

# FET Flagship Initiatives

## Call for Preparatory Actions



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# Key Milestones of FET Flagships preparation I - past

- 2009 / 04 EC Communication *'Moving the ICT frontiers'*
- 2009 / 07 ISTAG report
- 2009 / 11 Setup of the EC InterService Group
- 2009 / 12 COMP Council endorsement
- 2009 / 12 Online consultation for ideas opens
- 2010 / 01 Start of FET Flagship study to design a valid legal and operational framework
- 2010 / 01 FET Flagships Workshop in Brussels (22 Jan)
- 2010 Q1 Open consultation with the scientific community on initial ideas



# Key Milestones of FET Flagships preparation II - future

- 2010 Q2 Setup of the National ICT Directors'WG  
(First meeting 8 June)
- 2010 / 06 First joint scientific / policy event (9/10 June)  
Setup of the FET Flagships Science Forum and its  
coordination group
- 2010 / 07 Launch of a competitive call to support  
comprehensive FET Flagship Pilots
- 2010-2012 Preparation of implementation framework
- 2011 Q2 FET Flagship Pilots: design & feasibility  
establishment of high-potential candidates
- 2012 Q3 Selection of FET Flagships
- 2013 Launch of first two FET Flagships



- **DRAFT** WP 2011-12: Objective ICT-2011.9.5: FET Flagship Initiative Preparatory Actions

*"A call for **Coordination and Support Actions** that will integrate fragmented research efforts around large-scale, visionary and goal-driven, multidisciplinary research initiatives"*

# Requisites for FET Flagship initiatives

- are **science-driven**
- require **multidisciplinary** collaboration
- are nucleated from ICT future and emerging technologies and going **beyond** the ICT programme.
- there should have a **unifying goal** (visionary and highly ambitious)
- are envisioned to be **long term** programmes
- on a **scale** beyond FET Proactive Initiatives.
- they can only be realised through a **federated effort of key stakeholders**

# Criteria for FET Flagship initiatives (not for the CSAs)

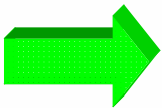
- **Mission:**
  - the unifying goal should be a **clearly formulated** and **broadly accepted** long term vision involving major challenges in science and technology
  - requiring a large federated effort
  - **justified** via comparison with existing activities and state of the art
- **Impact:**
  - substantial progress and major innovation in **science and technology**
  - on competitiveness of European industry,
  - **society**, governance and sustainability
  - considering potential ethical and legal implications
- **Integration:**
  - an **operational framework** describing how relevant disciplines, stakeholders and resources will be brought together
  - how they can be **efficiently coordinated** under strong scientific leadership
  - along a **cohesive roadmap with reasonable milestones** that mark valuable interim results



# What we expect the CSAs to do: Target outcome a)

**“Complete design and description of a consolidated candidate FET Flagship Initiative including assessment of feasibility in scientific, technical and financial terms”**

- a well-defined goal thoroughly justified in terms of scientific advance and impact
- an implementation plan, with an integrative research agenda to enable the launch of a FET Flagship by 2013.
- the identification of financial resources,
- Capacity and clear evidence of commitment from key stakeholders
- adequate level of integration and identity of the supporting community,
- an operational framework, with an indication of the degree of maturity of the integration of topics and resources with time.



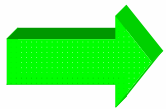
The objective is to support in the order of **5-6 projects**,  
with a maximum duration of **12 months**



# What we expect the CSAs to do: Target outcome b)

“Provide support to the setup of candidate FET Flagships by coordination of common issues”

- establishment of common platforms to tackle frequent tasks or shared interests,
- promoting networking and structuring of communities,
- organization of joint events



The objective is to support 1 project, with a funding in the order of EUR 1 million



# Expected Impact of the CSA

- Generate European scientific leadership
- Key benefits for science, technology, economy and society
- Involvement and commitment from key stakeholders
- Coordination of EU and national research programmes and initiatives.



# Tentative timeline



Call Opening	30th July 2010
Call Closing	2nd December 2010
Evaluation and selection	Q1 2011
Start of CSAs	Q2 2011
End of CSAs	Q2 2012

**Indicative Budget: 10 million €**



# What is a Coordination action ?

Coordination actions are designed to promote and support the networking and co-ordination of research and innovation activities at national, regional and European level over a fixed period

by establishing in a coherent way coordinated initiatives of a range of research and innovation operators, in order to achieve improved integration of the European research



# What is a Support action ?

Support actions are designed to

- underpin the implementation of the programme
- complement the other instruments,
- help in preparations for future Community research and technological development policy activities and
- stimulate, encourage and facilitate the participation of SMEs, small research teams, newly developed and remote research centres, as well as organisations from International Cooperation Partner Countries in the activities of the ICT theme

Support action proposal may be presented by a consortium or single organization, from any country or countries



# Evaluation Criteria

<b>Coordination and Support actions</b>	<b>S&amp;T QUALITY</b>	<b>IMPLEMENTATION</b>	<b>IMPACT</b>
	<ul style="list-style-type: none"> <li>•Clarity of objectives</li> <li>•Contribution to the co-ordination and/or support of high-risk and high-impact research, for new or emerging areas or horizontally</li> <li>•Quality and effectiveness of the coordination and/or support activities</li> </ul>	<ul style="list-style-type: none"> <li>•Quality of workplan and management</li> <li>•Quality and relevant experience of the individual participants</li> <li>•Quality of the consortium</li> <li>•Appropriate management of the resources to be committed (person-months equipment, budget)</li> </ul>	<ul style="list-style-type: none"> <li>•Transformational impact on the communities and/or practices for high-risk and high-impact research</li> <li>•Appropriateness of measures for spreading excellence, use of results, and dissemination of knowledge, including engagement with stakeholders</li> </ul>
<p><b>Threshold: 3/5</b> <b>Weight: 40%</b></p>	<p><b>Threshold: 3/5</b> <b>Weight: 20%</b></p>	<p><b>Threshold: 3/5</b> <b>Weight: 40%</b></p>	

**Overall Threshold 10.5/15**

