

TEMA 3

ICT

WP 2011-2012

1. Saúde	2. KBBE	3. ICT	4. NMP	5. Energy	6. Environment	7. Transportes	8. SSH	9. Space	10. Security	DATA LIMITE
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d) Innovative services for patients and health professionals developed and validated against public sector needs through a joint Pre-Commercial Procurement.	X									
5.4 ICT for Ageing and Wellbeing										18/1/2011
a) Service and social robotics systems for "Ageing Well":	X									
b) Smart and self-adaptive environments prolonging independent living	X									
c) Coordination frameworks	X									
d) Services for elderly people developed and validated against public sector needs through a joint Pre-Commercial Procurement	X									
5.5 ICT for smart and personalised inclusion										18/1/2011
a) ICT tools, infrastructures and devices for mainstream accessibility in daily life	X									
b) Intelligent and social computing for social interaction, user empowerment and learning or skills acquisition for people at risk of exclusion	X									
c) Brain-Neural Computer Interfaces	X									
d) Coordination and Support Actions										
5.6 ICT Solutions for governance and policy modelling										18/1/2011
a) ICT solutions for governance and policy modelling							X			
b) Coordination and Support actions							X			
CHALLENGE 6: ICT FOR A LOW CARBON ECONOMY										
6.1 Smart energy grids										17/1/2012
a) Strengthening the distribution grid				X						
b) Advancing security and reliability				X						
c) Data management infrastructures				X						
d) Home energy controlling hubs				X						
e) Building consensus on industry-driven open standards										
6.2 ICT systems for Energy Efficiency										18/1/2011
a) Tools to optimize energy performance for planning, systems				X	X					
b) To support the "Green Digital Charter" based on the Commission Recommendation on "mobilising ICT to facilitate the transition to an energy-efficient, low-carbon economy"				X	X					
6.3 ICT for efficient water resources management				X	X					17/1/2012
6.4 PPP EEB: ICT for energy-efficient buildings and spaces of public use										17/1/2012
a) Building Energy Management Systems			X	X	X					
b) Coordination and Support Actions			X	X	X					
6.5: PPP EEB: ICT for energy-positive neighbourhoods										2/12/10
a) Developing management and control systems, and decision-support systems addressing the dynamics of energy supply and demand in neighbourhoods and extended urban/rural communities.			X	X	X					

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8.1 Technology-Enhanced Learning										17/01/2012
a) Technology Enhanced Learning systems endowed with the capabilities of human tutors.							X			
b) Educational technologies for science, technology and maths							X			
c) Advanced solutions for fast and flexible deployment of learning opportunities at the workplace (targeting, in particular, SMEs):							X			
d) Computational tools fostering creativity in learning processes							X			
e) Exploratory activities										
8.2 ICT for access to cultural resources										17/4/2012
a) Technologies for creating personalised and engaging digital cultural experiences							X			
b) Open and extendable platforms for building services that support use of cultural resources for research and education							X			
c) Improved and affordable technologies for the digitisation of specialised forms of cultural resources, including tools for virtual reconstructions							X			
d) Awareness raising of research results							X			
9. FUTURE AND EMERGING TECHNOLOGIES										
9.0: FET-Open: Challenging current thinking										
9.1 Challenging current Thinking				X						Cont. to 31/12/12
9.2 High-Tech Research Intensive SMEs in FET research										Cont. to 31/12/12
9.3 FET Young Explorers										Cont. to 31/12/12
9.4 International cooperation on FET research										Cont. to 31/12/12
9.5: FET proactive 5: FET Flagship Initiative Preparatory Actions										2/12/2010
9.6: FET Proactive 6: Unconventional Computation (UCOMP)										17/1/2012
9.7: FET proactive 7: Dynamics of Multi-Level Complex Systems										17/1/2012
9.8: FET proactive 8: Minimising Energy Consumption of Computing to the Limit (MINECC)										17/1/2012
9.9: FET proactive 9: Quantum ICT (QICT) including ERA-NET-Plus										17/4/2012
9.10: FET Proactive: Fundamentals of Collective Adaptive Systems (FOCAS)										17/4/2012
9.11 FET Proactive: Neuro-Bio-Inspired Systems (NBIS)										17/4/2012
9.12 Coordinating Communities, Identifying new research topics for FET Proactive initiatives and Fostering Networking of National and Regional Research Programmes										17/4/2012
9.13 Exa-scale computing, software and simulation										18/1/2011
9.14 Joint Call ICT-SSH on 'Science of Global Systems'										17/1/2012
10. International Cooperation										18/1/2011
10.1 EU-Brazil Research and Development Cooperation										
a) Microelectronics/Microsystems				X						

