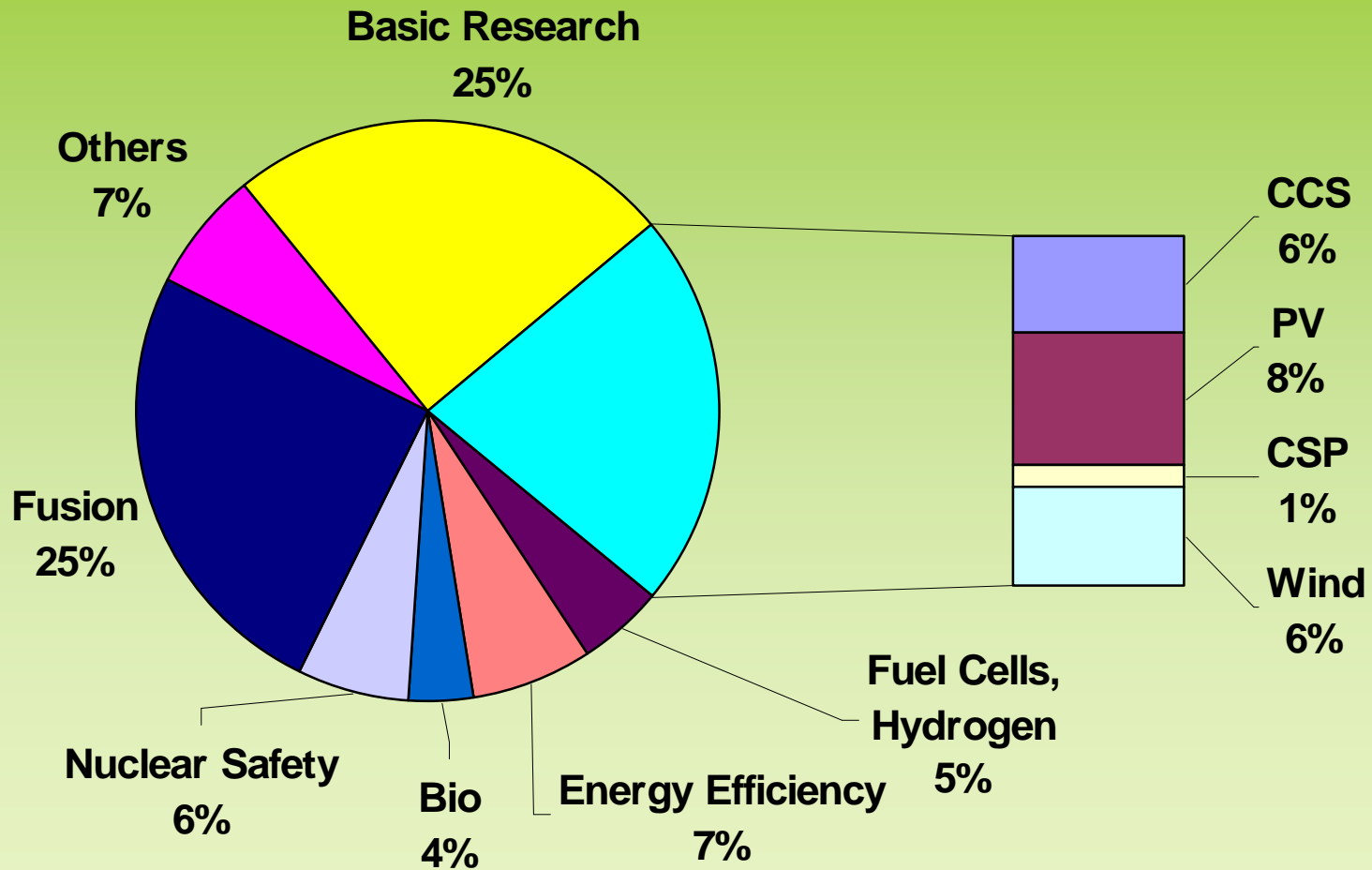
### Innovation and New Energy Technologies

#### Objectives:

- **Maintenance of a well balanced Energy mix,  
Improvement of Energy Efficiency,  
Increase of the share of Renewable Energies**
- **Improvement of flexibility for future energy supply by  
securing and expanding of technological options**
- **Prosecution of other political objections, i.e. economic  
growth, increase of employment, environment- and  
climate protection**

# Federal Government Energy Research 2008

Total 484,4 Mio. €



## National coordination efforts preparing the SET-Plan

- **Workshops** for the exchange of information and discussion of the EEI' s and EERA, 2008 and 2009
- New R&D concept “**Grids for the electricity supply for the future**” with two major elements:
  - a) **National tasks**, i. e. developments of components  
HV DC Grids, FACTS, Superconducting systems
  - b) **Tasks for EU cooperation**, i. e. design of a European super grid
- **Encouragement of German stakeholders** to propose projects with European partners

## German view for SET-Plan activities

- Focus on **key technology areas** for Europe, i. e. Grid, CCS
- Selection of projects with a real **European dimension**, i. e. Demonstration of new components for CSP
- **Benefits** for all participating partners
- **Step by step** approach
- Funding by the **Member States** and additional support by the **European Commission** (as simple as possible)