

FP7 – ICT Theme

a motor for growth, competitiveness and social
inclusion

Dr. Stephan Pascall
Advisor to the Director
Directorate C "Lisbon Strategy and Policies for the Information
Society"

DG Information Society and Media
European Commission

Sarajevo, 23 April 2009



Outline

- General overview FP7-ICT
- Where do we stand?
- Positioning of the Programme
- Calls overview

Sarajevo, 23 April 2009



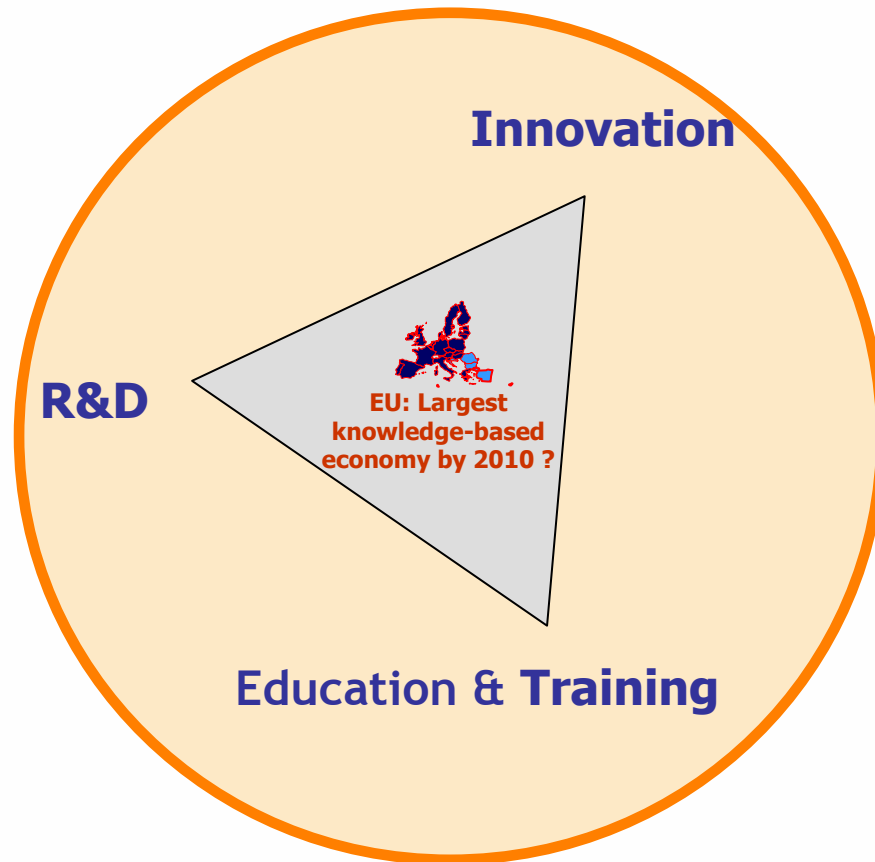
European Commission
Information Society and Media

Lisbon Strategy

- Making EU “the most dynamic and competitive knowledge-based economy in the world capable of sustainable economic growth with more and better jobs and greater social cohesion, and respect for the environment by 2010”

(European Council, March 2000, Lisbon)

How can Europe achieve its Lisbon goals?



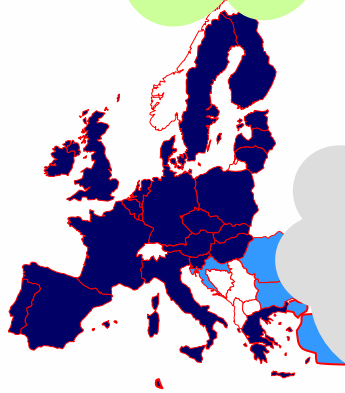
- 1. By building on its strengths**
- 2. Public & private sectors investing in knowledge**
- 3. By drawing efforts together**
 - Creating synergies across Europe
 - Avoiding fragmentation & duplication of effort

Sarajevo, 23 April 2009



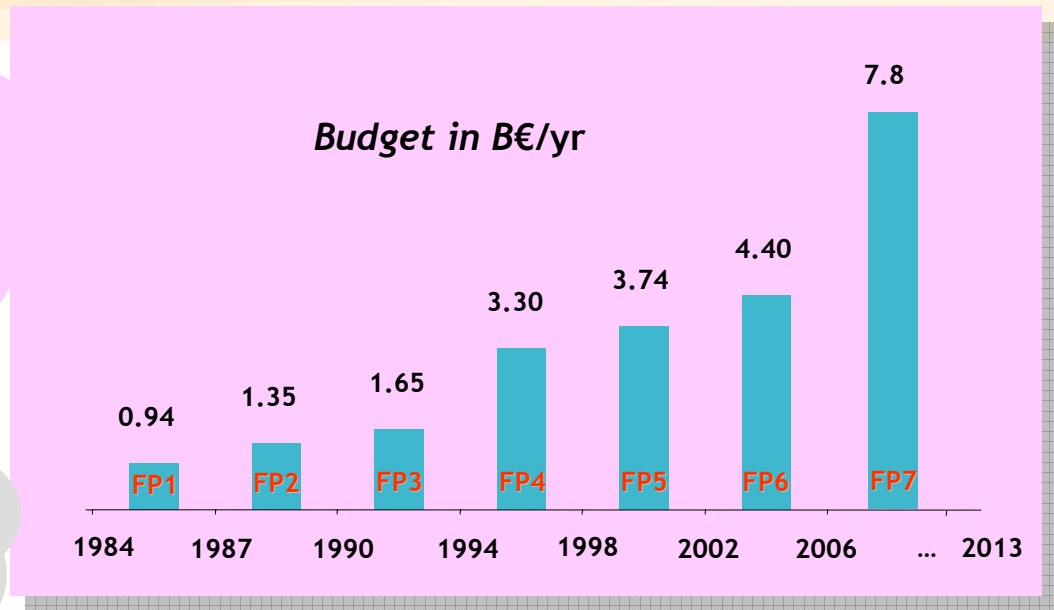
Building the European Research Area

National Programmes



Framework Programme
B€ 54.58

Inter-governmental Programmes
(Eureka, COST)

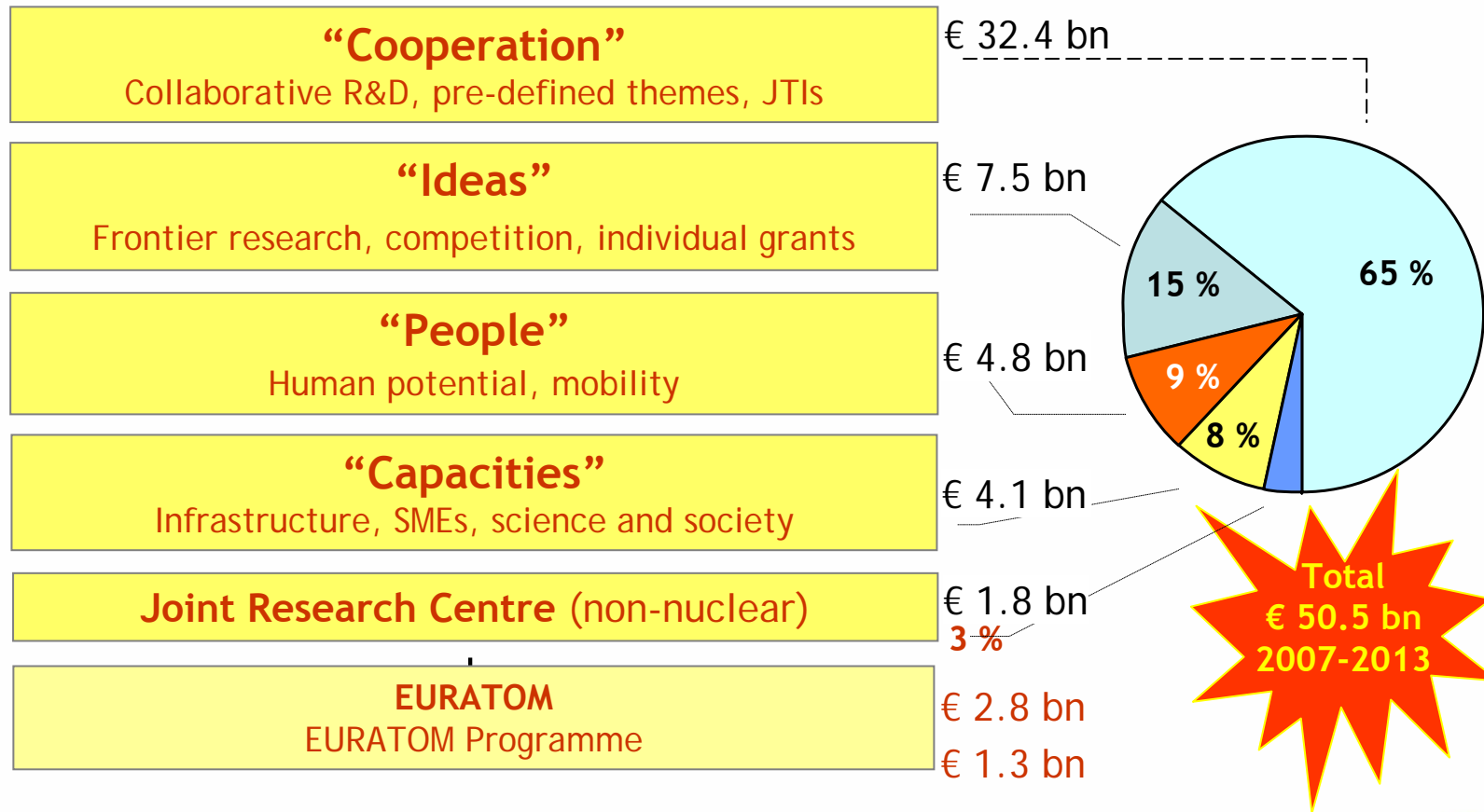


A “single market” for research

- An area for the free movement of knowledge, researchers & technology
- Aiming to increase cooperation, aggregate fragmented efforts, achieve better allocation of resources

Sarajevo, 23 April 2009

FP7 Specific Programmes

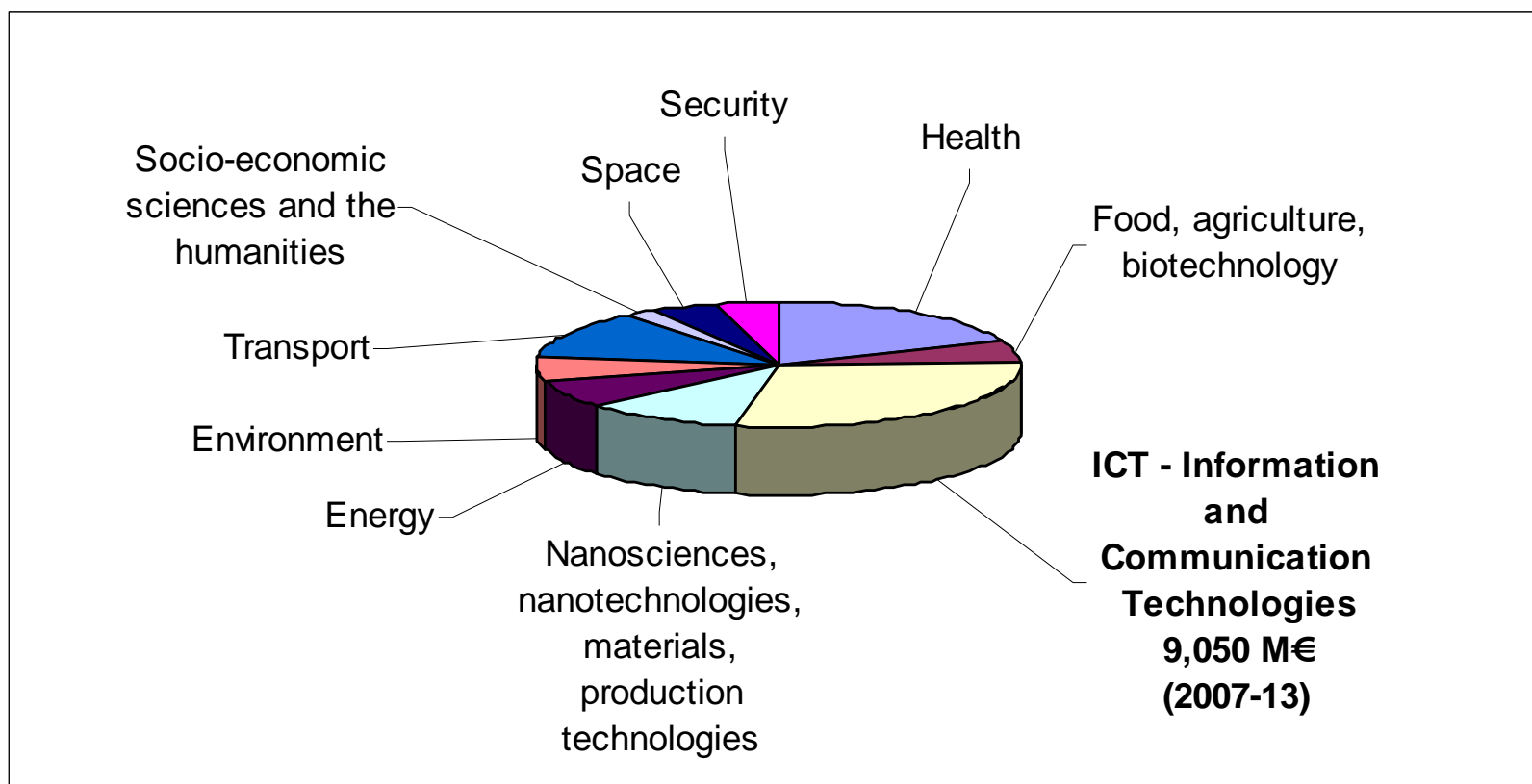


•Proposal for increased SME funding (75%)

Sarajevo, 23 April 2009



FP7 Cooperation Programme



Sarajevo, 23 April 2009

Total 32,413 B€



ICT – Key for growth and jobs creation

- ICT – a key enabler for productivity **growth & competitiveness**
 - Half of productivity gains in our economies are due to ICT
 - ICT impacts business efficiency across the economy
 - ICT underpins innovations in all major products and services
- ICT – an important sector in its own right
 - From 4% of EU GDP in early 90s to close to 8% today
- ICT – underpins **progress in all science & technology** fields
 - Computation and simulation, data handling, sensing, control, collaboration, etc..
 - e.g. GÉANT, the world-leading research network,

ICT helps address key societal challenges

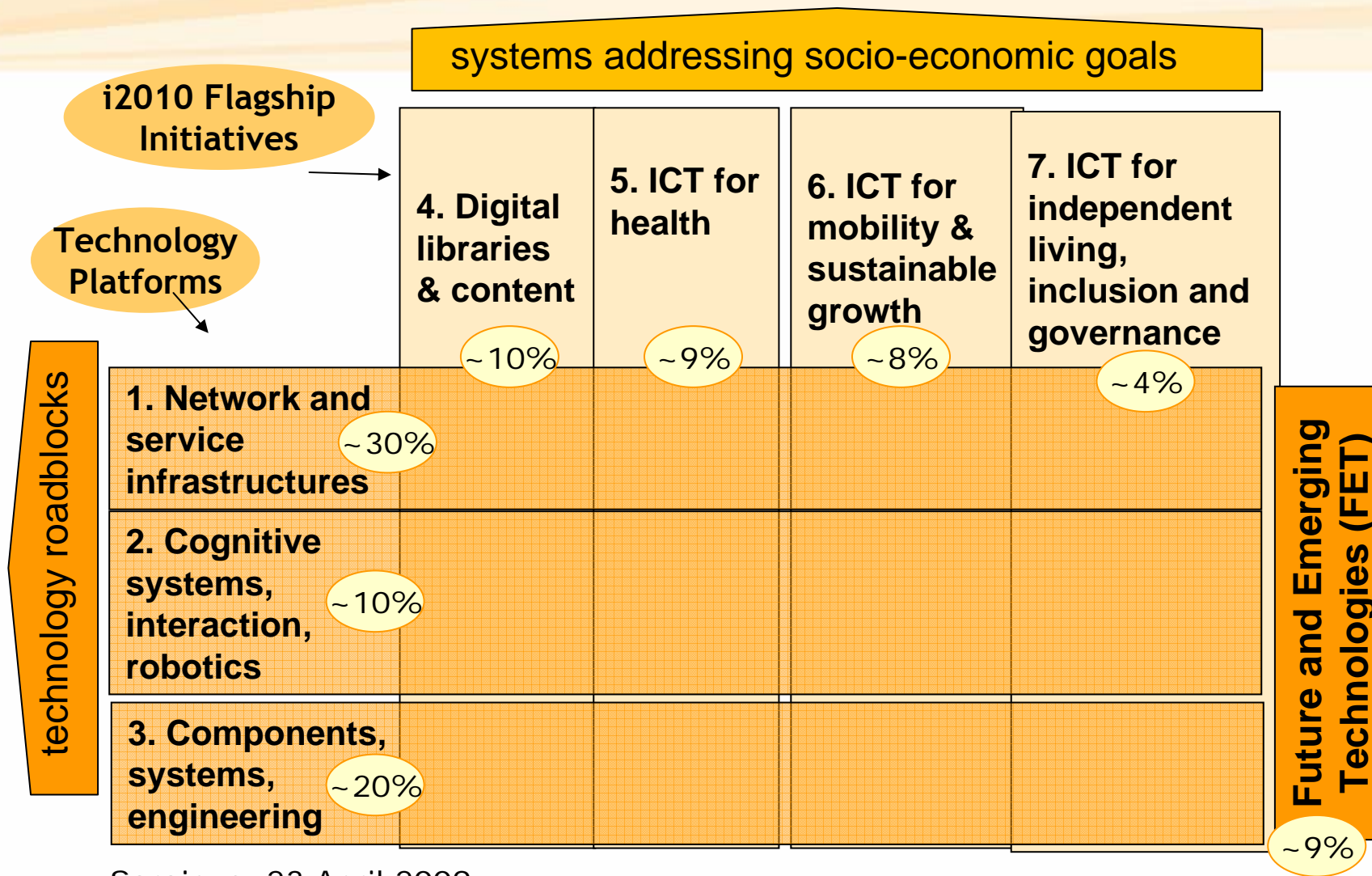
- ICT – providing tools for addressing key societal challenges
 - ageing population, inclusion, healthcare
 - Education, learning and preserving Cultural diversity
 - Safety, environment and risk management
- ICT – a facilitator for more efficient public services
 - Helps modernise administrations and public services
 - allows more participation in democracy and public life

Sarajevo, 23 April 2009



European Commission
Information Society and Media

ICT in FP7: 7 Challenges + FET



Sarajevo, 23 April 2009

Budget share



Where do we stand?

- Behind us:
 - Three main Calls for proposals in 2007-08
 - 2.1 B€ of EU funding,
 - Around 500 projects launched or to be launched (out of ~3000 proposals received)
 - Launch of the first Calls of two Joint Technology Initiatives (JTI) and Ambient Assisted Living Joint Programme (AAL) [95 M€ EU + 140 M€ MS funding]
- Call4 based on WP09-10 closed on 1 Apr 2009; 801 M€
 - Evaluation in May
- Ahead of us
 - Continue WP 2009-10, for 1.1 B€ funding
 - + Joint Technology Initiatives >680 M€ funding
 - + Ambient Assisted Living around 100 M€ funding

Sarajevo, 23 April 2009

Positioning of the Programme

- Projects launched in 2009-10 to have impact in 2015-20
- By then, global ICT/knowledge infrastructure – related technologies – market structures – value chains – business models: all will have significantly changed

Research challenges should:

- Encourage firms to explore more innovative options than they would otherwise pursue
- Focus on higher-risk ICT collaborative research in a medium to long-term agenda

Sarajevo, 23 April 2009



Call 5: Open 31 Jul 2009, Close **3 Nov 2009**; 722 M€

Challenge	Objectives
Challenge 1: Pervasive and Trusted Network and Service Infrastructures	ICT 2009.1.1 The Network of the Future (call 5) ICT 2009.1.2 Internet of Services, Software & virtualisation ICT 2009.1.3 Internet of Things and enterprise environments ICT 2009.1.4 Trustworthy ICT ICT 2009.1.6 Future Internet Experimental Facility and Experimentally-driven Research
Challenge 3: Components, systems, engineering	ICT 2009.3.1 Nanoelectronics Technology ICT 2009.3.5 Engineering of Networked Monitoring and Control Systems ICT 2009.3.7 Photonics ICT 2009.3.9 Microsystems and Smart Miniaturised Systems
Challenge 4: Digital Libraries and Content	ICT 2009.4.2 Technology-Enhanced Learning ICT 2009.4.3 Intelligent information management
Future and emerging technologies	ICT 2009.8.4,5,6,9,10 FET-Proactive
Horizontal support actions	ICT 2009.9.2 Supplements to support International Cooperation, ongoing projects

Sarajevo, 23 April 2009



Call 6: Open 24 Nov 2009, Close **13 April 2010**; 286 M€

Challenge	Objectives
Challenge 2: Cognitive systems, interaction, robotics	ICT 2009.2.1 Cognitive Systems and Robotics
Challenge 4: Digital Libraries and Content	ICT 2009.4.1 Digital Libraries and Digital Preservation
Challenge 5: Towards sustainable and personalised healthcare	ICT 2009.5.3 Virtual Physiological Human
Challenge 6: ICT for mobility, environmental sustainability and energy efficiency	ICT 2009.6.2 ICT for Mobility of the Future
Future and emerging technologies	ICT 2009.8.7,8,9,10 FET-Proactive
Horizontal support actions	ICT 2009.9.1 International Cooperation ICT 2009.9.2 Supplements to support International Cooperation between ongoing projects

Sarajevo, 23 April 2009



Thank you!

European research on the web:

<http://cordis.europa.eu>

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

<http://ec.europa.eu/comm/research/future/>

Information Society and Media:

http://ec.europa.eu/information_society/

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

Contact:

Stephan.pascall@ec.europa.eu

Sarajevo, 23 April 2009



European Commission
Information Society and Media