

TEMA 5

ENERGIA

WP 2011

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ACTIVITY ENERGY.1: HYDROGEN AND FUEL CELLS (FCH-JU, Call 2009)										
APPLICATION AREA SP1-JTI-FCH.1: Transportation & Refuelling Infrastructure										
						X	X			13Out10
			X			X				13Out10
			X							13Out10
			X							13Out10
						X				13Out10
APPLICATION AREA SP1-JTI-FCH.2: Hydrogen Production & Distribution										
										13Out10
										13Out10
			X							13Out10
	X									13Out10
										13Out10
										13Out10
APPLICATION AREA SP1-JTI-FCH.3: Stationary Power Generation & CHP										
			X							13Out10
										13Out10
					X					13Out10
										13Out10
										13Out10
										13Out10
APPLICATION AREA SP1-JTI-FCH.4: Early Markets										
						X				13Out10
										13Out10
										13Out10
			X							13Out10
			X							13Out10
										13Out10
APPLICATION AREA SP1-JTI-FCH.5: CROSS - CUTTING ISSUES										
										13Out10
										13Out10

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ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION										
AREA ENERGY.2.1: PHOTOVOLTAICS										
Topic Energy.2011.2.1-1: Ultra-high efficiency concentration photovoltaics (CPV) and ultra-high efficiency solar cells and, modules and systems / EU-Japan Coordinated Call			X							25Nov10
Topic Energy.2011.2.1-2: Development and up-scaling of innovative photovoltaic cell processes and architectures to pilot-line scale for industrial application, call jointly implemented with NMP			X		X			X		25Nov10
Topic Energy.2011.2.1-3: Productivity and cost optimization issues for the manufacturing of photovoltaic systems based on concentration			X							7Abr11
Topic Energy.2011.2.1-4 Development and demonstration of standardized building components			X							7Abr11
AREA ENERGY.2.3: WIND										
Topic Energy.2011.2.3-1: Demonstration of innovative off-shore wind electricity generation structure					X					7Abr11
Topic Energy.2011.2.3-2: Development of design tools for Offshore Wind farm clusters										16Nov10
AREA ENERGY.2.5: CONCENTRATED SOLAR POWER										
Topic Energy.2011.2.5-1: Thermal energy storage for CSP plants			X		X					16Nov10
Topic Energy.2011.2.5-2: Advanced heat transfer fluids for CSP technology			X		X					16Nov10
ACTIVITY ENERGY.3: RENEWABLE FUEL PRODUCTION										
AREA ENERGY.3.7: CROSS-CUTTING ISSUES										
Topic Energy.2011.3.7-1: Development of new or improved standardised sustainable bio-energy carriers	X		X				X			16Nov10
ACTIVITY ENERGY.4: RENEWABLES FOR HEATING AND COOLING										
AREA ENERGY.4.1: BIOMASS										
Topic Energy.2011.4.1-1: Revisiting solar-thermal systems for using breakthroughs in scientific and technological fields		X	X							16Nov10
Topic Energy.2011.4.1-2: Low/Medium temperature solar thermal systems for industrial process heat			X							7Abr11
Topic Energy.2011.4.1-3: Materials for thermal storage systems			X							7Abr11
Topic Energy.2011.4.1-4: Advanced compact storage systems			X							7Abr11
ACTIVITY ENERGY.5: CO2 CAPTURE AND STORAGE TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION										
AREA ENERGY.5.1: CO2 CAPTURE										
Topic ENERGY.2011.5.1-1: High-efficiency post-combustion solvent-based capture processes					X					16Nov10
AREA ENERGY.5.2: CO2 STORAGE										
Topic Energy.2011.5.2-1: Understanding the long-term fate of geologically stored CO2					X					16Nov10
ACTIVITY ENERGY.6: CLEAN COAL TECHNOLOGIES										
AREA ENERGY.6.1: CONVERSION TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION										
Topic ENERGY.2011.6.1-1: Optimisation of IGCC technologies for use with high ash content coal										7Abr11
AREA ENERGY.5&6.2: CROSS CUTTING AND REGULATORY ISSUES										
Topic Energy.2011.5&6.2-1: Optimising the integration of CO2 capture into power plants			X							7Abr11
Topic Energy.2011.5&6.2-2: Improving efficiencies and reducing GHG emissions through CO2 capture in industrial applications other than power generation										7Abr11
Topic Energy.2011.5&6.2-3: Support to the European CCS Demonstration Project Network										7Abr11
ACTIVITY ENERGY.7: SMART ENERGY NETWORKS										
AREA ENERGY.7.2: PAN-EUROPEAN ENERGY NETWORKS										
Topic ENERGY.2011.7.2-1: Innovative tools for the future coordinated and stable operation of the pan-European electricity transmission system										16Nov10
Topic ENERGY.2011.7.2-2: Innovative strategies and tools for the reliability										16Nov10

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assessment of the pan-European electricity transmission network										
AREA ENERGY 7.3: CROSS CUTTING ISSUES AND TECHNOLOGIES										
Topic ENERGY.2011.7.3-1: Network of projects developing the future European electricity networks										16Nov10
Topic ENERGY.2011.7.3-2: Storage and balancing variable electricity supply and demand			X							7Abr11
ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS										
AREA 8.1: EFFICIENT ENERGY USE IN THE MANUFACTURING INDUSTRY AND BUILDING SECTOR										
Topic EeB.ENERGY.2011.8.1-1: Demonstration of very low energy new buildings			X	X		X				2Dez10
Topic ENERGY.2011.8.1-2: Energy efficiency demonstration in manufacturing industry						X				7Abr11
Topic ENERGY.2011.8.1-3: Energy efficiency in low-carbon industrial parks			X			X	X	X		7Abr11
ACTIVITY ENERGY.10: HORIZONTAL PROGRAMME ACTIONS										
AREA ENERGY.10.1 JOINT CALL "THE OCEAN OF TOMORROW" - JOINING RESEARCH FORCES TO MEET CHALLENGES IN OCEAN MANAGEMENT										
Topic OCEAN.2011-1: Multi-use offshore platforms		X				X	X			18Jan11
Topic OCEAN.2011-2: Marine microbial diversity – new insights into marine ecosystems functioning and its biotechnological potential		X				X	X			18Jan11
Topic OCEAN.2011-3: Assessing and predicting the combined effects of natural and human-made pressures in the Mediterranean and the Black Sea in view of their better governance		X				X	X			18Jan11
Topic OCEAN.2011-4: Knowledge-base and tools for regional networks of MPAs, integrated management of activities together with assessment of wind energy potential in the Mediterranean and the Black Sea		X				X	X			18Jan11
AREA ENERGY 10.2 OTHER HORIZONTAL ACTIONS										
Topic ENERGY.2011.10.2-1: Pilot International Researcher Exchange in the field of energy research (US and Japan)										16Nov10
Topic ENERGY.2011.10.2-2: Supporting the coordination of national research activities of Member States and Associated States in the field of GEOTHERMAL energy (ERA-NET)										
Topic ENERGY.2011.10.2-3: Supporting the coordination of national research activities of Member States and Associated States in the field of OCEAN energy (ERA-NET)										