



The SET-plan

What does it mean for the FCH JU ?

Dr. Stefan Tostmann
Head of Unit Energy Technologies and Research Coordination
DG TREN, European Commission

● Strategic Energy Technology (SET) Plan : Context

- EU energy and climate change policy :
 - » Reduction of greenhouse gas (GHG) emissions
 - » Increase security of energy supply
 - » Promote European competitiveness
- **The SET-Plan is the TECHNOLOGY PILLAR**
- From 80% dependency on fossil fuels to 80% reduction in GHG emissions in 40 years !
 - » A reinvention of our energy system...

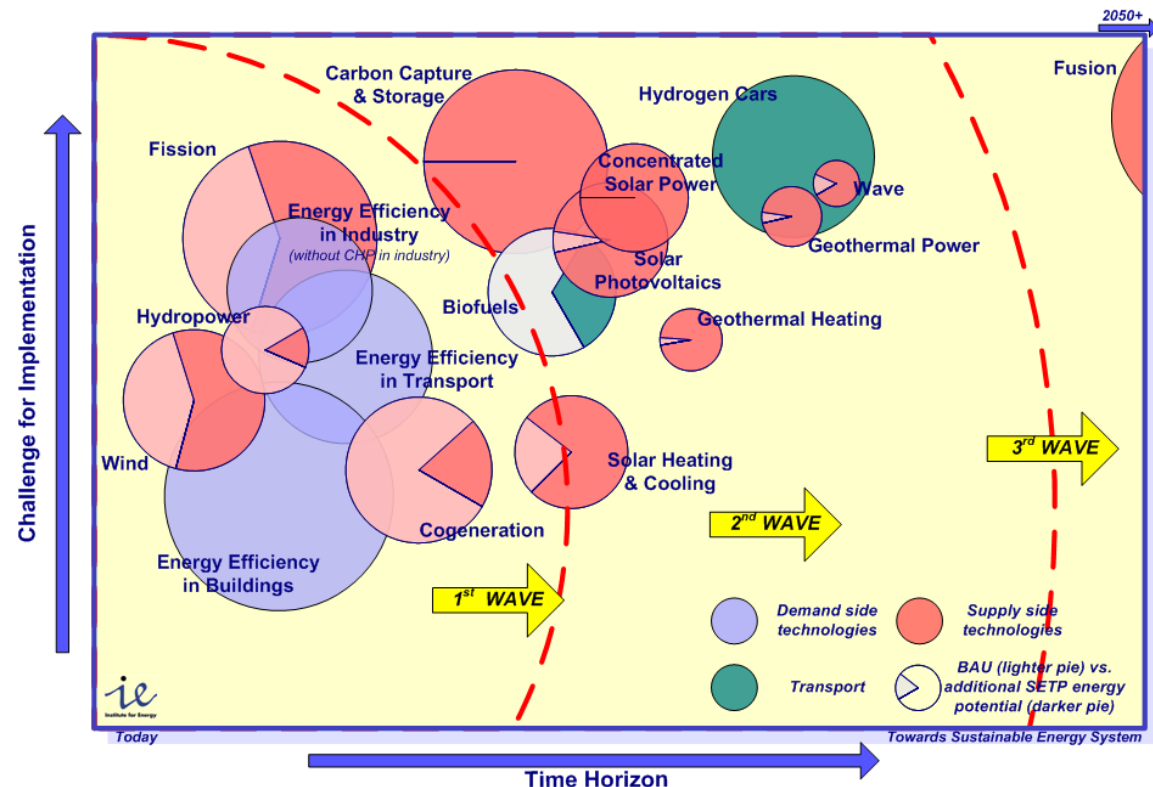


- **European Industrial Initiatives (EII)**
 - Led by industry
 - Boost research and innovation
 - Accelerate development of technology
 - Define & realise clear targets (quantified objective)
 - Deliver progress beyond business-as-usual
 - Contribute to political goals
 - Foster Public Private Partnership



● Priority initiatives

- FCH JU
- Solar Europe
- European Wind
- Bio-Energy Europe
- European CO₂ capture, transport & storage
- European electricity grid
- Sustainable nuclear fission (gen-IV)

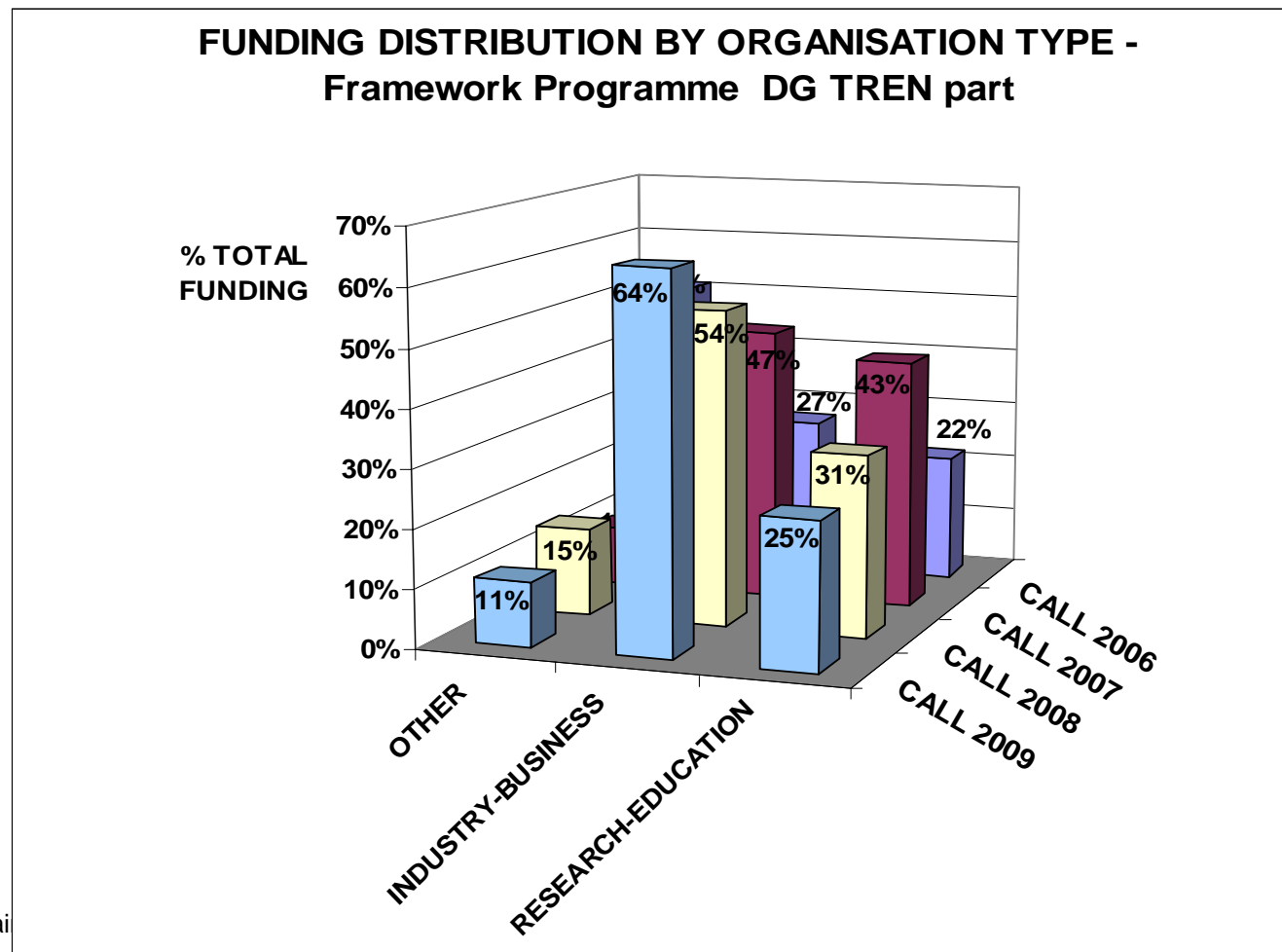


EUROPEAN
COMMISSION

Disclaimer: Not legally binding

Gearing programmes to objectives

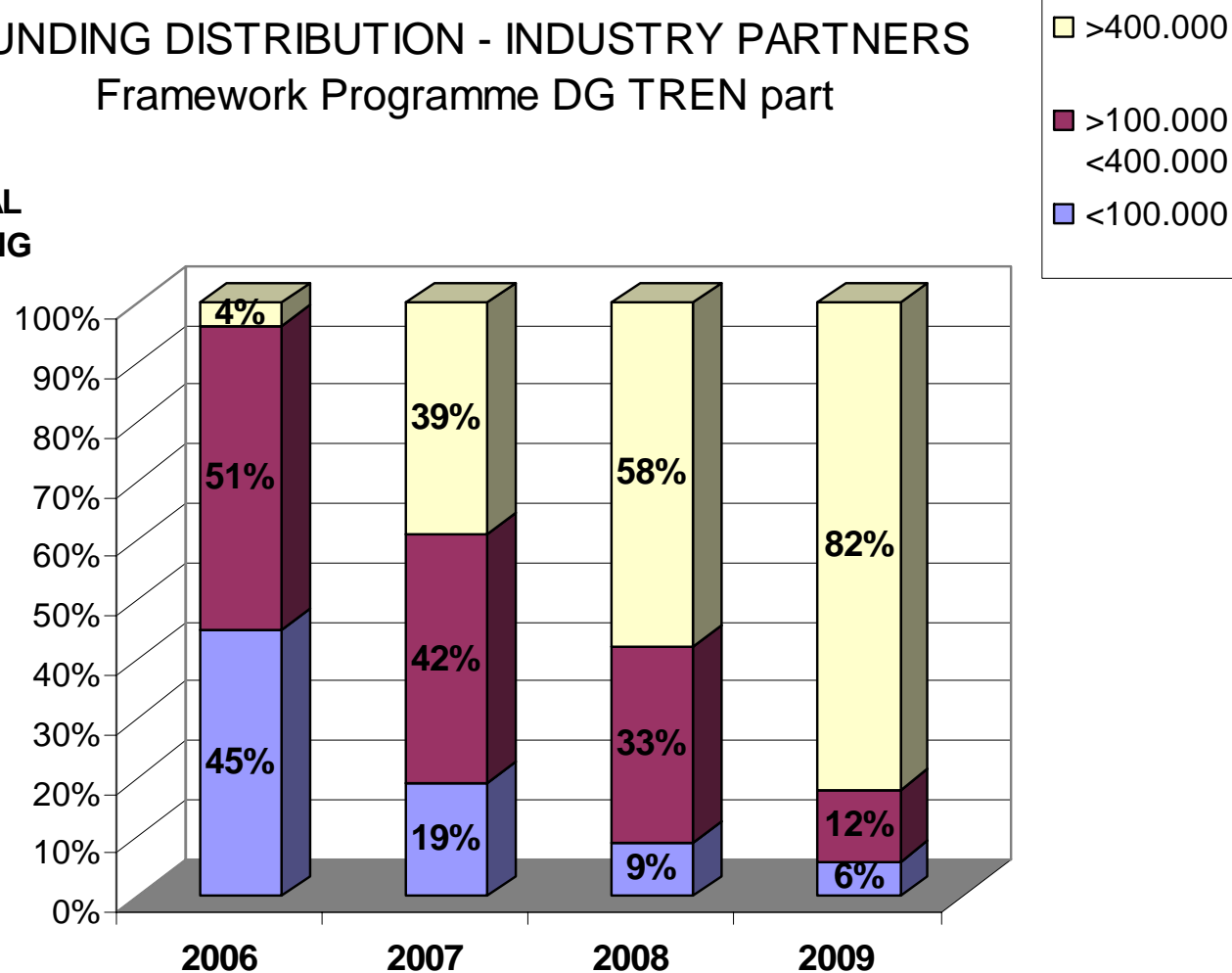
- Industry and business relevance
- Generate commitment



FUNDING DISTRIBUTION - INDUSTRY PARTNERS

Framework Programme DG TREN part

% TOTAL
FUNDING



EUROPEAN
COMMISSION

Disclaimer: Not legally binding

● **EC Communication on “Investing in the Development of Low Carbon Technologies”**

Commission calls for :

- An increase in investment – public and private – for the development of low carbon technologies
- Support for the Technology Roadmaps as the basis for launching the Industrial Initiatives
- Focus of Community programmes on the SET-plan initiatives, including through Joint Programming
- Reinforcement of the financial instruments involving the EIB Group
- A new look at financial engineering for large projects and early market replication
- Strengthened international cooperation



EUROPEAN
COMMISSION

Disclaimer: Not legally binding



Thank you for your attention



EUROPEAN
COMMISSION