



EUROPEAN
COMMISSION

Community research

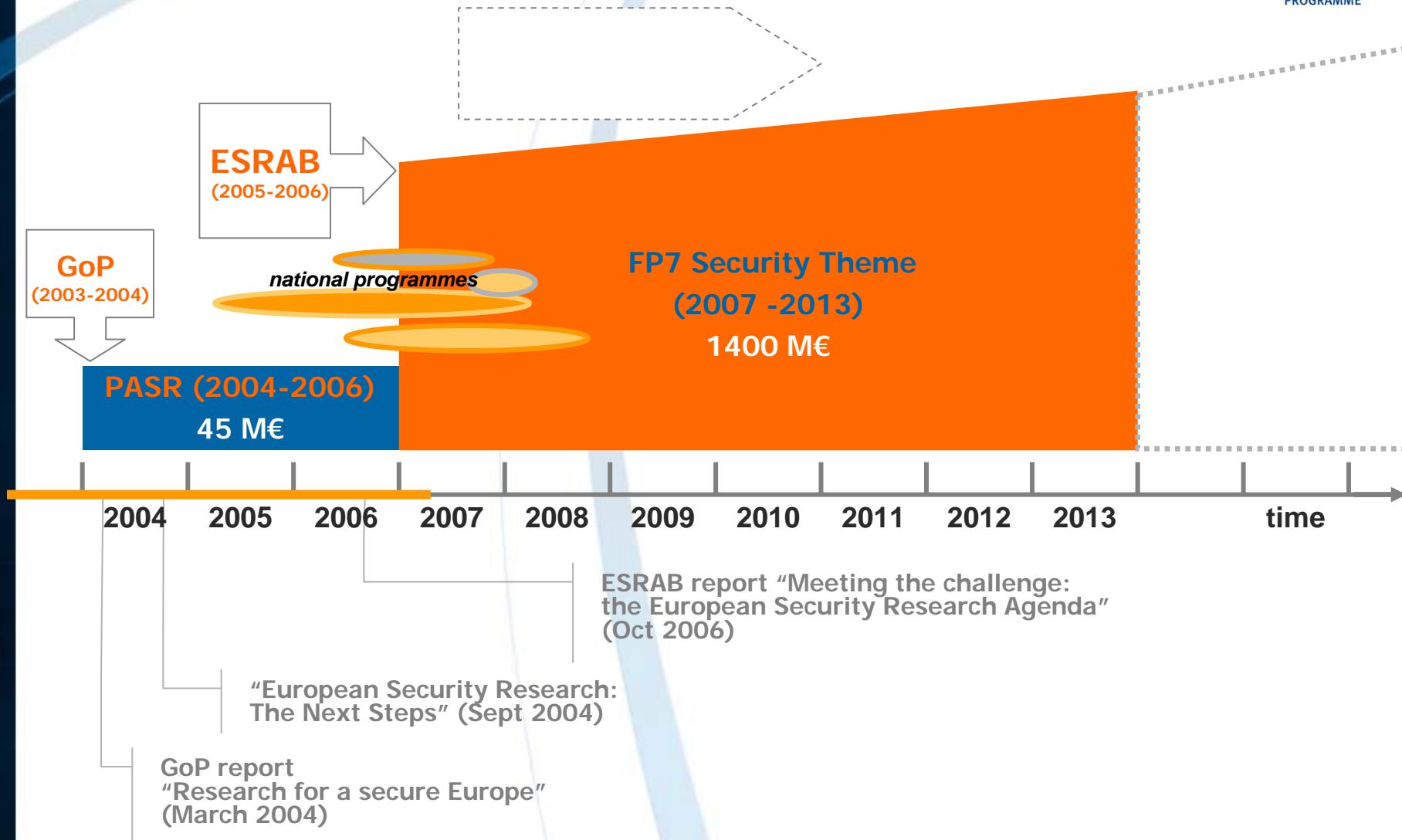
Security
Research

Introduction
to the Security theme

Seventh
Framework
Programme
2007-2013



Evolution of European security research





PASR Preparatory Action for Security Research 2004 - 2006



- Outside FP6
- An overall budget of € 45M
- 3 calls: 15 M€ budget each and ~15x over-subscribed
- Participants from EU25 + EEA
- <http://ec.europa.eu/enterprise/security>;
<http://cordis.europa.eu/security>

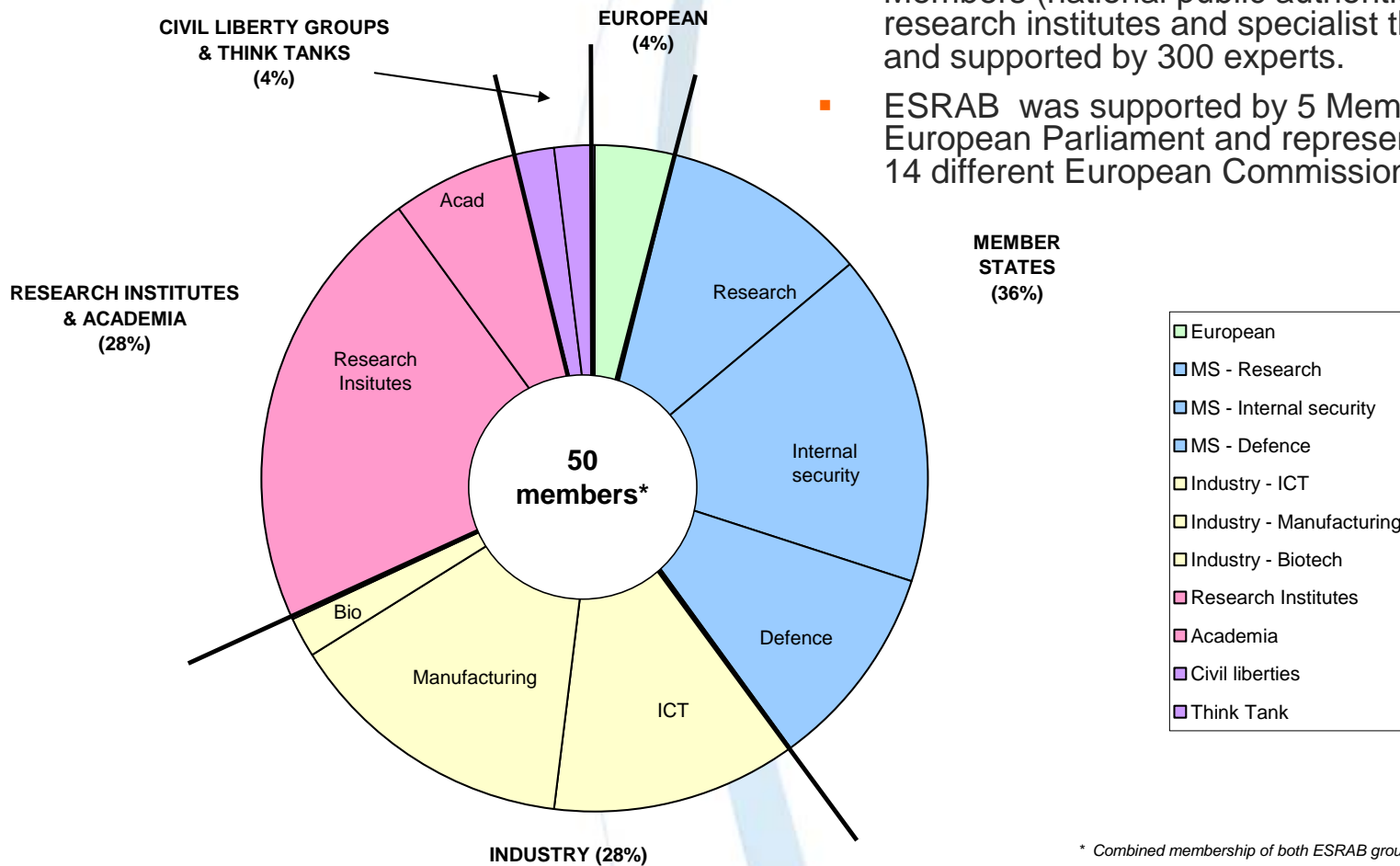
Results (funded)	2004	2005	2006
Projects	123 (7)	120 (8)	121 (8)
Supporting activities	50 (5)	36 (5)	44 (7)
Total	173 (12)	156 (13)	165 (15)



ESRAB European Security Research Advisory Board: 4/2005 – 12/2006



- ESRAB was composed of 50 High Level Members (national public authorities, industry, research institutes and specialist think tanks) and supported by 300 experts.
- ESRAB was supported by 5 Members of the European Parliament and representatives from 14 different European Commission services



* Combined membership of both ESRAB groups



ESRAB report: issued September 2006

Section 1 — Introduction

- How it all started - Navigating the report

Section 2 — Technology development

- Framework, structure and methodology
- Mission area analysis
- Cross mission area analysis

Section 3 — Security and society

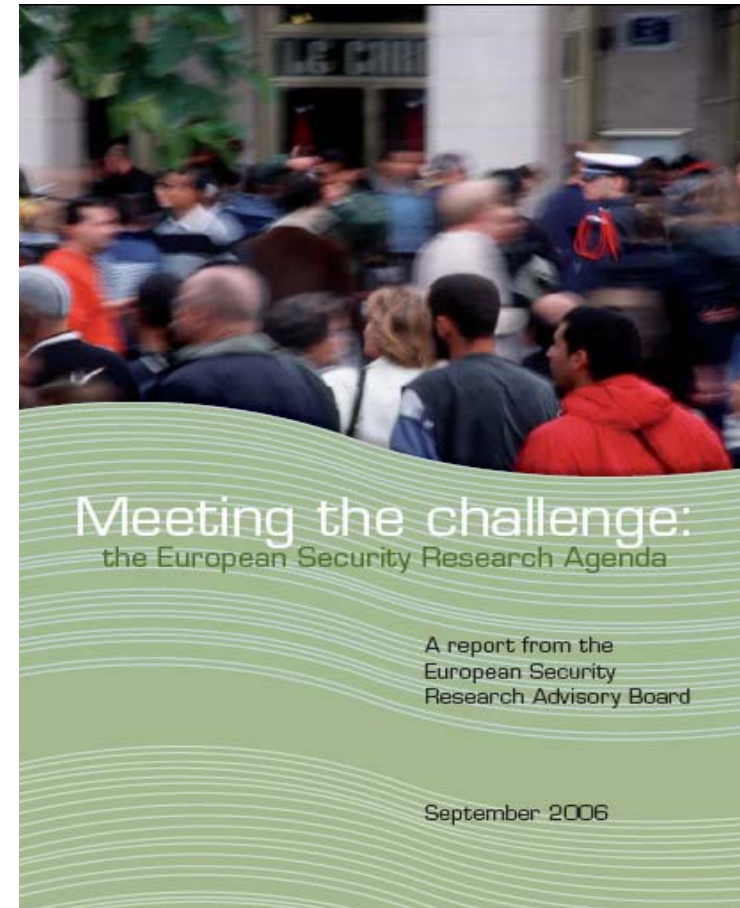
- Citizens and security
- Organisational structures and cultures of public users
- Foresight, scenarios and security as an evolving concept
- Security economics
- Ethics and justice

Section 4 — Enablers

- Implementation rules
- Co-ordination and structuring
- Link to innovation

Section 5 — Findings

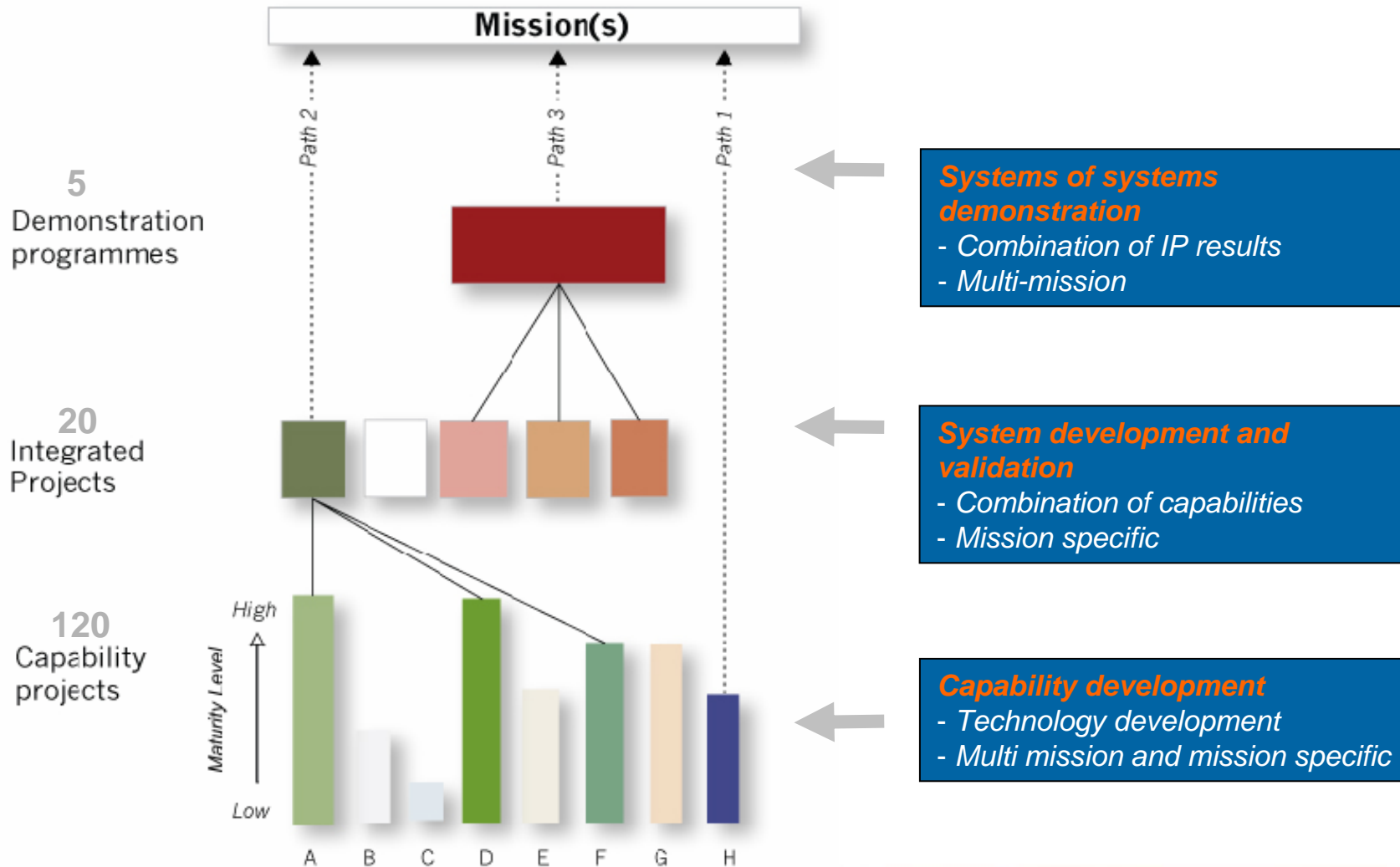
- Key findings / Next steps



Available on
<http://ec.europa.eu/enterprise/security>



ESRAB results : from research to missions





FP7 2007 – 2013

■ SP Cooperation

32.413 M€

1. Health
2. Food, Agriculture & Biotechnology
3. Information & Communication Technologies
4. Nanosciences, Nanotechnologies, Materials & new Production Technologies
5. Energy
6. Environment (including Climate Change)
7. Transport (including Aeronautics)
8. Socio-economic Sciences & Humanities
9. Space
10. **Security**

1.400 M€



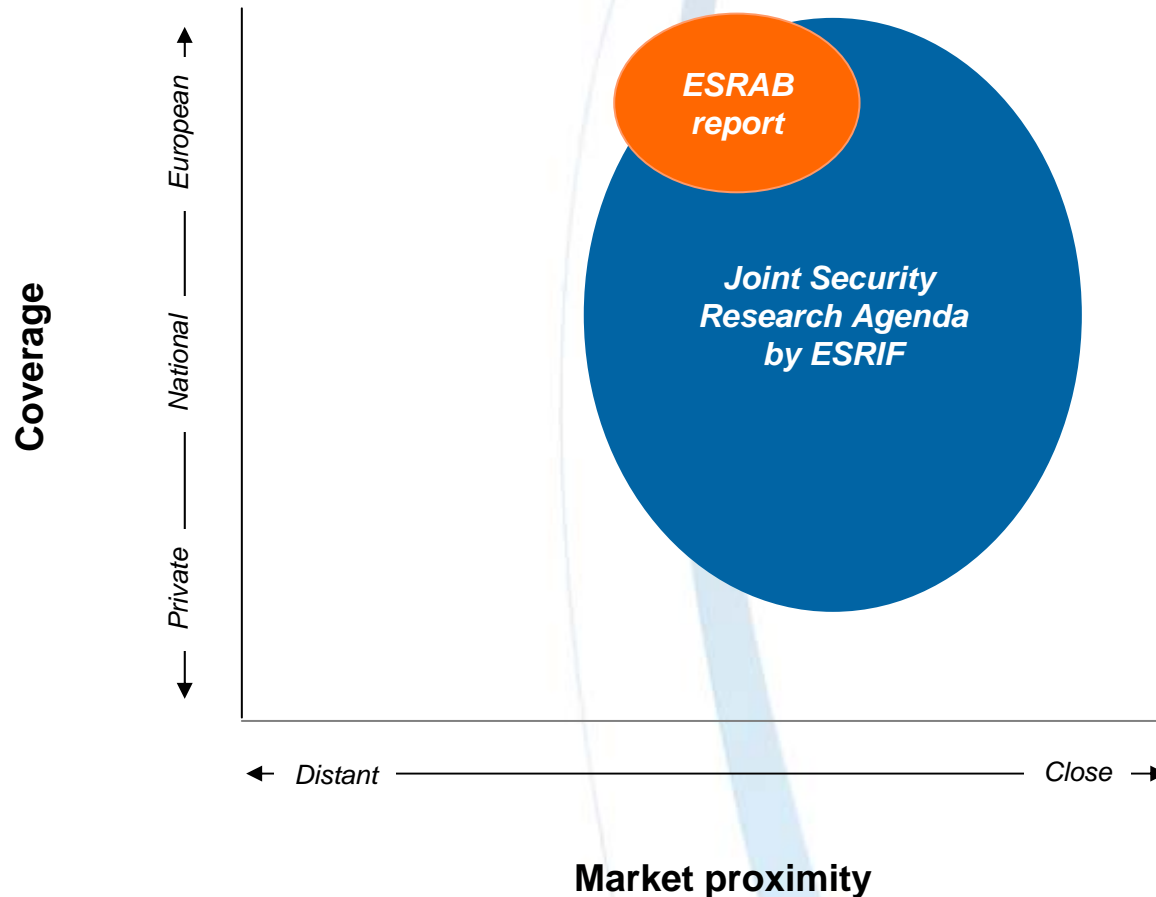
Security theme in FP7 2007 – 2013

- **4 Security missions / activities:**
 1. Security of citizens
 2. Security of infrastructure and utilities
 3. Intelligent surveillance and border security
 4. Restoring security and safety in case of crisis

- **3 Cross cutting activities:**
 5. Security systems integration, interconnectivity and interoperability
 6. Security and Society
 7. Security Research coordination and structuring



ESRIF European Security Research and Innovation Forum



Mid and long term orientation

Structuring effects on European Security sector expected (demand and supply side)



FP7 Security Research



What it is... ... and what it is NOT (complementarity with other programmes)

<p>Civil Dealing with technology oriented & socio-economic issues</p>	<p>Defence oriented Only technology oriented</p>
<p>Referring to security (terrorism, crime, but also industry accidents and natural disasters)</p>	<p>Dealing with safety issues</p>
<p>Incident related (before / while / after, and trying to prevent, protect, prepare, respond, recover)</p>	<p>Looking at general considerations of the development of society, policy, environment, climate etc. that might eventually lead to security incidents</p>
<p>Supporting security policies; targeting at 4 political missions & 3 cross cutting domains</p>	<p>Inviting research beyond these domains and/or not referring to WP topics (except in case of urgent political need)</p>
<p>Developing applied technologies / systems / solutions, always involving the end user!</p>	<p>Doing basic research and purely upstream technology development</p>