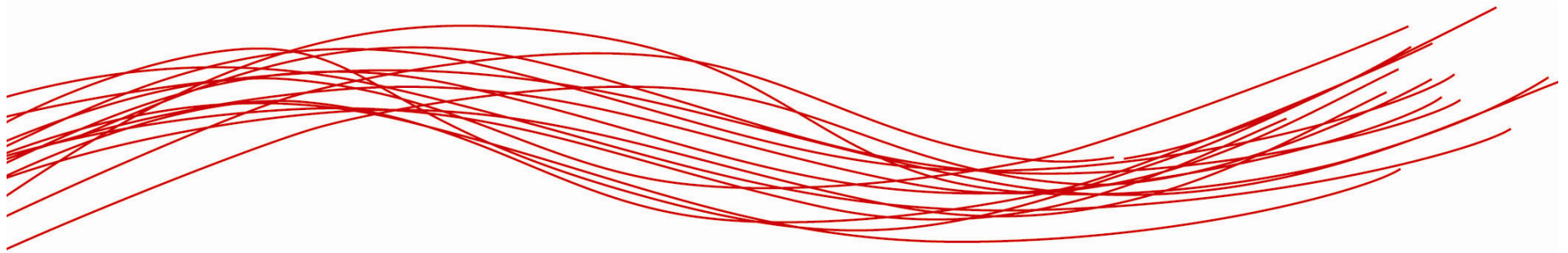




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Hochschulrektorenkonferenz



European Commission
Research DG, Industrial Technologies Directorate
Herbert von Bose, Director

European Commission - DG Research - EU Coordination & Major initiatives





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JTIs: objectives

- Strengthen Europe's position as technologically innovative economy
- Support trans-national co-operation in fields of key importance for industrial research
- Respond to industry needs
- Build on European Technology Platforms



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JTIs: rationale

- Support implementation of key elements of Strategic Research Agendas of European Technology Platforms where:
 - scale and scope of objectives are particularly ambitious
 - high and sustained levels of industry commitment
 - substantial public and private investment and resourced required
 - existing instruments are insufficient
- Provide necessary leadership to achieve ambitious research objectives



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JTIs: identification criteria

- Added value of European-level intervention
- Degree and clarity of definition of objective
- Strength of commitment from industry
- Scale of impact on industrial competitiveness and growth
- Importance of contribution to broader policy objectives
- Capacity to attract additional national support and leverage industry funding
- Inability of existing instruments to achieve objective





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JTIs: topics

In the “Cooperation” Specific Programme,
six fields identified:

- Fuel Cells and Hydrogen (FCH)
- Aeronautics and Air Transport (“Clean Sky”)
- Innovative Medicines (IMI)
- Embedded Computing Systems (ARTEMIS)
- Nanoelectronics Technology 2020 (ENIAC)
- GMES (Global Monitoring for Environment and Security)



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JTIs: approach

- No “one size fit all” approach
 - nature of technological challenges vary
 - stakeholder relations differ
 - tailored financial engineering needs
- But need for key guiding principles
 - ensure efficiency and durability
 - support long-term stakeholder commitment
 - promote openness, transparency and co-operation



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JTIs: involvement of universities

- Role in definition of detailed research agendas e.g. IMI
- Important players in implementation of JTIs
 - responding to calls for proposals
- Important to take proactive approach in developing links with other stakeholders in JTIs



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JTIs: next steps

Council Regulations adopted on 20 December 2007:

- IMI
 - Clean Sky
 - ARTEMIS
 - ENIAC
-
- Fuel Cells and Hydrogen: Commission Proposal adopted October 2007
-
- GMES: 2008/2009



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JTIs: further information

<http://cordis.europa.eu/fp7/jtis>