

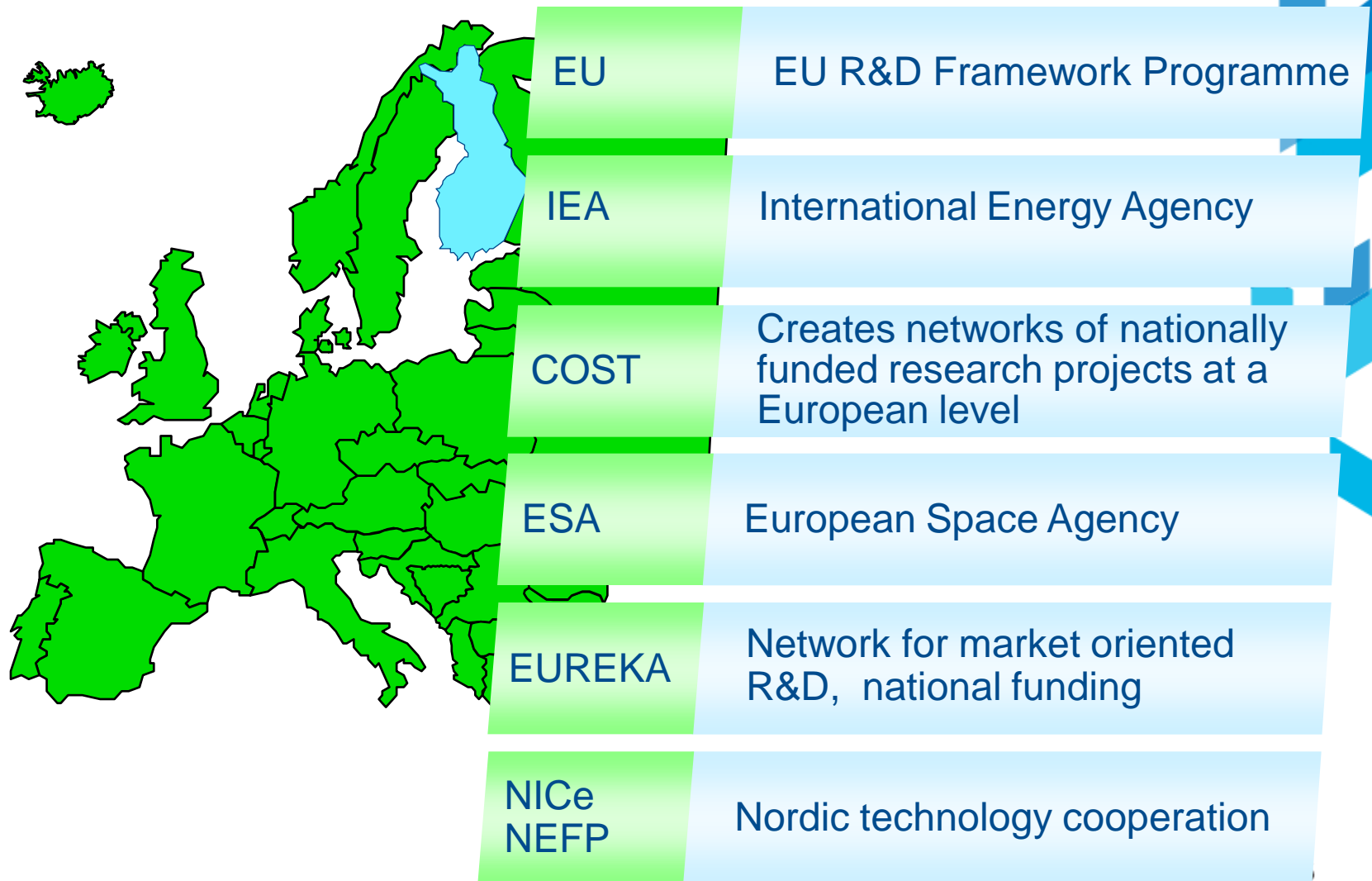
Finnish Energy R&D and IEA

Martti Korhikoski
The Finnish Funding Agency For
Technology and Innovation

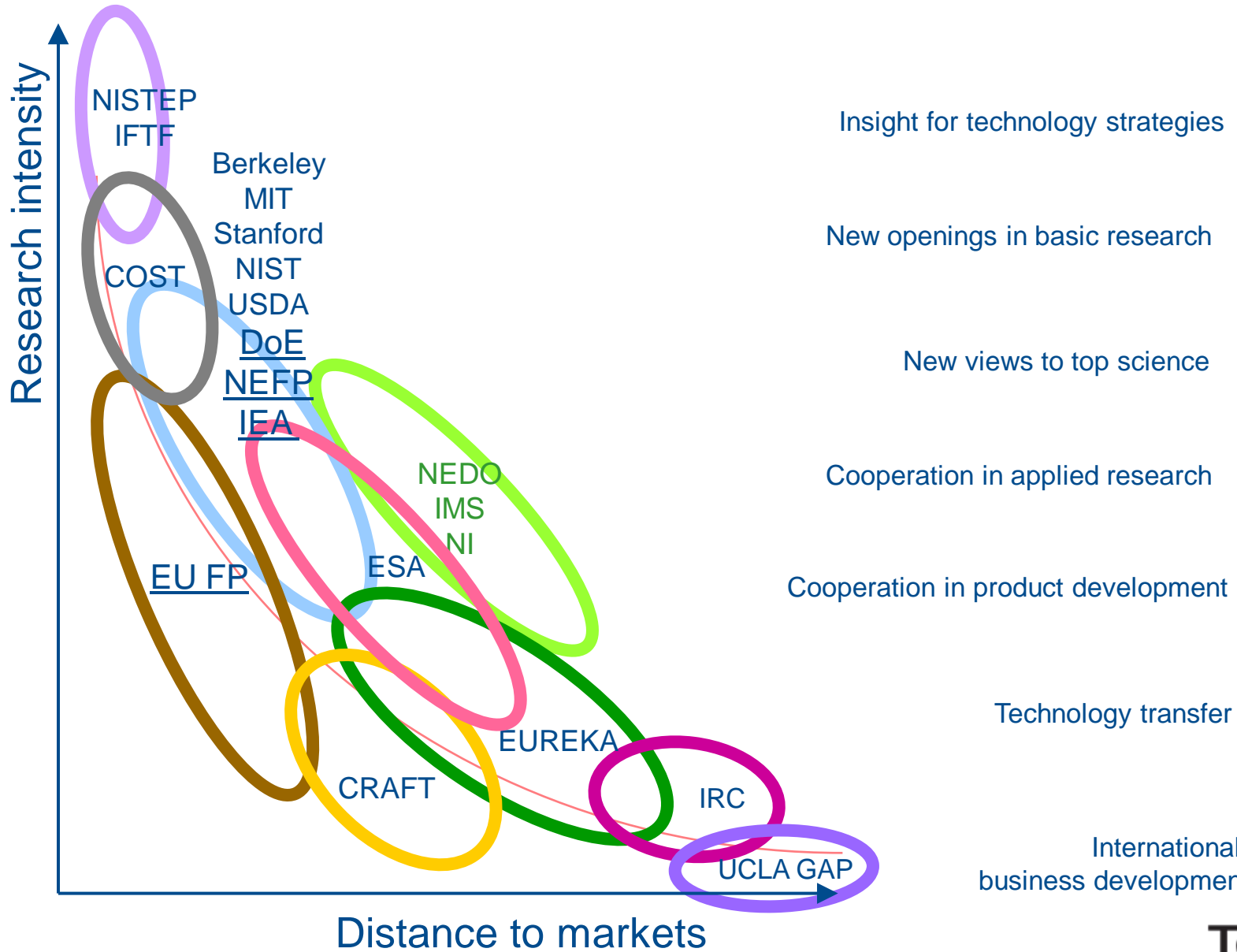
2.6.2010
IEA HPP Workshop



Finland in the European technology cooperation



International networks in the energy area



International business development



Finland and IEA

general information

- Member since 1992 (observer in R&D collaboration since 1982)
- Finland's membership fee in IEA 0,7 % (200 k€/a)
- Totally 41 Agreements ongoing, Finland takes part in 22
- Participation fees in Agreements, Tasks and Annexes 320 k€ (2009)
- In 2009 four Tekes projects directly involved with IEA 1,7M€

Finland takes part in 22 IEA agreements 2010

Renewables (5)

- Bioenergy
- Solar Heating & Cooling
- Wind Energy Systems
- Hydro Power
- Hydrogen

Fossil fuels (2)

- Fluidised Bed Conversion
- Greenhouse Gas R&D Programme

Cross Cutting Agreements (3)

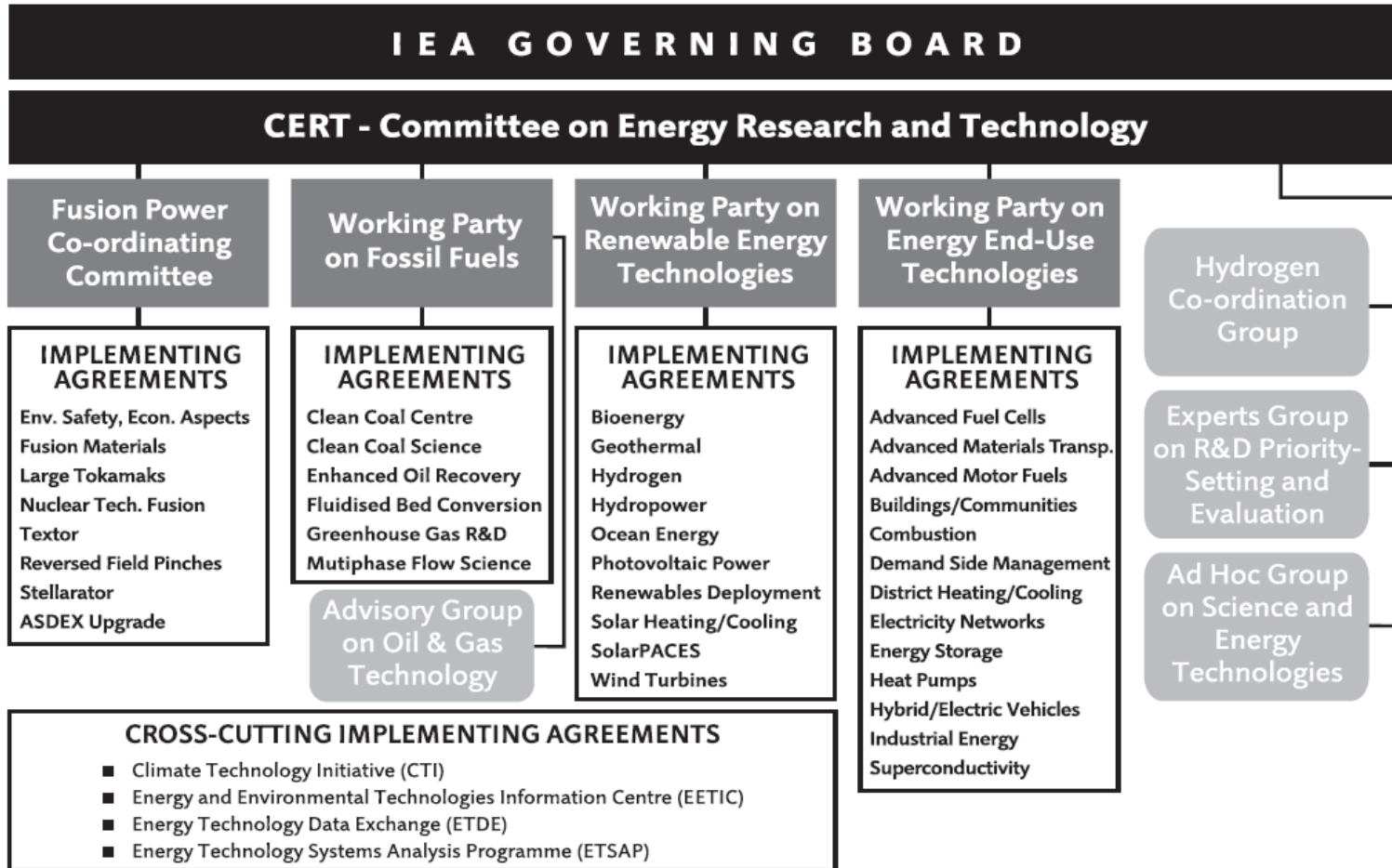
- ETDE (Energy Technology Data Exchange)
- Energy Systems Analysis Programme (ETSAP)
- Climate Technology Initiative (CTI)

Fusion Power

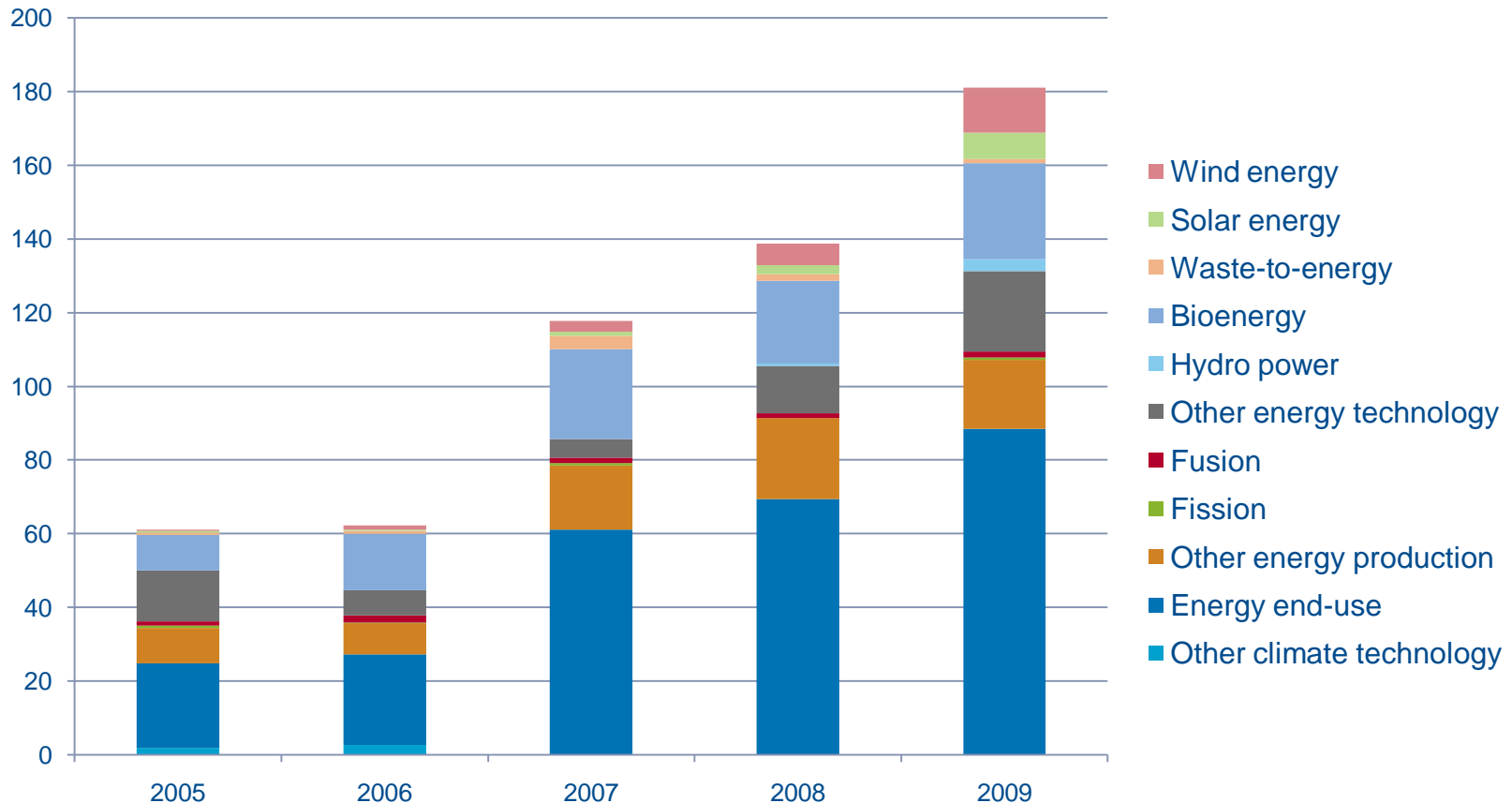
End Use (12)

- District Heating & Cooling
- Energy Storage
- Building & Community Systems (ECBCS)
- IETS (Industrial Energy-related Technology Systems)
- Emission Reduction in Combustion
- Demand Side Management (DMS)
- Electricity Networks Analysis, Research & Development (ENARD)
- High-Temperature Superconductivity (HTS) on the Electric Power Sector
- Advanced Motor Fuels
- Advanced Fuel Cells
- Heat Pumping Technologies
- Hybrid and Electric Vehicles (HEV)

The IEA Energy Technology Network

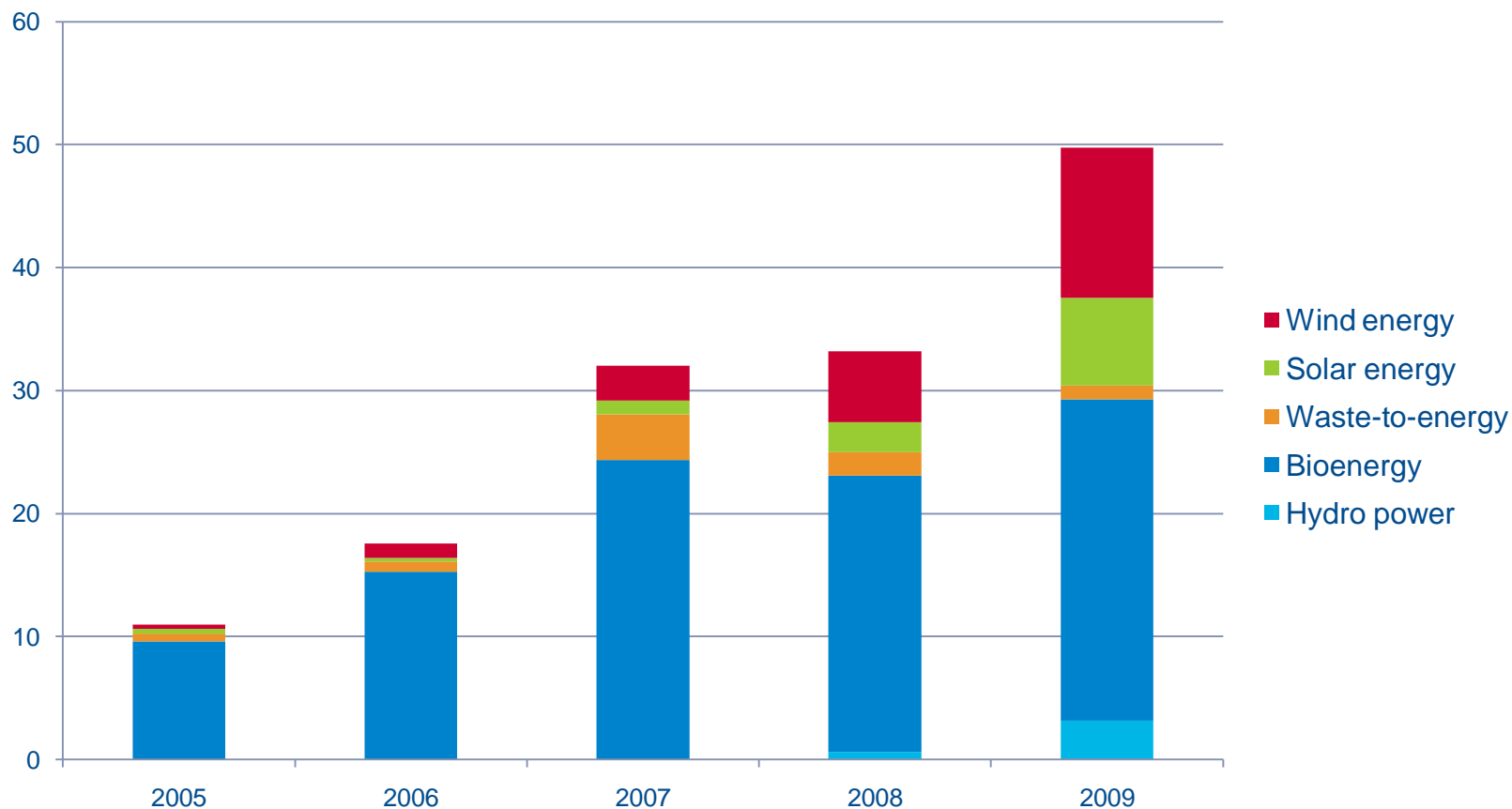


TeKes Funding for Energy and Climate Technologies 2005-2009 M€



Since 2007 it has been obligatory in the funding process to evaluate whether the project has energy or environmental impact

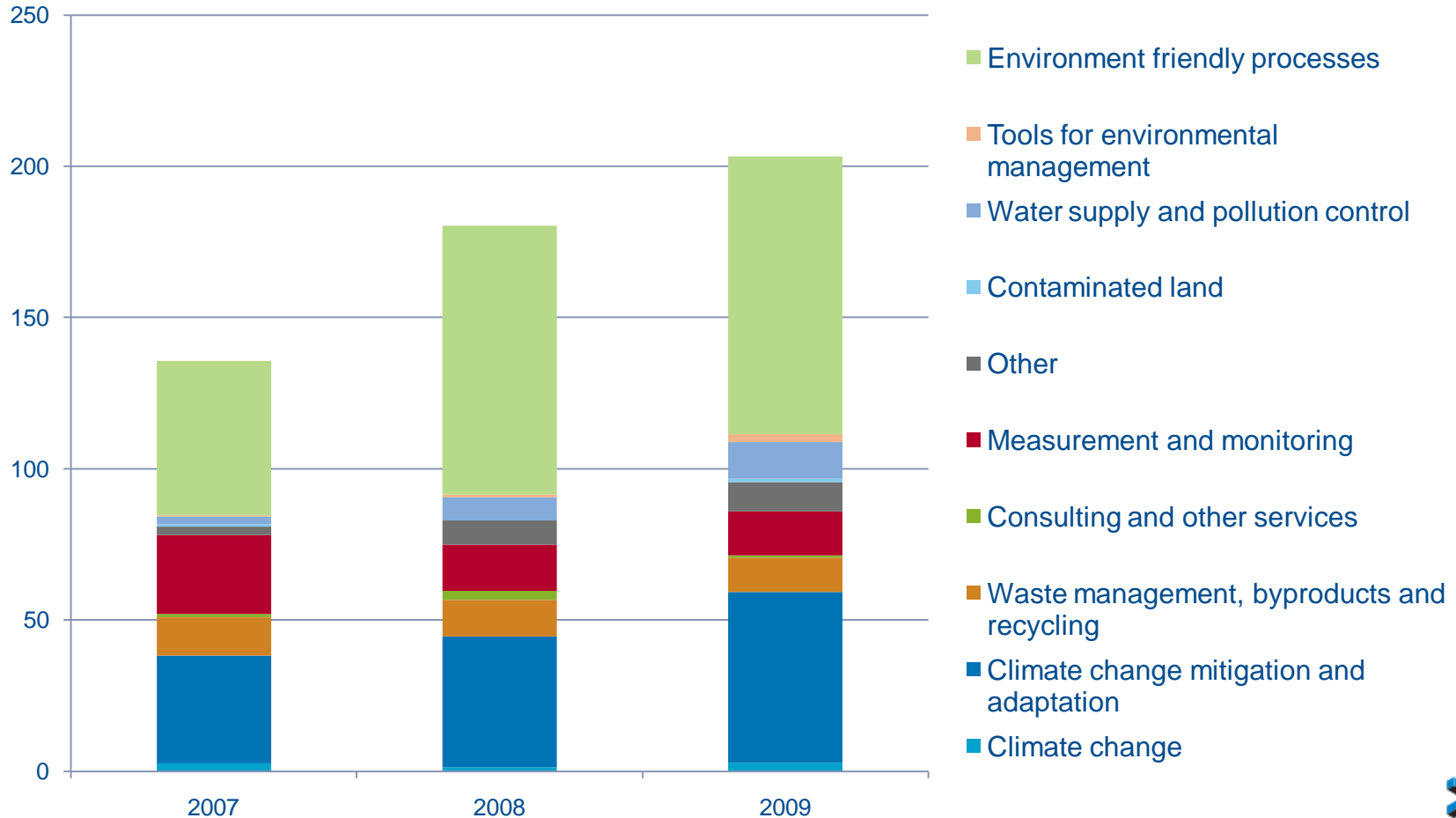
Funding for Renewable and Waste-to-Energy Technologies 2005-2009 M€



Funding for Energy Efficiency Technologies 2007-2009



Funding for Environmental Technologies and Services 2007-2009(M€)



Tekes Programmes (Energy and Environment area)

- WOOD ENERGY 1999-2003
- WASTE TO REF & ENERGY 1998-2001
- CODE 1999-2002
- WOOD COMBUSTION 1997-1999
- SMALL SCALE PRODUCTION AND USE OF WOOD FUELS 2002-2006
- DENSY 2003-2007
- FUSION 1999-2002, 2003-2006
- PROMOTOR 1999-2003
- PROCESS INTEGRATION 2000-2004
- CUBE 2002-2006
- CLIMTECH 1999-2002
- CLIMBUS 2004-2008
- STREAMS 2001-2004
- FINE 2002-2005

