

TEMA 5

ENERGIA

WP 2013

1. Saúde	2. KBBE	3. ICT	4. NMP	5. Energia	6. Ambiente	7. Transportes	8. SSH	9. Espaço	10. Segurança	11. PME	Data Limite
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ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION											
AREA ENERGY.2.1: PHOTOVOLTAICS											
Topic ENERGY.2013.2.1.1: High efficiency c-Si photovoltaics modules											
			x	X							28Nov2012
Topic ENERGY.2013.2.1.2: Support to key activities of the European Photovoltaics Technology Platform (TP PV)											
				x							8Jan2013
AREA ENERGY.2.3: WIND											
Topic ENERGY.2013.2.3.1: Advanced aerodynamic modelling, design and testing for large rotor blades											
			x	x							28Nov2012
Topic ENERGY.2013.2.3.2: Small to medium size wind turbines											
			x	x		x				x	28Nov2012
AREA ENERGY.2.4: GEOTHERMAL											
Topic ENERGY.2013.2.4.1: Exploration and assessment of geothermal reservoirs											
		x		x	x						28Nov2012
AREA ENERGY.2.6: OCEAN											
Topic ENERGY.2013.2.6.1: Design tools, enabling technologies and underpinning research to facilitate ocean energy converter arrays											
		x		x							28Nov2012
AREA ENERGY.2.7: HYDRO											
Topic ENERGY.2013.2.7.1: Optimisation of water turbines for integration of renewables into the grid											
				x							28Nov2012
AREA ENERGY.2.9: CROSS-CUTTING ISSUES											
Topic ENERGY.2013.2.9.1: Research cooperation and knowledge creation in the area of renewable energy with Mediterranean partner countries											
				x							28Nov2012
Topic ENERGY.2013.2.9.2: Methods for the estimation of the Direct Normal Irradiation (DNI)											
		x		x	x	x		X			28Nov2012
ACTIVITY ENERGY.3: RENEWABLE FUEL PRODUCTION											
AREA ENERGY.3.2: SECOND GENERATION FUEL FROM BIOMASS											
Topic ENERGY.2013.3.2.1: Pre-commercial industrial scale demonstration plant on paraffinic biofuels for use in aviation											
	x			x		X					24Jan2013
AREA ENERGY.3.7: CROSS-CUTTING ISSUES											
Topic ENERGY.2013.3.7.1: Support to the sustainable delivery of non-food biomass feedstock at local, regional and pan-European level											
	x			x							28Nov2012
Topic ENERGY.2013.3.7.2: Support to key activities of the European Biofuels Technology Platform (EBTP)											
				x							8Jan2013
ACTIVITY ENERGY.4: RENEWABLES FOR HEATING AND COOLING											
AREA ENERGY.4.1: LOW/MEDIUM TEMPERATURE SOLAR THERMAL ENERGY											
Topic ENERGY.2013.4.1.1: Research and development of innovative solar thermal facades											
			x	x						x	28Nov2012
ACTIVITY ENERGY.5: CO2 CAPTURE AND STORAGE TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION											
AREA ENERGY.5.1: CO2 CAPTURE											
Topic ENERGY.2013.5.1.1: Scale-up of advanced high-efficiency capture processes											
			x	x	x					x	28Nov2012
Topic ENERGY.2013.5.1.2: New generation high-efficiency capture processes											
		x	x	x	x					x	28Nov2012
AREA ENERGY.5.1: CO2 STORAGE											
Topic ENERGY.2013.5.2.1: Mitigation and remediation of leakage from geological storage											
				x	x						28Nov2012
ACTIVITY ENERGY.6: CLEAN COAL TECHNOLOGIES											
AREA ENERGY.6.1 Conversion Technologies for Zero Emission Power Generation											
Topic ENERGY.2013.6.1.1: Combined Underground Coal Gasification and CO2 Capture and Storage											
				x	x						28Nov2012
ACTIVITY ENERGY.7: SMART ENERGY NETWORKS											
AREA ENERGY.7.1: DEVELOPMENT OF INTER-ACTIVE DISTRIBUTION ENERGY NETWORKS											
Topic ENERGY.2013.7.1.1: Development and validation of methods and tools for network integration of distributed renewable resources											
		x		x							4Dez2012
AREA ENERGY.7.2: PAN-EUROPEAN ENERGY NETWORKS											
Topic ENERGY.2013.7.2.1: Advanced concepts for reliability assessment of the pan-European transmission network											
		x		x							28Nov2012
Topic ENERGY.2013.7.2.2: Advanced tools and mechanisms for capacity calculation and congestion management											
		x		x							28Nov2012
Topic ENERGY.2013.7.2.3: Large-scale demonstration of innovative transmission system integration and operation solutions for (inter)connecting renewable electricity production											
		x		x	x						24Jan2013
Topic ENERGY.2013.7.2.4: Ensuring stakeholder support for future grid Infrastructures											
			x	x	x		x				28Nov2012

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AREA ENERGY 7.3: CROSS CUTTING ISSUES AND TECHNOLOGIES											
Topic ENERGY.2013.7.3.1: Planning rules for linking electric vehicles (EV) to distributed energy resources			X	X	X	X	X				4Dez2012
Topic ENERGY.2013.7.3.2: Enhanced interoperability and conformance testing methods and tools for interaction between grid infrastructure and electric vehicles			X	X	X	X	X				4Dez2012
Topic ENERGY.2013.7.3.3: Understanding interfaces in rechargeable batteries and super-capacitors through in situ methods			X	X	X						28Nov2012
ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS											
AREA ENERGY.8.8: SMART CITIES AND COMMUNITIES											
Topic ENERGY.2013.8.8.1: Demonstration of optimised energy systems for high performance-energy districts			X	X	X	X					4Dez2012
ACTIVITY ENERGY.9: KNOWLEDGE FOR ENERGY POLICY MAKING											
AREA ENERGY.9.2: SCIENTIFIC AND SOCIO-ECONOMIC SUPPORT POLICY											
Topic ENERGY.2013.9.2.1: European scientific multidisciplinary "think-tank" to support energy policy and to assess the potential impacts of its measures					X	X	X				24Jan2013
ACTIVITY ENERGY.10: HORIZONTAL PROGRAMME ACTIONS											
AREA ENERGY.10.1: INTEGRATION OF THE EUROPEAN ENERGY RESEARCH											
Topic ENERGY.2013.10.1.1: ERA-NET Plus – Bioenergy: Demonstrations of the European Industrial Bioenergy Initiative		X			X						28Fev2013
Topic ENERGY.2013.10.1.2: ERA-NET Plus – European wind resources assessment			X		X	X		X			28Fev2013
Topic ENERGY.2013.10.1.3: Supporting the coordination of national research activities of Member States and Associated States in the field of OCEAN energy (ERA-NET)					X						28Fev2013
Topic ENERGY.2013.10.1.4: Mobilising the research, innovation and educational capacities of Europe's universities					X						8Jan2013
Topic ENERGY.2013.10.1.5: Integrated research programme in the field of photovoltaics				X	X						8Jan2013
Topic ENERGY.2013.10.1.6: Integrated research programme in the field of wind energy				X	X						8Jan2013
Topic ENERGY.2013.10.1.7: Integrated research programme in the field of bioenergy		X			X						8Jan2013
Topic ENERGY.2013.10.1.8: Integrated research programme on smart grids			X	X	X						8Jan2013
Topic ENERGY.2013.10.1.9: Integrated research programme on electrochemical storage				X	X						8Jan2013
Topic ENERGY.2013.10.1.10: Integrated Research Programme in the field of Concentrated Solar Power (CSP)			X	X	X						8Jan2013
OCEAN 2013.4 Innovative transport and deployment systems for the offshore wind energy sector					X		X				7Fev2013