

Erasmus Mundus Action 2 – Strand 1/ Lot L09

PROJECT SUMMARY SHEET

Project title		SMART ² : SmartCities & SmartGrids for Sustainable Development	
Ref	552042	Name of organisation	Country
Applicant		ECOLE SUPERIEURE D'ELECTRICITE	France
Co-coordinator		UNIVERSIDADE FEDERAL DE ITAJUBA, BRAZIL	
<p><u>Partners:</u></p> <p><u>AALTO-KORKEAKOULUSAATIO, SUOMI / FINLAND</u></p> <p><u>CESKE VYSOKE UCENI TECHNICKE V PRAZE, CZECH REPUBLIC</u></p> <p><u>FUNDAÇÃO UNIVERSIDADE DE BRASÍLIA, BRAZIL</u></p> <p><u>INSTITUTO SUPERIOR TECNICO, PORTUGAL</u></p> <p><u>POLITECNICO DI MILANO, ITALIA</u></p> <p><u>TECHNISCHE UNIVERSITAET MUENCHEN, DEUTSCHLAND</u></p> <p><u>TECHNISCHE UNIVERSITAET WIEN, ÖSTERREICH</u></p> <p><u>TECHNISCHE UNIVERSITEIT DELFT, NEDERLAND</u></p> <p><u>UNIVERSIDAD POLITECNICA DE MADRID, ESPAÑA</u></p> <p><u>UNIVERSIDADE DE SAO PAULO, BRAZIL</u></p> <p><u>UNIVERSIDADE FEDERAL DE CAMPINA GRANDE, BRAZIL</u></p> <p><u>UNIVERSIDADE FEDERAL DO CEARÁ, BRAZIL</u></p> <p><u>UNIVERSIDADE FEDERAL DO PARÁ, BRAZIL</u></p> <p><u>UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, BRAZIL</u></p> <p><u>UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, BRAZIL</u></p> <p><u>UNIVERSITE LIBRE DE BRUXELLES, BELGIUM</u></p> <p><u>Associate partners:</u></p> <p><u>ECOLE CENTRALE DE LILLE, FRANCE</u></p> <p><u>RINCENT BTP SERVICES SAS, FRANCE</u></p> <p><u>T.I.M.E. ASSOCIATION, France</u></p>			
Amount requested (EUR)		€ 2.791.000	
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	<p>Brief description:</p> <p>The SMART ² (Smartcities and Smartgrids for Sustainable Development) project matches all partners Internationalization Policy that attempts to improve the quality of the students' educational level, offering to its undergraduate, post-graduate students and academic staff several opportunities to participate in international research networks, diversifying knowledge approaches, approaching scientific cooperation and multicultural experience, allowing the higher education field to be part of the international reciprocity. Exchange activities are considered by all partners, even more on the Brazilian side, a very important issue in the actual international cooperation sphere, contributing to the knowledge and technology transfer in engineering and all related fields, and promoting the competitiveness, visibility and reputation of the institutions in the international scenario. The proposal also allows the amplification and democratization of the students' mobility, since it assures resources that will grant opportunities for the participation in international academic education to more students who would be otherwise excluded. The project supports as well the consolidation and intensification of the teaching staff exchanges in research activities in which all the partners have already expertise, developing new shared scientific practices. Brazilian partners of the consortium are also focalized in assisting the decrease of the regional and national needs, in terms for example of reduction of poverty and violence.</p>	

Mobility flow:

Type of Mobility	Outgoing		Third Country	Incoming			Total	Distribution per mobility type
	Europeans			Third country nationals				
	Target Group 1	Target Group 2		Target Group 1	Target Group 2	Target Group 3		
Undergraduates	-	-	<i>Brazil (BR)</i>	61	-	-	61	42.36%
Masters	-	-	<i>Brazil (BR)</i>	-	-	-	-	0.00%
Doctorates	-	-	<i>Brazil (BR)</i>	38	20	-	58	40.28%
Post-doctorates	-	-	<i>Brazil (BR)</i>	2	3	-	5	3.47%
Staff	-	-	<i>Brazil (BR)</i>	12	8	-	20	13.89%
TOTAL				113	31	-	144	

Third country	Undergraduates	Masters	Doctorates	Post-doctorates	Staff	TOTAL
Brazil	61	-	58	5	20	144
TOTAL	61	-	58	5	20	144