

MED

(2014 - 2020)



Application Form

AF_2_Modulaire

Priority axis-Investment Priority-Specific Objective 1-1-1

Priority Axis 1: Promoting Mediterranean innovation capacities to develop smart and sustainable growth

PI 1.b

1.1 To increase transnational activity of innovative clusters and networks of key sectors of the MED area

ESMARTCITY

Enabling Smarter City in the MED Area through Networking

Submitted version

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- I - PART A - Project summary

1. A.1 Project identification

Acronym		ESMARTCITY	
Project title		Enabling Smarter City in the MED Area through Networking	
Name of the Lead Partner organisation		Abruzzo Region	
Project Nb		3130	
Duration of the project	Starting date	2018-02-01	Number of months
	Ending date	2020-07-31	30
Programme priority axis		Priority Axis 1: Promoting Mediterranean innovation capacities to develop smart and sustainable growth	
Programme specific objective		1.1 To increase transnational activity of innovative clusters and networks of key sectors of the MED area	
Call for projects		3rd call	
Type of project		Testing	
Internal ref number		3MED17_1.1_M2_022	

2. A.2. Project short description

To pursue the Smart Sustainable Green Growth is a way to recognize that citizen welfare lies on economic growth and sustainability of urban areas.

The project has its primary objective in improving the innovation capacity of MED cities by creating innovation ecosystems, which involve actors of the quadruple helix (Citizens, Businesses Operators, Research, Universities and Public Authorities) , and in applying the Smart City concept, which utilizes digital and energy saving technologies to allow better services for the citizen with less impact on the environment, producing furthermore new employability and living scenarios.

To achieve this goal, the project envisages the pilot testing of the Smart City concept to provide specific services to citizens in the field of intelligent urban districts, energy efficiency of buildings and smarter public lighting.

The pillars on which the project lies are; (i) enhancement of existing innovative clusters and reinforcement of international networking of different relevant quadruple helix actors; (ii) mobilization of cities to change the way they operate and transact with the citizen by incorporating technology to their services; (iii) proactive involvement of local communities (Citizens and local Public Authorities) in creating innovation ecosystems.

A networking approach will be used to transfer the project results (in the form of Innovation Policy Change Recommendations) to Public Authorities in the MED area.

3. A.3. Project budget summary

Programme co-financing			CONTRIBUTION					TOTAL ELIGIBLE BUDGET
Co-financing source	Amount	Co-financing rate	Public contribution			Private contribution	Total contribution	
			Own public contribution	Other public contribution	Total public contribution			
ERDF	1,992,400.00 €	85.00 %	56,700.00 €	225,000.00 €	281,700.00 €	69,900.00 €	351,600.00 €	2,344,000.00 €
IPA Funding	132,600.00 €	85.00 %	23,400.00 €	0.00 €	23,400.00 €	0.00 €	23,400.00 €	156,000.00 €
Total EU funds	2,125,000.00 €	85.00 %	80,100.00 €	225,000.00 €	305,100.00 €	69,900.00 €	375,000.00 €	2,500,000.00 €
Total	2,125,000.00 €	85.00 %	80,100.00 €	225,000.00 €	305,100.00 €	69,900.00 €	375,000.00 €	2,500,000.00 €

4. A.4. Project partners overview

Partner number	Name of the partner	Abbreviation of the organisation	Country/NUTS2	Eligibility zone	Fund	Partner total eligible budget	Responsibilities	Partner status
LP1	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	ABREG	ITALY / Abruzzo	MED Partner	ERDF	390,000.00 €	Project Preparatory Activities Set up project management structure Technical and Financial Project Coordination and Management Project Monitoring and Evaluation Internal Communication Strategy Transfer of Policy Recommendations	Active
PP1	Athena Research and Innovation Center	Athena	GREECE / Αττική (Attiki)	MED Partner	ERDF	330,000.00 €	Coordinating Project Communication Communication and Media Strategy Creation of Content Coordination with the Interreg MED Programme communication strategy Diffusion of information beyond Programme area	Active
PP2	Energy Agency of Granada	APEGR	SPAIN / Andalucía	MED Partner	ERDF	178,000.00 €	Press and Traditional Media Appearances	Active
PP3	City Development Agency East Sarajevo	RAIS	BOSNIA AND HERZEGOVINA / BOSNIA AND HERZEGOVINA	MED Partner	IPA Funding	156,000.00 €	Capacity Building interventions	Active

PP4	Energy and Environment Agency of Arrábida	ENA	PORTUGAL / Área Metropolitana de Lisboa	MED Partner	ERDF	162,000.00 €	Assessment of Pilot projects results	Active
PP5	REGION OF WESTERN GREECE	RWG	GREECE / Δυτική Ελλάδα (Dytikí Elláda)	MED Partner	ERDF	235,000.00 €	Printed Material	Active
PP6	Metropolitan City of Milan	MCM	ITALY / Lombardia	MED Partner	ERDF	300,000.00 €	External Communication Activities	Active
PP7	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	POLIMI	ITALY / Lombardia	MED Partner	ERDF	245,000.00 €	Testing Coordination Testing Preparatory Activities	Active
PP8	Capenergies	Capenergies	FRANCE / Provence-Alpes-Côte d'Azur	MED Partner	ERDF	304,000.00 €	Content Campaign Synergies with the Green Growth Community Smart City Networked Community Coordination of Transfer Activities HP, Cluster and Network Transfer Activities	Active
PP9	National Institute of Applied Science	INSA Lyon	FRANCE / Rhône-Alpes	MED Partner	ERDF	200,000.00 €	Pilot Testing	Active

5. A.5a MED Thematic Community

	MED Thematic Community
1	GREEN GROWTH 1.1

6. A.5.b Project statistic information

	KEEP	Kind of innovation	Kind of area
Type of synergies	Clustering and economic cooperation Energy efficiency Urban development	Product Process	Urban areas

- II - PART B - Project partners

1. B.1. Project partners

Partner number	Profile	Status
LP1	Chef de file	Active
Identification number of the organisation		1696
Name of the partner		Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)
Abbreviation of the organisation		ABREG
Main adress		Palazzo I. Silone Via 67100 L'Aquila
Service		Department of Energy Policy, Air Quality and National Environmental Information System (SINA)
Adress of the service		Via Passolanciano n.75 65124 Pescara
NUTS3		Pescara
NUTS2		Abruzzo
Country		ITALY
Eligibility zone		MED Partner
Outside of the programme area		No
Category		Regional Public authority
Type of administrative code		Fiscal code
National identifying number		80003170661
Is your organisation entitled to recover VAT?	No	
Legal status		Public
Role of the partner in the project		
2007–2013 programming period participation		Yes
Total staff of the partner structure		

Partner number	Profile	Status
PP1	Partenaire	Active
Identification number of the organisation		2211
Name of the partner		Athena Research and Innovation Center
Abbreviation of the organisation		Athena
Main adress		Artemidos 6 & Epidavrou 15125 Paradeisos Amarousiou
Service		Industrial Systems Institute

Adress of the service		PSP Building, Stadiou Str 26504 Platani, Patras
NUTS3		Αχαΐα (Achaía)
NUTS2		Δυτική Ελλάδα (Dytikí Elláda)
Country		GREECE
Eligibility zone		MED Partner
Outside of the programme area		No
Category		Business support organisation
Type of administrative code		Tax Registration Number
National identifying number		EL999723442
Is your organisation entitled to recover VAT?	No	
Legal status		Public
Role of the partner in the project		
2007–2013 programming period participation		No
Total staff of the partner structure		

Partner number	Profile	Status
PP2	Partenaire	Active
Identification number of the organisation		3990
Name of the partner		Energy Agency of Granada
Abbreviation of the organisation		APEGR
Main adress		Edificio CIE 1ª Planta ,, Avd.a Andaluc í a s/n 18015 Granada
Service		Environment Delegation
Adress of the service		
NUTS3		Granada
NUTS2		Andalucía
Country		SPAIN
Eligibility zone		MED Partner
Outside of the programme area		No
Category		Sectoral agency
Type of administrative code		Tax Identification Number (TIN)
National identifying number		ESG18582148
Is your organisation entitled to recover VAT?	No	
Legal status		Public
Role of the partner in the project		

2007–2013 programming period participation	Yes
Total staff of the partner structure	

Partner number	Profile	Status
PP3	Partenaire	Active
Identification number of the organisation	2707	
Name of the partner	City Development Agency East Sarajevo	
Abbreviation of the organisation	RAIS	
Main adress	Stefana Nemanje 14 71123 East Sarajevo	
Service	Environment Delegation	
Adress of the service		
NUTS3	BOSNIA AND HERZEGOVINA	
NUTS2	BOSNIA AND HERZEGOVINA	
Country	BOSNIA AND HERZEGOVINA	
Eligibility zone	MED Partner	
Outside of the programme area	No	
Category	Local Public authority	
Type of administrative code	Administrative identification number	
National identifying number	4403064710003	
Is your organisation entitled to recover VAT?	Yes	
Legal status	Public	
Role of the partner in the project		
2007–2013 programming period participation	Yes	
Total staff of the partner structure		

Partner number	Profile	Status
PP4	Partenaire	Active
Identification number of the organisation	3687	
Name of the partner	Energy and Environment Agency of Arrábida	
Abbreviation of the organisation	ENA	
Main adress	Avenida Belo Horizonte, Edifício Escarpas Santos Nicolau 2910-422 Setúbal	
Service	Energy and Environment Agency of Arrábida	
Adress of the service		
NUTS3	Área Metropolitana de Lisboa	

NUTS2	Área Metropolitana de Lisboa	
Country	PORTUGAL	
Eligibility zone	MED Partner	
Outside of the programme area	No	
Category	Sectoral agency	
Type of administrative code	Tax identification number	
National identifying number	507796497	
Is your organisation entitled to recover VAT?	No	
Legal status	Private	
Role of the partner in the project		
2007–2013 programming period participation	No	
Total staff of the partner structure		

Partner number	Profile	Status
PP5	Partenaire	Active
Identification number of the organisation	1983	
Name of the partner	REGION OF WESTERN GREECE	
Abbreviation of the organisation	RWG	
Main adress	New National Road Patron Athinon 32 & Amerikis 26441 Patras	
Service	Development Programming Division	
Adress of the service		
NUTS3	Αχαΐα (Achaía)	
NUTS2	Δυτική Ελλάδα (Dytikí Elláda)	
Country	GREECE	
Eligibility zone	MED Partner	
Outside of the programme area	No	
Category	Regional Public authority	
Type of administrative code	Tax Registration Number	
National identifying number	EL997824337	
Is your organisation entitled to recover VAT?	No	
Legal status	Public	
Role of the partner in the project		
2007–2013 programming period participation	No	
Total staff of the partner structure	500 and more	

Partner number	Profile	Status
PP6	Partenaire	Active
Identification number of the organisation		2824
Name of the partner		Metropolitan City of Milan
Abbreviation of the organisation		MCM
Main adress		Via Vivaio, 1 20122 Milan
Service		"Unit European Policies and Programming" - General Direction
Adress of the service		
NUTS3		Milano
NUTS2		Lombardia
Country		ITALY
Eligibility zone		MED Partner
Outside of the programme area		No
Category		Local Public authority
Type of administrative code		Fiscal code
National identifying number		08911820960
Is your organisation entitled to recover VAT?	No	
Legal status		Public
Role of the partner in the project		
2007–2013 programming period participation		Yes
Total staff of the partner structure		

Partner number	Profile	Status
PP7	Partenaire	Active
Identification number of the organisation		2208
Name of the partner		Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria
Abbreviation of the organisation		POLIMI
Main adress		Piazza Leonardo da Vinci, 32 20133 Milan
Service		Dipartimento di Elettronica, Informazione e Bioingegneria
Adress of the service		Via Ponzio 34/5 20133 Milan
NUTS3		Milano
NUTS2		Lombardia
Country		ITALY

Eligibility zone	MED Partner	
Outside of the programme area	No	
Category	Higher education and research	
Type of administrative code	[en] VAT identification number	
National identifying number	04376620151	
Is your organisation entitled to recover VAT?	No	
Legal status	Public	
Role of the partner in the project		
2007–2013 programming period participation	No	
Total staff of the partner structure		

Partner number	Profile	Status
PP8	Partenaire	Active
Identification number of the organisation	2577	
Name of the partner	Capenergies	
Abbreviation of the organisation	Capenergies	
Main adress	Technopôle de l'Environnement Arbois Bâtiment Henri Poincaré 13547 Aix en Provence	
Service		
Adress of the service		
NUTS3	Bouches-du-Rhône	
NUTS2	Provence-Alpes-Côte d'Azur	
Country	FRANCE	
Eligibility zone	MED Partner	
Outside of the programme area	No	
Category	Business support organisation	
Type of administrative code	Business/Institutions repertoire identification system	
National identifying number	48870221800014	
Is your organisation entitled to recover VAT?	Yes	
Legal status	Public	
Role of the partner in the project		
2007–2013 programming period participation	No	
Total staff of the partner structure	10 to 19	

Partner number	Profile	Status
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PP9	Partenaire	Active
Identification number of the organisation		4672
Name of the partner		National Institute of Applied Science
Abbreviation of the organisation		INSA Lyon
Main adress		20 avenue Albert Einstein 69621 VILLEURBANNE Cedex FRANCE 69621 VILLEURBANNE Cedex
Service		
Adress of the service		6 Avenue des Arts 69621 VILLEURBANNE
NUTS3		Rhône
NUTS2		Rhône-Alpes
Country		FRANCE
Eligibility zone		MED Partner
Outside of the programme area		No
Category		Higher education and research
Type of administrative code		Business/Institutions repertoire identification system
National identifying number		19690192000013
Is your organisation entitled to recover VAT?	Yes	
Legal status		Public
Role of the partner in the project		Operational
2007–2013 programming period participation		No
Total staff of the partner structure		

1.1 B.1.1. Additional partner's information

	Name of partner in original language	If the partner is public	Partner structure annual total budget (in €)	Budget dedicated to EU programmes by the partner structure (in €)	Total staff of the partner structure (full time equivalent)	Staff dedicated to EU programmes (full time equivalent)
Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Regione Abruzzo	Public	3.000.000 to 10.000.000 €	1.000.001	11 to 50	9
Athena Research and Innovation Center	ΑΘΗΝΑ - Ερευνητικό Κέντρο Καινοτομίας στις Τεχνολογίες της Πληροφορίας, των Επικοινωνιών και της Γνώσης	equivalent public	more than 10.000.001 €	3.700.000	51 to 250	75
Energy Agency of Granada	Agencia Provincial de la Energía de Granada	equivalent public	500.000 € or less	70.000	10 or less	0,5
City Development Agency East Sarajevo	Gradska razvojna agencija Istočno Sarajevo	Public	500.000 € or less	25.000	10 or less	3
Energy and Environment Agency of Arrábida	Agência de Energia e Ambiente da Arrábida		500.000 € or less	100.000	10 or less	5
REGION OF WESTERN GREECE	ΠΕΡΙΦΕΡΕΙΑ ΔΥΤΙΚΗΣ ΕΛΛΑΔΑΣ	Public	more than 10.000.001 €	20.000.000	501 to 1.000	20
Metropolitan City of Milan	Città Metropolitana di Milano	Public	more than 10.000.001 €		11 to 50	2
Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	Politecnico di Milano	Public	more than 10.000.001 €	6.000.000	251 to 500	227
Capenergies	Capenergies pôle de compétitivité	equivalent public	1.000.001 to 3.000.000 €	100.000	11 to 50	2
National Institute of Applied Science	INSA Lyon	Public	more than 10.000.001 €	300000	more than 1.001	3

1.2 B.1.2. In the case of partners from outside the programme area

	Partners from outside the programme area	Which is the added value of the inclusion of this partner from outside of the programme area in the partnership?	Please confirm that the partner is aware about the requirements of the First Level Control in its country of origin and the feasibility of their application for the MED area.

1.3 B.1.3. Contacts

Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)

Legal representative	Iris Flacco Via Passolanciano n. 75 65124 Pescara Abruzzo Pescara ITALY iris.flacco@regione.abruzzo.it
Contact person	Chiara Barchiesi Via Passolanciano n- 75 65124 Pescara Abruzzo Pescara ITALY chiara.barchiesi@regione.abruzzo.it

Athena Research and Innovation Center

Legal representative	Dimitrios Serpanos PSP Building, Stadiou Str 26504 Planati, Patras Δυτική Ελλάδα (Dytikí Elláda) Αχαΐα (Achaía) GREECE serpanos@isi.gr
Contact person	Athanasios Kalogeras PSP Building, Stadiou Str 26504 Platani, Patras Δυτική Ελλάδα (Dytikí Elláda) Αχαΐα (Achaía) GREECE kalogeras@isi.gr 302610910308

Energy Agency of Granada

Legal representative	<p>M^a Ángeles Blanco López Edificio CIE 1^a Planta ,, Avd.a Andaluc í a s/n 18015 Granada Andalucía Granada SPAIN info@apegr.org</p>
Contact person	<p>Gonzalo Esteban López Edificio CIE 1^a Planta ,, Avd.a Andaluc í a s/n 18015 Granada Andalucía Granada SPAIN areatecnica@apegr.org 0034 958281551</p>

City Development Agency East Sarajevo

Legal representative	<p>Mladenka Pandurevic Stefana Nemanje Street No. 14 71123 East Sarajevo BOSNIA AND HERZEGOVINA BOSNIA AND HERZEGOVINA BOSNIA AND HERZEGOVINA direktor@rais.rs.ba +387 57 342 636</p>
Contact person	<p>Adrijana Rac Stefana Nemanje 14 71123 East Sarajevo BOSNIA AND HERZEGOVINA BOSNIA AND HERZEGOVINA BOSNIA AND HERZEGOVINA adrijana.rac@rais.rs.ba</p>

Energy and Environment Agency of Arrábida

Legal representative	<p>Fernanda Manuela Almeida Pésinho Avenida Belo Horizonte, Edifício Escarpas Santos Nicolau 2910-422 Setúbal Área Metropolitana de Lisboa Área Metropolitana de Lisboa PORTUGAL fpesinho@cm-palmela.pt +351 265 546 194</p>
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Contact person	<p>Cristina Daniel Avenida Belo Horizonte, Edifício Escarpas Santos Nicolau 2910-422 Setúbal Área Metropolitana de Lisboa Área Metropolitana de Lisboa PORTUGAL cristina.daniel@ena.com.pt +351 265 546 194</p>
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REGION OF WESTERN GREECE

Legal representative	<p>Apostolos Katsifaras New National Road Patron Athinon 32 & Amerikis 26441 Patras Δυτική Ελλάδα (Dytikí Elláda) Αχαΐα (Achaía) GREECE grafeio.pde@pde.gov.gr +302613613501</p>
Contact person	<p>Spyros Papaspyrou New National Road Patron Athinon 32 & Amerikis 26441 Patras Δυτική Ελλάδα (Dytikí Elláda) Αχαΐα (Achaía) GREECE s.papaspyrou@pde.gov.gr 00302613613630</p>

Metropolitan City of Milan

Legal representative	<p>Carmine Pacente Via Vivaio, 1 20122 Milan Lombardia Milano ITALY c.pacente@cittametropolitana.milano.it</p>
Contact person	<p>Giancarlo Mastrilli Via Vivaio, 1 20122 Milan Lombardia Milano ITALY g.mastrilli@cittametropolitana.milano.it</p>

Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria

Legal representative	Stefano Tubaro Piazza Leonardo da Vinci, 32 20133 Milan Lombardia Milano ITALY stefano.tubaro@polimi.it
Contact person	Luca Ferrarini Piazza Leonardo da Vinci, 32 20133 Milan Lombardia Milano ITALY luca.ferrarini@polimi.it

Capenergies

Legal representative	Paul Lucchese Domaine du Petit Arbois, Avenue Louis Philibert Bâtiment Henri Poincaré Cedex 4 - CS30658 Aix-en-Provence Provence-Alpes-Côte d'Azur Bouches-du-Rhône FRANCE paul.lucchese@capenergies.fr (+33)0680178149
Contact person	Héloïse Delseny Domaine du Petit Arbois, Avenue Louis Philibert Bâtiment Henri Poincaré 13547 13547 Aix-en-Provence Cedex 4 - CS30658 Provence-Alpes-Côte d'Azur Bouches-du-Rhône FRANCE heloise.delseny@capenergies.fr

National Institute of Applied Science

Legal representative	Eric MAURINCOMME 20 avenue Albert Einstein 69621 VILLEURBANNE Cedex FRANCE 69621 VILLEURBANNE Cedex Rhône-Alpes Rhône FRANCE eric.maurincomme@insa-lyon.fr
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1.4 B.1.4. Former experience

	Is the partner going to participate in another proposal submitted in the present call for proposals?	Name (acronym) of the proposals	Which are the organisation's thematic competences and experiences relevant for the project?	Comment on by organisation's thematic competences and experiences	Role of the partner in the project	What is the benefit for the organisation from participating in the project?
Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Yes	integrated DIVEINTOSEA	Evaluation	ABREG is a public authority which, along with the State, has concurrent legislative powers that allows it to enact interventions in both the innovation, and the energy and environment fields as well as to realize, implement and monitor the innovation, energy and environment plans and policies. It is worth to highlight that, with reference to energy, the region is involved in the Covenant of Mayors Initiative with all its 305 municipalities and the 4 provinces committing thus the whole territory to the promotion, support and development of the production of energy from renewable sources, energy saving and sustainable mobility. Focusing on smart lighting in a municipality, its pilot deployment may thus influence the whole territory.	institutional	ABREG is a public authority which, along with the State, has concurrent legislative powers that allows it to enact interventions in energy and environment fields as well as realize, implement and monitor energy and environment plans and policies. It is involved in the Covenant of Mayors Initiative with all its 305 municipalities and 4 provinces committing thus whole territory to the promotion, support and development of RES, energy saving and sustainable mobility. As such, the project will allow ABREG to benefit of a new tool to further improve its capacity combining sustainability and innovation for the well-being of its citizens. It will also take advantage of cooperation with other EU territories sharing experience and learning from them.

<p>Athena Research and Innovation Center</p>	<p>No</p>		<p>Testing</p>	<p>ISI / ATHENA is a leading Research Institute in ICT and Knowledge Technologies and their applications in different domains including Smart City, and Energy Management Efficiency. It has a solid scientific background that will be utilized for testing of Smart City applications in MED participating territories and 2 pilot deployments. Part of Western testing Greece will be done in the Patras Science Park building that ISI resides with reference to intelligent living labs. ATHENA has a strong commitment towards innovation support through its Corallia unit, having implemented three innovative clusters in Greece. Strong relation with Corallia will be exploited so as to upgrade existing cluster of microelectronics towards Smart City concepts.</p>	<p>operational</p>	<p>The project will provide a possibility to test technological solutions in the field of Smart City in real testing conditions in pilot deployments in the MED area. ISI will benefit from this testing and experimentation enhancing both its technological and innovation profile. Furthermore, by undertaking part of the pilot in Western Greece related to intelligent living labs, it will deploy innovative solutions increasing intelligence in buildings. It will furthermore enhance its profile in the MED area partnering with important institutions.</p>
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Energy Agency of Granada	Yes	MedGems	Testing	<p>Partner is already working in Public Lighting telemanagement with 39 municipalities in the region, and the preparation of specific investment projects related to smart cities in different municipalities. Moreover, the municipality of Motril, selected as pilot site, has some advanced work on metering the consumption of water and electricity of its neighbours, and it's trying to implement a promotion policy of sustainable energy among its neighbours related to energy and water consumption. In this context previous work may be capitalized for this project. It will provide one of the sites of smart lighting pilot.</p>	operational	<p>Partner works usually on assessing its 172 municipalities on all aspects related to sustainable energy use, the Covenant of Mayors implementation, and best practices to be implemented. Thus, all European projects related to some of the aspects that can be implemented in municipalities help us to better understand all technologies, improve our contacts network, and learn best practices that can be locally implemented.</p>
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<p>City Development Agency East Sarajevo</p>	<p>No</p>		<p>Testing</p>	<p>RAIS competencies are related with several fields associated with the Smart City concept: environment, RES and EE, MEs, urban and rural development. It has developed network and cooperation with local and regional SMEs, University of East Sarajevo, National institutions, local authorities and NGO sector. It has experience in implementation of EU projects and development and implementation projects in East Sarajevo. It encourages and supports transfer of knowledge and research from University to the economy and works on promotion of innovations to encourage the connection among science, technology and economy at regional, national and international level. It will provide a pilot deployment site.</p>	<p>operational</p>	<p>“Developed entrepreneurial and innovative economy, competitive in the 21st century” is a strategic objective of East Sarajevo. It is planned to establish the Innovative Centre which will drive forward development of an innovative and entrepreneurial culture. Thus, RAIS is highly motivated to participate in this project in order to gain new knowledge and experience in the area of smart technology that can create considerable opportunities for added value in East Sarajevo. Technology integration can help the city improve efficiency, enhance its economic potential, reduce costs, and open door to new business and services and finally improve the living conditions of its citizens.</p>
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<p>Energy and Environment Agency of Arrábida</p>	<p>Yes</p>	<p>PRODUNE and REWINE</p>	<p>Methodology</p>	<p>ENA represents 3 municipalities of Southern Lisbon, having created an energy observatory developing, implementing and assessing Municipality SEAPS. ENA monitors and evaluates overall power consumption of different Municipal services, designing local projects relevant to natural resources management, optimization of endogenous resources for energy production, energy efficiency in buildings, energy auditing and certification, Municipality SEAP elaboration and monitoring, public lighting GIS mapping and efficiency intervention. Its role is also to conceive, implement, monitor and debate with local, regional and national stakeholders on benefits of obtaining and sharing environment and energy information mainly for decision makers.</p>	<p>operational</p>	<p>ENA will have the opportunity to network with project partners and stakeholders and involve local and regional interested stakeholders (public and private entities and service buildings owners, universities, companies, technological centers and companies, consumer representatives), identifying and obtaining skills for planning and implementing best practices and strategies for smarter energy and transferring, testing best practices and developing strategies and guidelines to harmonize relevant policies in MED area. ENA will expand its capacities in innovative solutions using a life-cycle approach, fostering smarter energy in buildings acting as “living labs”, increasing stakeholder awareness and participation.</p>
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<p>REGION OF WESTERN GREECE</p>	<p>Yes</p>	<p>integrated DIVEINTOSEA</p>	<p>Evaluation</p>	<p>Region of Western Greece (RWG) is local representation of Central Government in Western Greece. It deals with all matters affecting local/regional development. As public authority it has great experience due to its multidisciplinary structure and task to accomplish being the intermediate body in quadruple helix of regional innovation system. RWG has adopted a bottom up approach to support and promote a sustainable socio-economic development with emphasis to SMEs and innovation. Smart City theme is a key factor affecting the competitiveness of the SMEs and the utilization of all comparative advantages of RWG. It will provide one of the project pilot sites. RWG will implement project through Programmatic Agreement with its Development Company.</p>	<p>institutional</p>	<p>It is a strategic priority the strengthening of the competitiveness of enterprises with restructuring, modernization and economic diversification of the regional economy-oriented first at technological, sectoral and cross-sectoral priority areas as defined on the smart Strategy Specialization RIS3. Small and medium-sized enterprises will be a major source of region's future economic growth in relation with all the other stakeholders of the quadruple helix.</p>
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Metropolitan City of Milan	No		Testing	<p>Partner has been developing an innovative telecommunication infrastructure: about 2500km of optic fiber (ITU-T G.652D standard) the pilot aim is to use this infrastructure to monitor, control and test energy and environment parameters of some public buildings of MMC, such as its headquarter, some schools of its territory. Testing Smart City concept will allow novel applications and services on top of this infrastructure and enhance innovation ecosystem in the Metropolitan Area. Milan Metropolitan City focuses on smart energy issues in the city of Milan in order to address energy efficiency, offering innovative applications to citizens and city beneficiaries. It will provide one pilot site in the project in this domain.</p>	institutional	<p>The possibility to finance part of a big and innovative strategic infrastructure of Partner, adding energy management and domotic remote control as first test in the Med Area, able to be applied in other European metropolitan areas. Applying the Smart City concept and enhancing innovation ecosystem.</p>
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<p>Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria</p>	<p>No</p>		<p>Testing</p>	<p>Politecnico di Milano is the largest scientific-technological university in Italy and will participate in the project with the Dept. di Elettronica, Informazione e Bioingegneria, including main branches of ICT research and its application. The team has solid skills in monitoring and control of behavior of machines, systems and buildings to evaluate their performance, optimization, prediction and control of energy systems, renewable and storage integration, as well as ICT technologies for energy efficiency / building automation. It thus has the solid background to enhance testing of Smart City concepts, especially with reference to smart energy and will offer pilot site deployment.</p>	<p>operational</p>	<p>POLIMI main benefit is the possibility to test in real context and under real operating conditions, concepts, algorithms and control and optimization techniques. A further benefit is also to actively participate to provide policy-makers, PA and energy managers with decision support tools to optimize environmental impacts of their decisions and operations. At the same time, POLIMI will be in the position to enhance the state-of-the-art know-how and to boost technology transfer activities. Also, working close to the Metropolitan area of Milan as well as with important cities and regions in South Europe will strengthen the prestige of POLIMI in the whole Mediterranean area.</p>
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Capenergies	Yes	Modular MATTHIAS; Integrated ENERNETMOB	Testing	<p>As a network of 520 innovative energy actors mainly SMEs, Capenergies has a long experience of engaging stakeholders in collaborative projects and demonstrators. The cluster provides end-to-end support for innovation and SME competitiveness. Through the certification procedure of the Capenergies labelling Committee, a group of experts issue constructive recommendations on projects submitted to attest their worth and ease the path towards obtaining public sector financing. Since 2005, more than 580 projects were quality-certified in particular on smart cities applications (intelligent mobility, lighting, etc...). Capenergies also headed the French experimental site during the EMILIE project and deployed the SmartEE demonstrator.</p>	operational	<p>French competitiveness cluster dedicated to carbon-free energy resources. It can engage its 520 members and 1400 partners to the project so that they can benefit from activities. Its involvement in ESMARTCITY will help increase international presence of the cluster and international reach of developmental projects regarding innovative technologies applied to smart city. ESMARTCITY will enable to upgrade activities have been implemented within past EU projects – introduction and promotion of innovative RES technologies (EMILIE project) and to contribute to further development in the field of smart cities. With reference to pilot deployment in Lyon, it will collaborate with Inria with reference to solar street lighting, autonomous or hybrid.</p>
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<p>National Institute of Applied Science</p>	<p>No</p>		<p>Testing</p>	<p>INSA Lyon will participate in the pilot testing, with contribution in the testing methodology, feasibility study and performance evaluations; Besides, a pilot will be developed by INSA Lyon, as well as communication operations.</p>	<p>scientific</p>	<p>INSA LYON fosters the participation of its research teams in European projects and in transfer actions. This project allies both aspects. Participating in the design of pilot deployment is a major way of benchmarking, prototyping and valorizing academic results in order to give them societal and economic impact. Results associated with the Smart City concepts could enhance overall innovation capacities producing added value for MED territories.</p>
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1.5 B.1.5. Other former experience

	Did the partner already participate in a MED Programme project (programming period 2007-2013)?	If yes, precise the projects acronym:	When relevant, describe the organisation's experience in participating in and/or managing EU co-financed projects (only programming period 2007-2013) or other international projects.	Did the partner already participate in a MED Programme project (programming period 2014-2020)?	If yes, precise the projects acronym:
Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Yes	CreaMED, OTREMED, Reinpo Retail	The Service boasts a relevant experience in the management and participation of the following EU 2007-2013 projects: - BRICKS (Building Refurbishment with Increased Competences, Knowledge and Skills), BUILD UP Skills - Pillar II co-funded by IEE; - Alterenergy (Energy sustainability for Adriatic small communities), IPA-Adriatic 2007-2013; - "Regions 4 Green Growth" (2012-2014), INTERREG IV C. It relates regional policy instruments and approaches for improving access to finance and speeding up investments in sustainable energy; - "Effect" (2011-2014) Upgrading of Energy Efficient Public Procurement for a balanced economic growth of SEE area, funded by South East Europe Programme; - Biomethane Regions (2011-2014), supported by IEE.	Yes	NEW FINANCE, SHERPA

Athena Research and Innovation Center	No		ATHENA has significant expertise and experience in running European, interregional and national projects. It is currently participating in 9 Horizon2020 projects. It has significant participation in FP7 projects. The Industrial Systems Institute has successfully run more than 50 projects in the last programming period.	No	
Energy Agency of Granada	Yes	TEENERGY	The partner has experience on participating/managing different European projects in different programs related to sustainable Energy. Such projects include ENERCITIES, TEENERGY, ROKWOOD, ENERCOOP, SAVE II Granada Energy Agency, while there is collaboration in other projects as well.	No	
City Development Agency East Sarajevo	Yes	GRASP	RAIS participated in project GRASP as a partner institution. During the 2,5 year of implementation of project RAIS had: identified SMEs and PAs and make Regional analysis in the field of RES, EE and e-Public procurement in Bosnia and Herzegovina, participated in creation on GRASP databases (knowledge and solutions), worked on dissemination activities of project GRASP (organization of seminars, round tables, translation and sending newsletters, brochures, triptych est.), participation in GRASP test activity (EE - façade).	No	

<p>Energy and Environment Agency of Arrábida</p>	<p>No</p>		<p>ENA developed the proposals and participated in the following projects:</p> <p>a) <input type="checkbox"/> Promotion 3e: Promotion of Energy-Efficient appliances in Europe – partner (IEE, period: 2009 – 2011)</p> <p>b) <input type="checkbox"/> RecOil: Promotion of used cooking oil recycling for sustainable biodiesel production – coordinator (IEE, period: 2012 – 2015)</p> <p>c) <input type="checkbox"/> YAECI: Yearly Appliance Energy Cost Indication – partner (IEE, period 2012 – 2015)</p> <p>d) <input type="checkbox"/> GEEPMEs: Efficient Energy Management of SMEs – coordinator (national)</p> <p>e) <input type="checkbox"/> Smart Offices: development and implementation of an energy management online platform for offices – partner (national)</p> <p>f) <input type="checkbox"/> “Know & Act”: development and implementation of an energy consumption in real time TIC platform for public buildings – partner (national)</p>	<p>Yes</p>	<p>COMPOSE</p>
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REGION OF WESTERN GREECE	No		RWG participated in several projects during the past programming period. It is active in the FP7 programme aiming at bridging the outcomes of research with the needs of the market. In that direction RWG has implemented 2 projects, while it is implementing another 1 FP7 project financing from the operational program SMEs to cooperate with research institutes to produce end products for the market. RWG was active in the fields of INTERREG program (SOUTH EAST, INTERREG IV, Greece-Italy) aiming at the sustainable development with emphasis to the energy sector and the support of SMEs. The same case is for RWG participation to different projects of LIFE+.	No	
Metropolitan City of Milan	Yes	MACC BAM	Different projects in different programmes. Examples: Geoinform project in Life Ambiente program, HIGH COMBI in FP7 (STREP), Creation in Progress, CNBC - Cluster and Network Cooperation for Business Success in Central Europe in Central Europe, Innovation and Novelty Exhibition for the Population in Iniziativa PRO INNO Europe, MACC BAM in MED, Lotta alla violenza contro le donne in EuropeAid	No	

<p>Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria</p>	<p>No</p>		<p>The Department (DEIB) has participated to FP6 and also to FP7 with 70 projects, for a total cost value of more than 32M€ (25M€ funding), of which 15 were coordinated by DEIB. In the last three years, DEIB participated in the following EU Projects: CUBRIK, REWIND, SCENIC, Q-ImPRESS, Indenica, MADES, OMP, LarKC, GAMES, MULTICUBE, Synaptic, COMPLEX, iSENSE, FASTER, TOISE, SmartH2O. Today DEIB participates in 30 H2020 projects: ANTAREX, MANGO, RESCUE, DICE, RETRAINER, IT²RAIL, PreFlexMS, ECOPOTENTIAL, EXTRA, IMPREX, EDEN2020, M2DC, BD2Decide, COSSIM, Rock EU2, PICs4ALL, UnCoVerCPS, WhoLoDancE, DOSSIER- Cloud, LINK, EUBra-BIGSEA, ICT-STREAMS, AMMODIT, ACT5G, STEER, City4Age, MUSICA, HERCULES-2, PROTASIS, LUCA.</p>	<p>No</p>	
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Capenergies	Yes	EMILIE project	<p>Capenergies has been involved in European collaborative projects for 3 years. The cooperation developed by Capenergies with foreign clusters/organisations is particularly important for boosting its role in the internationalisation process of SMEs (exports, foreign partnerships and investments) which then leads to new job creation, growth and long-term sustainability.</p> <ul style="list-style-type: none"> • EMILIE – Enhancing Mediterranean initiatives leading SMEs to innovation in building energy efficiency technologies (www.emilieproject.eu) • MARE – Mediterranean Activities for Research and Innovation in the Energy sector (www.mare-euromed.eu) • TOWERPOWER – Research for SME Association project on the field of monitoring defect in offshore wind turbines (www.towerpower.eu) 	No	
National Institute of Applied Science	No		<p>INSA LYON has been active in the previous European framework programmes (in FP7: 34 projects, including 5 in the ICT theme of the Cooperation Programm).</p>	No	

2. B.2 Associated partners

	Name of the associated partner in original language	Project partner which this partner is associated	Sous – region (NUTS3)	Region (NUTS2)	Country	Associated partner category	Contact person (name and e-mail)	Which the role and interest of the associated partner in the project?
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- III - PART C – Project description

1. C.1 Project relevance

1.1 C.1.1 What are the common territorial challenges that will be tackled by the project? Are they coherent with the programme specific objective selected and the relevant Terms of Reference of the call?

MED area is characterised by good development potential of Green Growth sector. Focused interventions on highly innovative Smart City sub theme can enhance innovation level in the area lagging behind EU average, realizing EU 2020 strategy challenges. Technology-driven Smart City concept is a response to challenges that many cities face in MED, such as lower ICT use level, unemployment, weak infrastructures, socio-economic inclusion, increasing competition.

A city is smart when “investments in human and social capital and traditional (transport) and modern (ICT) communication infrastructure fuel sustainable economic growth and a high quality of life, with a wise management of natural resources, through participatory governance”. Smart City strikes a balance between economic, social and environmental demands, focuses on Smart Sustainable Green Growth recognizing economic growth and sustainability as welfare prerequisites.

Mobilizing cities for change, reinventing the way they operate and transact with the citizen, making them more sustainable, bringing technology at the citizen service, are goals to achieve, contributing to smarter cities. Despite ICT ubiquity, being an enabler for smartness, and pilot applications in different cities, the relevant market is not yet developed. A main reason for this is that it remains technology pushed. The positive impacts of smart city transformation are not well demonstrated, resulting to absence of adequate city authority pull. The necessary innovation ecosystems are not well established, resulting in end-user and citizen narrow uptake and participation.

The project drives towards this end improving innovation capacities of MED area cities and enhancing innovation ecosystems involving actors of the quadruple helix enforcing Smart City Concept, thus being in line with priority axis 1 and SO 1.1. It addresses General Challenges of Smart and Sustainable and, to a lesser extent, of Inclusive Growth, focusing on Green Growth and the Smart City concept.

1.2 C.1.2 What is the project’s approach in addressing these common territorial challenges and/or joint assets and what is new/specific about the approach the project takes?

The project goal is to improve MED area cities innovation capacities, through establishment of innovation ecosystems comprising citizens, businesses, research / academia, and public authorities, enforcing the Smart City (SC) concept. The city is not solely viewed as the object of technology enforcement but rather as an innovation ecosystem that can produce living and work scenarios.

The project follows a networking / clustering approach pertaining to different SC application areas. Such areas comprise Innovation Economy (intelligent sectoral clusters, districts, incubation), City Infrastructure and Utilities - CIU (smart transport / mobility / parking, smart grid / energy provision, safety / environmental monitoring) and Governance (public services to citizens, participatory processes, monitoring / measurement). The project focuses on a subset of application areas: intelligent districts and smarter energy, and smarter lighting. In this context existing innovative clusters will be enhanced towards the SC

concept, interlinked, and will enhance/reinforce international networking /clustering of different relevant quadruple helix actors.

A proof of concept of the SC concept will be given through 1 transnational pilot deployment extending to different sites of the MED area, utilizing underlying ICT infrastructure for the purpose of specific applications and services to end-users/citizens. Deployment purpose is twofold: to test / demonstrate SC concept, instigating public authority/end-user interest and enhancing the relevant market, while its specification being open enough to allow end-user/vendor entering into a process of co-creation, imagining innovative applications in a bottom-up approach and creating potential for start-ups and entrepreneurship enhancement, an innovative project element. The sustainability of the approach requires territorial policy change, especially in the tender field, so that SC concept is taken into account relevant to existing infrastructure.

1.3 C.1.3 Why is transnational cooperation needed to achieve the project's objectives and result?

The project builds upon the formulation of an international network / cluster relevant to a selected Smart City application area subset. The selected application areas, intelligent districts and smarter energy, and smarter lighting, represent areas of common interest for MED area cities, presenting similar problems and demanding common solutions. The partner areas present a good mix of sites that could be representative of the whole MED area: both big metropolitan cities and smaller cities in rural areas, areas with different climate conditions, areas with differences in development and infrastructures. The project partnership thus offers the required diversification so that the proposed project solutions have the expected genericity and potential for replication.

The Smart City concept addressed by the project can offer a competitive advantage for the MED area comprising different application areas that can be the subject of innovation and entrepreneurship enhancement. International collaboration is necessary in order to take advantage of the existing international expertise and know-how, involving the different relevant actors from research / academia, technology providers / businesses, public authorities, public and existing clusters. The challenging project goal of utilizing open technological solutions, that could create an infrastructure not only solving specific problems but providing a test bed for further experimentation and deployment of additional services in a sense of co-creation, mandates transnational cooperation.

Both project partners and targeted groups / networks involved in the project will benefit from such an approach through their capacity enhancement. Furthermore, partner areas through the pilot deployment will offer demonstrations of the Smart City concept improving their infrastructures and offered services. They will help in the creation of the necessary city authority pull that can lead to the development of the market in the MED area.

1.4 C.1.4 Please confirm which cooperation criteria apply to your project.

	Cooperation criteria
Cooperation criteria	Joint Development Joint Implementation Joint Staffing Joint Financing

1.5 C.1.5 Why the type of project (module) selected is appropriate in order to achieve the objectives of the project?

The project is of type M2 – Testing. The selection of this type of module is deemed appropriate for the specific project as main aim is to test, demonstrate the applicability of the Smart City concept and transfer it in the MED area.

Information and Communication Technologies (ICT) surely represent a technological enabler of the Smart City concept. Furthermore, ICT drives beyond this role, towards a new model of the City as an innovation environment, an environment that promotes user-driven open innovation. In this context the City is considered further to its role as the object of innovation; it is also viewed as a dynamic innovation ecosystem that can produce innovative work and life scenarios. Putting technology to the service of the citizen is a goal to fulfil. Technological evolutions like Open Data, Internet of Things and Services, Future Internet are among those that can help achieve progress in cities in the upcoming years. Creating an environment in cities that supports digital applications, enriching it with smart devices, embedded systems and sensors / actuators, and creating, on top of this infrastructure, applications for data collection and processing, looks like the way to go. Creating applications and e-services to the citizen for all sectors of urban activity can revolutionize the way that the cities work, make lives of people better, create economic fabric of high value, enhance employment and help avert brain drain.

The favourable technical environment has created the necessary technology push, yet insufficient testing and demonstration has not created adequate public authority pull. The project offers this opportunity of testing, based on a combination of favourable technological and technological solutions, as the project partnership has a strong commitment towards making MED territories smarter. Previous experience of the project team with relevant projects such as FP7 SMARTSANTANDER will act as a springboard for the project success.

2. C.2 Project focus

2.1 C.2.1 Project objectives, expected results and main outputs

Project general objective
<p>The project overall objective is the improvement of MED area cities innovation capacities, through the establishment of innovation ecosystems comprising citizens, businesses, research / academia, public authorities, and existing clusters, enforcing the Smart City concept. The project addresses a subset of application areas of the Smart City concept, more specifically intelligent districts and smarter energy, and smarter lighting. In this context two existing innovative clusters in the area will be upgraded integrating Smart City concepts. Then, they will lead wider networking activities with MED quadruple helix actors in the specific application area, mobilizing the wider community. The project overall objective contributes to the program priority specific objective of “increasing transnational activity of innovative clusters and networks of key sectors of the MED area”. Green growth represents according to the ESPON TERREVI report a sector of good development potential for MED area. The Smart City concept is part of the Sub Thematic focus of Green Growth. In this context, the envisaged Smart City application area integration into relevant innovative clusters and proposed wider networking really increases transnational activities of such networks associated with a highly innovative key sector of MED area, thus falling in the heart of specific objective 1.1.</p>

Project result

<p>1 Upgrade of existing innovative clusters in the area integrating Smart City concept : Two of the project partners have a strong liaison with innovation. Capenergies represents an innovation cluster in the field of energy with over 500 members. ISI is part of the ATHENA RC, a unit of which is Corallia, the Greek cluster formation platform having established three clusters in microelectronics, gaming and space technologies. Both partners will focus on upgrading existing clusters in the MED area by integrating the Smart City thematic in their areas of interest. The Green Growth community will benefit from this upgrade of clusters that is also expected to assist the diffusion towards their members increasing their overall potential. The interregional communication, networking and transferring activities envisaged in the framework of the project will be part of the transnational activities offered to their members related to the key sector of Green Growth. Thus, the project directly contributes to the chosen programme result indicator.</p>
<p>2 Networking activities led by existing innovation clusters involving Smart City community quadruple helix actors : Following their upgrade towards the Smart City sub theme, existing innovative clusters of the MED area will lead transnational networking activities involving quadruple helix actors related to Smart Cities. The resulting international network that will derive from the project will focus on a subset of the Smart City theme, specifically intelligent districts and smart energy, and smart lighting. Different actors of the quadruple helix coming from the business world, academia and research, public / city authorities and policy makers, and citizens and the wider public, will be part of this networked community. Synergies with the existing clusters in the area will be sought. This wider networking framework will enhance coordination efforts associated with Smart City enforcement in the MED area. It will make relevant MED actors more visible also at a European level and showcasing the area critical mass in the field. The project will facilitate Capacity Building (training), International Partnering (matchmaking and brokerage) and International Cooperation and Networking activities. Project led coordination of the networked community created, as well as integration of existing innovation clusters in the partner areas and enhancement of their transnational activities, directly contributes to the program result indicator.</p>
<p>3 Making MED territorial policies more efficient to improve city ecosystem innovation capacities : The project will bring together public /city authorities and citizens from one hand, and businesses and academia / research from the other with reference to the Smart City concept. It is expected that the project pilot deployments will help towards matching the existing technology push offered by the latter, with an adequate end user pull that has to be stimulated. The sustainability of this paradigm has to be addressed by making MED territorial innovation policies more efficient. Influencing territorial policies, especially for tenders, so that the Smart City concept is addressed and the existing Smart City infrastructure is taken into account is a secure path leading to sustainability. In this context city ecosystem innovation capacities can change and experimentation with new potential applications can be pursued. Policy makers at local/regional level will be involved in a project launched debate/dialogue to this end. It is expected that existing innovation clusters participating in the project activities will benefit from such a paradigm shift, getting involved in the project transnational territorial policy change. Thus, this policy paradigm change directly contributes to the program result indicator.</p>

Specific Objective of the Programme	Result indicator
1.1 To increase transnational activity of innovative clusters and networks of key sectors of the MED area	Share of innovative clusters (i.e. including RDI activities) offering to their members a consolidated mix of transnational activities in key sectors of the MED area

Title of the objective	Description	Communication objectives	Approche/tactics
Enhance the public authority / end user pull for Smart City relevant innovative applications and services	The Smart City (SC) paradigm requires both technological and institutional maturity, so that the technological push and institutional pull are matched and the relevant highly innovative market is established. Despite existing demonstrations, city authority and end user pull for SC relevant applications and services is not adequate. The project will enhance this pull, testing / demonstrating the SC concept focusing on specific application areas. A Feasibility Study will detail the specific Requirements, Technological State-of-the-Art and Specifications for Testing. A common Methodology for Testing and Demonstration will be enforced in 1 transnational Pilot Deployment performing SC Testing in the partner countries.	<ol style="list-style-type: none"> 1. Involve public authorities at a local / regional level, and end users / citizens, in the project networking led by existing innovative clusters, by presenting the Smart City concept and the benefits behind smarter cities and enhancing innovation ecosystems in them for the cities themselves and for the end users of innovative applications and services, demonstrated via pilot deployment 2. Integrate businesses, academia / research and existing clusters, all ICT relevant and / or energy relevant in the project network 	A communication and media strategy will be designed. After stakeholder mapping a unified innovative approach will be followed for all selected target groups offering them a coherent, timely and accurate picture of the project implementation, involving them and conveying project message to them. Content of high impact will be utilized (stories, videos, infographics, cinemagraphs) so as to lead to an audience that will be loyal and follow project steps. Transnational communication campaigns will be implemented via social networks. Traditional media and events will be also used. Overall a total of 500 SMEs, 50 public authorities, 100 research stakeholders and over 200.000 persons in the MED area will be reached (general public).

<p>Enhance MED territory innovation potential through Smart City relevant Experimentation and Co-Creation</p>	<p>The Smart City (SC) paradigm views the city not only as the object of technology enforcement but also as an innovation ecosystem that can generate innovative work and living scenarios. SC relevant infrastructure can be open enough to attract technology vendors / end users to test and demonstrate new innovative applications / services, further to the ones initially deployed for, enhancing MED territory innovation potential through a Co-Creation environment. Project Feasibility Study will address Experimentation needs, posing specific Requirements and demanding open Technological solutions. Methodology for Testing will take into account such openness and experimentation requirements.</p>	<p>1. Involve businesses / technology vendors mainly ICT relevant and end – users in project Experimentation and Co-Creation for utilizing pilot deployment as test bed for innovative applications and services with reference to the Smart City concept. 2. Involve members of highly innovative clusters in the area in the process of Experimentation and enhance their transnational activities</p>	<p>Content will be constantly revised and according to the targeted stakeholders, the selected channels, tools and messages on them will differ. The MED Website and social media like Linked-in, Pinterest, will be fed with success stories, summaries, innovative videos, infographics, cinemagraphs so as to attract SMEs, associations, clusters. Two-ways communication channels, like events and bilateral meetings will be implemented so as to engage these specific groups of stakeholders and lead them to the project's "Smart City Community" that will be created. 30 associations/clusters will be reached and as mentioned above, at least 500 SMEs.</p>
<p>Develop MED territory strategies for Innovation Policy Change</p>	<p>Sustainability of the Smart City (SC) paradigm has to be ascertained. The deployment of infrastructure creates future maintenance and upgrade needs for the infrastructure to remain up and running. Supporting sustainability needs to be addressed by regional strategies. A paradigm of such strategies comes from the FP7 SMARTSANTANDER project proposing Innovation Policy Change mainly in the field of tenders, so that future calls for tender at a regional level take into account the SC concept as well as the utilization of deployed infrastructure. This paradigm will form the core of the project Sustainability Plan detailing the necessary MED territory Strategy Changes in the partner regions.</p>	<p>Engage public local and regional authorities, in a fruitful dialogue related with the project results and recommendations for Innovation Policy Change.</p>	<p>These target groups require a certain communication method that will be decided in detail when the mapping procedure will be completed. They are high-power stakeholders that need to be monitored closely. Traditional media, hearings and events will be used to attract them. Inviting them to transnational events of the Green Growth Community and organizing a round-table related with Smart City policy recommendations could be an approach. The Resulting Green Paper on Innovation Policy Change will be made widely available in digital and printed form and Policy Recommendations will be presented in public authorities targeted.</p>

Programme output indicator	Programme output indicator targets	Project main output quantification	Project main output number	Project main output
Number of operational instruments to favour innovation of SMEs	2	1	Work package4-3	Green Paper on Innovation Policy Change
Number of operational instruments to favour innovation of SMEs	2	1	Work package5-2	Smart City Protocol acceptance by regional / local authorities in the partner territories
Number of enterprises receiving non-financial support	40	40	Work package4-1	Enhancement of innovative potential of SMEs
Number of transnational innovation clusters supported	1	1	Work package5-1	Upgraded Cluster

2.2 C.2.2 Target groups

Target groups	Description	Target value
Sectoral agency	Sectoral agencies can benefit from the projects, especially in the field of smarter energy and lighting. ENA, APEGR, already project partners are energy agencies. A target of 30 sectoral agencies has been set.	30.00 Organisations
Other	Members from project partners, SO 1.1 Modular Projects (MPs) and Horizontal Project partner, MED Programme bodies, EU organizations	40.00 Number
Business support organisation	Chambers of commerce, chambers or federations and associations of SMEs will be invited to participate as stakeholders in the project networked community.	10.00 Organisations
General public	The target group "General Public" identifies the Citizens directly involved and benefiting of Pilot project outcomes.(an average of 3.000 persons per Pilot Project).	27000.00 Population
Higher education and research	Academia and research institutes is an important target group of the project, being an actor of the quadruple helix and target of the networking activity of the project. 3 partners (ISI, PoliMI, Inria) will be involved in pilot deployments.	30.00 Organisations
Infrastructure and (public) service provider	The project directly addresses the challenge of innovative city infrastructures. In this context infrastructure / service providers are included as targets.	10.00 Organisations
Local public authority	Local public authorities represent a project target being a main recipient of the project results, i.e. innovation ecosystems in Smart Cities promoted through clustering of relevant SMEs. MMC and RAIS fall into this category. A target of 40 is set.	40.00 Organisations
National public authority	Innovation Policy change is a challenge valid both at local / regional level and national level. In this context the final output of the project will be communicated towards national authorities in the MED area.	5.00 Organisations
SME	Clustered SMEs in the ICT and Energy Efficiency areas are a target group of the project. Both clustered SMEs and innovative SMEs networked by the project will be enhanced through relevant capacity building.	300.00 Entreprises
Regional public authority	Regional Public Authorities are a target group of the project. They present a target of transferring the project outcome and especially the Green Paper on Innovation Policy change.	8.00 Organisations

3. C.3 Project context

3.1 C.3.1.a. How does the project contribute to wider strategies and policies?

The project contributes to European Cohesion Policy themes of Research and Innovation (R&I) (networking / clustering approach, improvement of transnational innovation activities of clusters, testing of highly innovative Smart City (SC) concepts), ICT (SC based on ICT), SME Competitiveness (envisaged Experimentation contributes to entrepreneurial enhancement / new company creation), and Urban Development (SC promotes a novel Urban Development paradigm). It contributes to Europe 2020 Strategy - Smart Growth priority (promoting SC concepts and enhancing a city ecosystem based on knowledge and innovation), Sustainable Growth (SC being part of Green Growth subtheme) and indirectly Inclusive Growth priority (SC contributing to higher employment). It is in line with a) Italy's OP on Metropolitan Cities - Metropolitan Digital

Agenda, OP on Research and Innovation priority of promoting business investment in R&I, ROP Lombardia priorities to enhance R&I, and support energy efficiency, smart energy management, ROP Abruzzo priorities of RDI, spread of digital services and sustainable urban development; b) Greek Competitiveness, Entrepreneurship and Innovation OP priority of enhancing entrepreneurship with sectorial priorities (RDI), and Western Greece OP priority of reinforcement of competitiveness with focus on innovation; c) Spain's Sustainable Growth OP priorities of energy efficiency in houses and public infrastructures, and sustainable integrated urban development, Smart Growth OP priorities of strengthening RDI and enhancing access to ICT, Andalusia OP priorities of RDI and ICT; d) French Regional Program Rhône Alpes priority to increase R&I, Regional Program Provence-Alpes-Côte d'Azur priority to increase research activities, innovation and employment; e) Portuguese Competitiveness and Internationalization OP priority to strengthen RDI, Regional OP Lisboa priority to support RTD and Innovation; f) B&H IPA II priority sector of Competitiveness and Innovation.

3.2 C.3.1.b. If applicable, indicate if the project contributes to the following strategies and describe in what way.

	-	-
If applicable, indicate if the project contributes to the following strategies and describe in what way.		
EU Strategy for the Adriatic-Ionian Region (EUSAIR)	.	The project promotes the Smart City (SC) concept. It addresses EUSAIR pillar 2.Connecting the Region, Maritime Transport topic (ports representing SC intelligent districts), Energy networks topic (SC smart grid and energy provision), pillar 3.Environmental Quality (SC environmental monitoring), Water Pollution topic (SC smart waste), pillar 4.Sustainable tourism (SC intelligent clustering in tourism). It also relates to EUSAIR cross cutting aspect of Strengthening R&D, Innovation and SMEs.
Alpine Space Strategy	.	The project addresses EUSALP pillar 1. Fostering sustainable growth and promoting innovation, topic 1. Developing innovation and research capacity (promoting the highly innovative Smart City SC concept and promoting innovative networking and clustering), pillar 2. Connectivity for all, topic 1. Better overall transport (SC smart transport), pillar 3.Sustainability in the Alps, topic 3.Alpine risk management (SC environmental monitoring).

3.3 C.3.2 How does the project build on available knowledge?

Making a paradigm shift towards the Smart City concept requires enriching existing ICT infrastructures with adequate sensor / actuator modules, smart devices and embedded systems, and building on top of them applications and services to address the Smart City application areas. Openness, flexibility, scalability, heterogeneity, trust of this paradigm shift, are all required, so that it is possible to offer horizontal and vertical interoperability and federation with existing deployments. In this context the city may become not only the object of technology and enforcement but rather an innovation ecosystem capable of providing new work and living scenarios and enhancing entrepreneurship and new company creation. The FP7 SmartSantander and Sense City paradigms drive towards this direction providing the necessary technological background for the Smart City enforcement. The project will utilize the technical knowledge available in the framework of these two projects as well as similar projects in the area of Smart City testing and experimentation, in order to deliver its testing and experimentation

activities. Technological evolutions including Living Labs, Open Data, Internet of Things and Services, Future Internet, Big Data, Micro and Nano-sensors and devices will also be taken into account in the pilot project deployment. Furthermore, the project will accomplish testing and experimentation by upgrading existing innovative MED area clusters and interlinking quadruple helix actors with them. This approach will make possible the involvement of different city actors coming from academia, business, citizens and public city authorities, so that the appropriate city authority and citizen pull can be generated, match with the already existing technology pull, and enhance the Smart City market. A City Innovation Strategy change will ensure the aforementioned paradigm shift sustainability fed by the innovation ecosystem created.

3.4 C.3.3.a What are the synergies with past or current EU and other projects or initiatives the project makes use of?

Project builds on top of quite successful FP7 SmartSantander project. It proposed an experimental facility in support of typical applications and services for a smart city. This facility is sufficiently large, open and flexible to enable horizontal and vertical federation with other facilities and development of new applications experimenting with IoT technologies. It presents a scalable, heterogeneous and trustable large scale real world paradigm, its architecture heavily relying on existing components. It provides the possibility for the scientific community, end users and service providers to experiment with applications and services enhancing smartness of cities. SmartSantander sustainability plan foresees a change in Innovation Policy, so that deployed infrastructure is taken into account in future calls for tender and Smart City concepts are integrated in public procurements. The project builds on top of SmartSantander ideas and proceeds with pilot deployments in MED area focusing on specific application Smart City concept areas and creating the necessary innovation ecosystem upgrading existing innovation clusters and networking with different actors of the quadruple helix.

The project builds also on the expertise of Sense-City that utilizes micro and nano-sensors, physical models, data management and representation to feed decision support tools for a range of Smart City applications such as Environmental Quality, Eco-building and Ecodistrict, People exposure and Health, Infrastructure and network durability. The Sense-City ideas will influence the Feasibility Report deliverable of the project.

The initiatives undertaken by the TUBA associated in Lyon, France will also influence the approach of the project, involving citizens/end users in testing and experimentation actions of highly innovative applications and services of the Smart City range.

Flexgrid project will be also exploited relevant to pilot deployment, as well as FLF project certified with Greentech Verte label.

3.5 C.3.3.b. List of synergies.

	Programme and period	Project (Acronym)	Deliverable	Description – Linkage with the expected new project deliverables/outputs

1	FP7-ICT 2009-2013	SMARTSANTANDER	Final Architecture Specification	The SmartSantander architecture will influence the project feasibility study as the project requirements for openness, flexibility, and experimentation by end-users / technology vendors is in line with the SmartSantander principles. The different characteristics of the pilot deployments during this project, such as existing infrastructure and anticipated applications, will require an adequate mapping of the SmartSantander architecture.
2	FP7-ICT 2009-2013	SMARTSANTANDER	Final testbed manual	The SmartSantander testbed manual will influence the Methodology for Testing and Demonstration of the project. The manual provides the general guidelines for the use of the deployed infrastructure both for testing and demonstration purposes of applications and services of the Smart City concept, as well as for the Experimentation of end-users and technology vendors on new applications and services.
3	FP7-ICT 2009-2013	SMARTSANTANDER	Final Sustainability and Exploitation Plan	The SmartSantander Sustainability and Exploitation Plan proposes a territorial strategy change with reference especially to Innovation Policies, so that the deployed infrastructure remains up and running and is possible to withstand needed maintenance and upgrade costs. This strategy change, related to calls for tenders for future applications and services, will influence the project Sustainability Activity and will be promoted towards the participating territories.

4. C.4 Horizontal principles and evaluation

4.1 C.4.1 Please indicate which type of contribution to horizontal principles applies to the project, and justify the choice.

	Type of contribution	Description of the effect
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Sustainable development	positive effects	The project focuses on the Smart City sub theme and the application areas of intelligent districts and smart energy, and smart lighting. It thus helps address more efficient use of resources so that human needs are met without undermining natural system integrity and stability. Its pilot project will demonstrate Smart City concepts and how associated innovation can enhance Green Growth, a sector of high development potential for MED. In this context, the project positively affects Sustainable development. Further to its core idea, supporting MED area sustainability, the project will avoid printing wherever possible, and especially with reference to communication strategy will focus on digital content rather than printed material.
Equal opportunities and non-discrimination	neutral	The project concept indirectly promotes equal opportunities and non-discrimination, as the Smart City concept targets a paradigm shift towards a city as an innovation ecosystem, where knowledge is recognized as the main asset of citizens and where everybody can thus have equal opportunities. Furthermore the transnational project partnership will build the project team without any discrimination because of race, color, national or ethnic origin, age, religion, disability, sex, sexual orientation, gender identity and expression, or any other characteristic protected under applicable laws.
Equality between men and women	neutral	The project concept indirectly promotes equal opportunities and non-discrimination, as the Smart City concept targets a paradigm shift towards a city as an innovation ecosystem, where knowledge is recognized as the main asset of citizens and where everybody can thus have equal opportunities. Furthermore the project partnership will build the project team without any discrimination because of sex, sexual orientation, gender identity and expression. It will promote neutral language in all project material and communication.

4.2 C.4.2 Please indicate which type of evaluation is foreseen and justify the choice.

	-	Type of evaluation	Timeframe
Does the project foresee an evaluation?	Yes	mixed	on-going

Please, describe the process of evaluation and how results will be taken into consideration

The project foresees a mixed evaluation system. The internal evaluation will be performed by the project Steering Committee (SC) assisted by the project monitoring and evaluation system that will enable the monitoring of the project progress, the timely and efficient implementation of its activities and deliverables. The project Internal Communication System and the project Quality Assurance Plan provide the necessary tools for assisting the SC in evaluating the project efficiency. Further to internal evaluation that is on-going, an External Evaluator will be appointed by the LP. The External Evaluator will perform a mid-term project evaluation and a final project evaluation based on a Monitoring Form that will be formulated according to

guidelines provided by the Programme. The external evaluation along with the internal evaluation will provide good indications on the project efficiency.

5. C.5 Work plan

5.1 C.5.1. Detail of work packages (Automatically filled in)

0 Preparation costs

1. Description of work package

Type of WP	Testing			M2
WP number	Type of WP	Starting date	Ending date	Amount
0	Preparation costs	02-2018	02-2018	30,000.00 €
Partners				
Participating partner	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)			
	Energy Agency of Granada			
	Energy and Environment Agency of Arrábida			
	Athena Research and Innovation Center			
	Capenergies			
	City Development Agency East Sarajevo			
	Metropolitan City of Milan			
	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria			
	REGION OF WESTERN GREECE			
Description of the work package				

WPO is relevant to the project preparatory activities. It comprises all activities related to the project preparation, which include the setting up of the project partnership, the participation of different project partners in MED information events, the preparation of the project Application Form and the finalization of the technical and financial details of the proposal. The different project partners worked closely with the LP for the compilation of the proposal, identifying their different interests, discussing them against the stated project objectives and specifying their anticipated roles. LP with the assistance of PP ATHENA drafted the proposal so that the different inputs of the PPs were coherently integrated.

2. Activities and deliverables

0.1	Project Preparatory Activities		Starting month	02-2018	Ending month	02-2018
	Type of activities	Preparing and submitting a project proposal	Target group			
	Description		-			

1 Project management

1. Description of work package

Type of WP	Testing			M2
WP number	Type of WP	Starting date	Ending date	Amount
1	Project management	02-2018	07-2020	596,500.00 €
Partners				
Responsible partners				
Participating partner	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria			
	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)			
	Energy Agency of Granada			
	Energy and Environment Agency of Arrábida			
	Athena Research and Innovation Center			
	Capenergies			
	City Development Agency East Sarajevo			
	Metropolitan City of Milan			
	REGION OF WESTERN GREECE			
	National Institute of Applied Science			
Description of the work package				

The Subsidy Contract (SC), Application Form (AF) along with Program documents constitute the operational basis of the project. The roles of the LP and PPs are individuated in these documents. LP is responsible for PP coordination and overall efficient and timely project implementation according to the obligations deriving from SC and in compliance with the AF. LP maintains relationship and communication with MA/JS.

At operational level, LP handles day-to-day management, via a Project Management Team (PMT) comprising Project Manager (PM), Financial Manager (FM) and Communication Manager (CM); each PP appoints project and financial coordinator for PP technical, financial and reporting activities. PMT coordinates, guides and monitors PPs in their implementation of the project.

At strategic level Technical (TC) and Steering (SC) Committee are in charge of the project strategic coordination and monitoring. SC, led by PM, comprises one representative per partner, represents the ultimate decision making body of the project, supported by the project monitoring and evaluation system, and enforcing quality assurance procedures, resolves disputes, identifying and mitigating risks. TC is composed by PMT and PP coordinators, plans activities and monitors implementation, submitting reports to SC for approval.

PM is responsible for day-to-day communication with PPs, setting up of a project intranet for information sharing and utilizing most appropriate communication tools (e-mail, live messenger, teleconference, phone, face to face meetings).

FM is responsible for project financial management and coordination. PP financial coordinator organizes FLC on a regular basis, complying with national rules, prepares and sends PP FLC-certified progress reports to FM, who in turn produces overall project expenses claims to JTS via PRESAGE-CTE. Monitors project financial progress and manages ERDF transfer to PPs.

2. Activities and deliverables

1.1	Set up project management structure		Starting month	02-2018	Ending month	05-2018
	Type of activities	Setting up common methodologies for actions	Target group			
	Description		Initial set up of the project management structure of LP and PPs, set up of the project management structures and bodies and identification of the procedures needed for the efficient and sound technical and financial management and coordination of the project, the FLC procedures, the periodic reporting procedures as well as internal communication procedures and tools guaranteeing successful project implementation. Preparation of a Project Operational Manual to be followed throughout the project.			
Deliverable number	Deliverable title		Type of deliverable	Target value	Finalisation month	Indicative budget

1.1.1	Project Operational Manual		Tool	1 Unit produced	05-2018	15,250.00 €
	Description		The Project Operational Manual comprises the different procedures to be followed throughout the project duration.			

1.2	Technical and Financial Project Coordination and Management		Starting month	02-2018	Ending month	07-2020
	Type of activities	Managing administrative and financial issues	Target group			
	Description		A1.2 relates to efficient project implementation, through technical and financial coordination and management. Starting from project legal binding documents, LP and PPs supported by project management structures, will proceed in the project activities implementation producing anticipated results in a timely and resource efficient manner. Project intranet (Internal Communication Tool) for information exchange will be set up and different communication channels will be utilized comprising regular six month physical meetings. A1.2 undertakes Day-to-Day technical and financial coordination and management, communication and exchange of information among partners, reporting and FLC validation, progress reporting, payment claim and reimbursement.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.1	Quality Assurance Plan	Method	1 Unit produced	06-2018	25,279.00 €
	Description		The project Quality Assurance Plan details the quality and risk management strategy of the project.		

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.2	2nd SC Meeting	Meeting	2 Unit produced	09-2018	34,923.50 €

	Description	The 2nd SC Meeting will be organized by RWG in Patras, Greece. All partners participate.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.3	3rd SC Meeting	Meeting	2 Unit produced	02-2019	34,932.50 €
	Description	The 3rd SC Meeting will be organized by MMC in Milan, Italy. All partners participate.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.4	4th SC Meeting	Meeting	2 Unit produced	07-2019	38,466.00 €
	Description	The 4th SC Meeting will be organized by APEGR in Granada, Spain. All partners participate.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.5	5th SC Meeting	Meeting	2 Unit produced	02-2020	39,633.50 €
	Description	The 5th SC Meeting will be organized by RAIS in Sarajevo, B&H. All partners participate.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.6	6th SC Meeting	Meeting	2 Unit produced	06-2020	37,992.50 €
	Description	The 6th SC Meeting will be organized by Capenergies in Aix en Provence, France. All partners participate.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.7	1st Payment Claim	Method	1 Unit produced	11-2018	48,313.50 €
	Description	First period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.8	2nd Payment Claim	Method	1 Unit produced	05-2019	48,313.50 €
	Description	Second period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.9	3rd Payment Claim	Method	1 Unit produced	11-2019	48,313.50 €
	Description	Third period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.10	4th Payment Claim	Method	1 Unit produced	05-2020	48,313.50 €
	Description	Fourth period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.11	5th Payment Claim	Method	1 Unit produced	07-2020	48,313.50 €
	Description	Fifth period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables. Delivery date after the project finalization.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.2.12	Final Report	Method	1 Unit produced	07-2020	49,314.00 €
	Description	Overall technical results and outcome of the project and overall financial data. Delivery date after the project finalization.			

1.3	Project Monitoring and Evaluation		Starting month	02-2018	Ending month	07-2020
	Type of activities	Evaluating the project	Target group			
	Description		The Monitoring and Evaluation activities of the project last throughout the project duration and are mixed, performed by both the project partnership and an external expert. For this purpose a Monitoring Form will be drafted from the “methodological tools for the preparation and implementation of MED projects”, and will be used during project monitoring meetings.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
1.3.1	M2 Fnal Monitoring Form	Data	1 Unit produced	07-2020	14,958.50 €
	Description	Final Assessment of the project progress on predefined key points and proposal of potential adjustments for project finalization			

2 Project communication

1. Description of work package

Type of WP	Testing			M2
WP number	Type of WP	Starting date	Ending date	Amount
2	Project communication	02-2018	07-2020	741,920.00 €
Partners				
Responsible partners				
Participating partner	Athena Research and Innovation Center			
	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria			
	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)			
	Energy Agency of Granada			
	Energy and Environment Agency of Arrábida			
	Capenergies			
	City Development Agency East Sarajevo			
	Metropolitan City of Milan			
	REGION OF WESTERN GREECE			
	National Institute of Applied Science			
Description of the work package				

<p>Communication strategy aims at providing a consistent internal and external communication in order to accomplish the project main and specific objectives, share, disseminate and guarantee access to project outputs and results throughout project lifetime, as well as involve local, regional, national, MED area, and EU stakeholders. In this context it will comprise a message that will be positive, clear, concise, focused, interesting, adaptable to different target audiences. This message will be conveyed by all project communications following an approach characterized by coherence, proactivity, openness, credibility, audience involvement, accuracy and timeliness, repetition through varying mechanisms, tailoring to audience needs, participation and reaction.</p> <p>Communication strategy will be consistent at three levels: project level (towards target groups), thematic community / horizontal projects level (actively participating and increasing project visibility in the thematic community), and transnational / programme level (actively participating in Programme media communication and making the project visible at MED and EU level). Communication and media strategy will be defined at the project start and followed throughout its lifetime. Innovative content will be created (infographics, cinemagraphs, videos) and continuously feed social media networks. Events will be promoted via video coverage and livestreaming to social media and website. Traditional media will be also utilized as well as magazine articles and printed material (flyers, posters, a "Guide"). One person will be dedicated to update MED communication and the MED website and social media with high quality content. One communication manager and one technical person will be dedicated to HP communication in an effort to produce homogenized results. Project will participate in MED and HP events. Capenergies being an Associated Partner to SYNGGI HP will facilitate the overall communication at HP level.</p>
<p>Justification</p>
<p>ISI will lead WP2, yet different partners will be allocated with specific communication roles.</p> <p>LP will be responsible for efficient internal communication strategy using a special web enabled internal communication tool and guaranteeing internal updating on all communication activities.</p> <p>ISI will utilize external expertise for determining and implementing the overall communication and media strategy to be followed throughout the project lifetime. This strategy will be based on the utilization of innovative content (videos, infographics, cinemagraphs) rather than traditional printed material (only brochures, posters and the Guide). This content will be promoted via Facebook, LinkedIn, Pinterest, YouTube. Twitter will be an additional tool.</p> <p>2 transnational campaigns on Facebook and Google Ads will be undertaken by PP1 and Capenergies to maximize content impact.</p> <p>Project launch and final conference will be livestreamed while media coverage will be also provided for project workshops.</p> <p>ISI will be responsible for MED communication. A person will be dedicated to this task providing carefully selected content to the MED site. Participation in 3 MED events is envisaged for all consortium.</p> <p>Coordination with SYNGGI (Green Growth HP) is allocated to Capenergies being SYNGGI Associated Partner and thus ensuring smooth communication with the project. A communication manager and a technical person will be dedicated to this communication so that the overall results are harmonized. Participation of whole consortium is envisaged in 4 HP events, and of a few partners in 2 HP Small Scale events. The project will seek co-organization of 2 events with other modular projects. For communication and transferring purposes the project will participate in HP organized Open Days in Brussels and HP Cluster Training Seminar (analyzed in WP4).</p> <p>Finally, participation in two Study Visits in Cologne and Copenhagen is envisaged providing project information and learning on successful experiences there.</p>

2. Activities and deliverables

2.1	Coordinating Project Communication		Starting month	02-2018	Ending month	07-2020
	Type of activities	Coordinating the WP	Target group		Other	
	Description		The activity is related to the overall coordination of the communication activities of the project. ISI is responsible for the activity.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.1.1	Communication Coordination	Method	1 Unit produced	07-2020	4,197.50 €
	Description		Overall coordination of the communication activities of the project		

2.2	Internal Communication Strategy		Starting month	02-2018	Ending month	07-2020
	Type of activities	Delivering information	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other	

	Description		Supporting project internal communication is critical for its successful implementation ascertaining that all communication activity information is communicated effectively. For this purpose project will utilize a special web enabled project internal communication tool, like Bitrix24, offering such features as social intranet, activity stream, conversations, announcements, workflows, integration with social media, and embedding such applications as mailing lists, sticky notes, document management. Project consortium on one hand and networked quadruple helix Smart City community on the other will have accurate, updated and timely information related to the project implementation and results. LP (ABREG) is responsible for the activity.			
2.3	Communication and Media Strategy		Starting month	02-2018	Ending month	06-2020
	Type of activities	Setting up common methodologies for actions	Target group		Other	
	Description		An external specialized consultant will be selected to deliver the project Communication and Media Strategy that will be active for the entire project duration to assure consistency and strength of the message to be transmitted throughout the project and visibility and raise awareness towards relevant target groups. Emphasis will be placed on novel communication strategies of high influence ensuring a long term, deep and concrete impact of the project activities and results on all diverse targeted groups including the citizens / wider public, public authorities, academia / research world, SMEs and businesses, and innovation clusters. ISI is responsible for the activity. The target group of the activity is the project consortium.			
2.4	Creation of Content		Starting month	03-2018	Ending month	07-2020

	Type of activities	Delivering information	Target group	Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public
	Description		Content is critical for the successful communication of the project message to its targeted audiences. An external media / social media consultant will be selected by the project to assist the creation of innovative high impact content comprising selection of photos, at least 3 project videos, infographics, cinemagraphs, creation of a Facebook page with continuously updated content, presence at Linked-in, Pinterest, Twitter, YouTube. Project generated information will thus be encapsulated into high impact content and effectively conveyed towards project target groups, ascertaining an effective and lasting communication for the project. ISI is responsible for the activity.	

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.4.1	Project Digital Content (newsletters, story telling, videos, cinemagraphs, infographics)	Digital or written communication	150 Unit produced	07-2020	32,590.00 €
	Description		Innovative project digital content will be created to appear in different social media networks and in the MED website. Updates of content in the website and the project social media networks will be conducted in a regular basis		

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
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2.4.2	Green Paper on Innovation Policy Change Graphical Enhancement (Guide)	Digital or written communication	200 Unit produced	02-2020	13,380.00 €
	Description		The “Green Paper on Innovation Policy Change”, a major project output will be graphically enhanced, enriched with infographics, made digitally available and printed in 200 copies.		

2.5	Content Campaign		Starting month	03-2018	Ending month	06-2020
	Type of activities	Delivering information	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public	
	Description		Two transnational campaigns will be launched related to the project innovative content leading to effective project dissemination. Facebook and Google Ads will be utilized to this end. Capenergies is responsible for both campaigns supported by WP2 responsible and LP. The aim will be to reach a broad audience of at least 27.000 people (general public) and SMEs, clusters and academia members. A certain external specialist will guide the consortium on how, when and where (which countries) to implement these major social media campaigns.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.5.1	Transnational Campaigns	Digital or written communication	2 Unit produced	06-2020	50,875.00 €

	Description		Two transnational campaigns will be launched related to the project innovative content leading to effective project dissemination. Facebook and Google Ads will be utilized to this end. Capenergies is responsible for these deliverables.			
2.6	External Communication Activities		Starting month	03-2018	Ending month	06-2020
	Type of activities	Exchanging information	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public	
	Description		2 high level conferences will be organized: one at project start, aiming at presenting the project scope/objectives, steering interest of the Smart City quadruple helix actors and a second at project finalization presenting the project achievements/results. Both events will be livestreamed. Subtitled video coverage, video reports, promotion via media/social media and the website (Fb, uTube, Pinterest, Twitter), interviews will occur. Press kits will be prepared for journalists. Press releases will follow. Project Launch conference will be organized by the LP adjacent to Kick Off meeting (Pescara Italy). Final conference will be a responsibility of Capenergies (Aix-en-Provence) adjacent to the 6th SC meeting.			
Deliverable number	Deliverable title		Type of deliverable	Target value	Finalisation month	Indicative budget
2.6.1	Project Final Conference report		Public / political event	1 Unit produced	06-2020	39,900.00 €

	Description		The project final conference will be organized by Capenergies at Aix-en-Provence. It will be attended by all partners and external experts. It will provide a dissemination of project outputs achieved.			
Deliverable number	Deliverable title		Type of deliverable	Target value	Finalisation month	Indicative budget
2.6.2	Livestreaming and 2 sets of video reports		Public / political event	2 Unit produced	06-2020	10,000.00 €
	Description		Livestreaming will be organized and the events will be broadcasted via all online channels of the project. Video reports' sets will be also created and be visible in all monitors inside the conference venue			
2.7	Printed Material		Starting month	03-2018	Ending month	06-2020
	Type of activities	Delivering information	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public	
	Description		The activity implements the graphical identity of the project and produces limited printed material to its target groups: i.e. project folder, brochure, posters and roll-ups. The project focuses primarily on digital innovative communication being more effective than printed material. Project printed material is envisaged to be used at different project communication opportunities.			

2.8	Press and Traditional Media Appearances		Starting month	03-2018	Ending month	07-2020
	Type of activities	Delivering information	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public	
	Description		Ten project related articles will appear on thematic magazines presenting project results and achievements and contributing to the Smart City wider promotion. Press conferences and kits will be organized and prepared during the project 2 conferences.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.8.1	Article in Thematic Magazine	Digital or written communication	8 Unit produced	07-2020	25,755.00 €
	Description		10 articles will appear on thematic magazines		

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.8.2	Press conference reports	Press conference	1 Unit produced	06-2020	3,000.00 €
	Description		2 press conferences will be organized during the conferences and stakeholders will be invited to speak about the project		

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.8.3	Press Kits	Press conference	10 Unit produced	06-2020	3,000.00 €
	Description		Press kits with project content will be prepared and distributed to the journalists during the 2 major conferences		

2.9	Coordination with the Interreg MED Programme communication strategy		Starting month	02-2018	Ending month	07-2020
	Type of activities	Contributing to Programme communication activities	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other	
	Description		To ensure effective coordination with MED programme communication strategy 1 person will be dedicated at project level. Carefully selected content that is already produced by the project will be regularly uploaded on the MED programme web site. Such content comprises videos, infographics, success stories, summaries, newsletters, calendar of events, geo-localization event map etc. All project partners will participate in 3 MED programme events. ISI is responsible for the activity.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
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2.9.1	Kick off meeting	Meeting	1 Unit produced	03-2018	35,766.00 €
	Description	The kick off meeting will be organized by the LP in Pescara, Italy. All partners participate.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.9.2	2nd SC Meeting	Meeting	2 Unit produced	09-2018	34,923.50 €
	Description	The 2nd SC Meeting will be organized by RWG in Patras, Greece. All partners participate.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.9.3	3rd SC Meeting	Meeting	2 Unit produced	02-2019	34,932.50 €
	Description	The 3rd SC Meeting will be organized by MMC in Milan, Italy. All partners participate.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.9.4	4th SC Meeting	Meeting	2 Unit produced	07-2019	38,466.00 €
	Description	The 4th SC Meeting will be organized by APEGR in Granada, Spain. All partners participate.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.9.5	5th SC Meeting	Meeting	2 Unit produced	02-2020	39,633.50 €

	Description	The 5th SC Meeting will be organized by RAIS in Sarajevo, B&H. All partners participate.
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Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.9.6	6th SC Meeting	Meeting	2 Unit produced	06-2020	37,992.50 €
	Description	The 6th SC Meeting will be organized by Capenergies in Aix en Provence, France. All partners participate.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.9.7	MED Programme Event / Meeting Participation	Meeting	3 Unit produced	05-2020	69,983.00 €
	Description	Participation of all partners in MED Programme Events / Meetings (3)			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.9.8	Provision of Information to MED Programme	Provision of information and data	3 Unit produced	05-2020	23,000.00 €
	Description	Carefully selected project content provided to MED programme. 1 person dedicated. ISI responsible partner for this.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.9.9	Study Visit in Cologne	Meeting	1 Unit produced	07-2018	27,212.50 €

	Description	All partners participate in Study Visit, related to IoT and smart metering infrastructure and applications. A small scale training course will take place so as for the Consortium to share the experiences of these important institutions				
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget	
2.9.10	Study Visit in Copenhagen	Meeting	1 Unit produced	09-2018	27,212.50 €	
	Description	All partners participate in Study Visit. Study visit related to intelligent district and smart energy				
2.10	Synergies with the Green Growth Community		Starting month	02-2018	Ending month	07-2020
	Type of activities	Coordinating with Horizontal projects communication and capitalisation activities	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other	

	Description	To ensure effective collaboration with SYNGGI Green Growth HP, 1 COM Manager and 1 Technical Expert will be dedicated at project level, aiming at homogenized results and facilitating broader audience reach, sharing stakeholder lists, data, success stories. Capenergies, already SYNGGI Associated Partner, leads the activity assisting the project achieve a fruitful communication flow with the community. All project partners will participate in the 4 transnational events of HP. Project will attempt to participate in at least 2 events of other modular projects (contribution in resources, stakeholders, content). The project will participate in the 2018, "Open Days" (Brussels) organized by the HP as well as in the 2 HP Cluster Training Seminars.
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Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.10.1	HP Transnational Event Participation reports	Meeting	3 Unit produced	07-2020	97,380.00 €
	Description	All partners participate in HP 4 Transnational Events			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.10.2	Participation in 2 HP / modular projects events reports	Meeting	1 Unit produced	07-2020	12,750.00 €
	Description	Various partners can participate in at least 2 events scheduled by HP and other modulars of the Green Growth Community aiming at joint synergies			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
2.10.3	Information to Horizontal Project	Provision of information and data	2 Unit produced	07-2020	92,000.00 €

	Description	1 Communication Manager and 1 Technical expert dedicated to this, in an effort to harmonize results with the community and maximize overall impact				
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget	
2.10.4	Modular synergy event participation report	Meeting	2 Unit produced	07-2020	34,270.00 €	
	Description	Project co-organizes 2 events with other modulares. Synergies will be agreed with the overall Community				
2.11	Diffusion of information beyond Programme area		Starting month	03-2018	Ending month	07-2020
	Type of activities	Transferring knowledge / know-how / expertise	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other	
	Description		The project will participate in certain activities beyond the programme area. More specifically it will participate in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark. The purpose of the Study Visits is both to communicate the project scope and outputs as well as learn from successful experiences in these areas; the IoT and smart metering infrastructures in Cologne and smart energy and intelligent district deployments in Copenhagen. It will also participate in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels.			

2.12	Smart City Networked Community		Starting month	04-2018	Ending month	07-2020
	Type of activities	Networking	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other	
	Description		The purpose of the activity is the establishment of a "Smart City Networked Community" networking all relevant stakeholders of the quadruple helix. The activity is led by Capenergies and all partners participate. Capenergies addresses the overall networking effort with 2 challenges: to upgrade existing innovative clusters in the area with reference to the Smart City theme, and to network these clusters with other relevant quadruple helix actors , establishing a networked community in an effort to assist common understanding and harmonize activities. A Network Chapter is signed side the 2nd SC Meeting.			

3 Testing

1. Description of work package

Type of WP	Testing			M2
WP number	Type of WP	Starting date	Ending date	Amount
3	Testing	04-2018	11-2019	749,374.00 €
Partners				
Responsible partners				
Participating partner	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria			
	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)			
	Energy Agency of Granada			
	Energy and Environment Agency of Arrábida			
	Athena Research and Innovation Center			
	Capenergies			
	City Development Agency East Sarajevo			
	Metropolitan City of Milan			
	REGION OF WESTERN GREECE			
	National Institute of Applied Science			
Description of the work package				

<p>WP aims at testing Smart City (SC) concept in partner areas, led by PoliMi. Testing challenges are: (i) increasing the level of innovation in MED cities by enriching city infrastructure via smart devices, embedded systems and sensor/actuators, and deployment on top of this of innovative applications/services creating missing end-user pull for highly innovative SC sub theme, and (ii) enhancing innovation potential of SMEs in the area networked by the project in the Smart City MED community and participating in Capacity Building interventions allowing them to utilize Smart City infrastructure as test bed for innovative applications/services. A missing piece in the overall puzzle is infrastructure sustainability (how to keep deployed infrastructure and services up and running after a deployment project ends) requiring policy changes at local/regional level. To meet both challenges it elaborates a Feasibility Study, a Methodology for Testing on methodological approach to be followed and a Pilot Deployment Operational Plan Framework developed on diversities and openness requirements of each site. Transnational Pilot deployments will be undertaken in application area with test sites in Lyon, Pescara, Sarajevo, Milan, West Greece, Mortil and Setubal. Study visits envisaged in WP2 will empower the pilot functional specification. INRIA jointly with PoliMi will be responsible for the overall supervision of pilot. Finally, a Green Paper on Innovation Policy Change will be drafted taking into account lessons learned during Testing and proposing policy changes for addressing sustainability questions. RWG will be responsible for this activity.</p>
<p>Justification</p>
<p>WP addresses the problem of MED area lagging behind EU average in terms of innovation. It deals with highly innovative Smart City sub-theme upgrading existing innovation clusters in the area to address its challenges and creating a networked community of relevant quadruple helix actors. Exposing innovative SMEs in transnational activities, e.g. transnational pilot deployments and capacity building, will enhance overall MED innovation capacity. On the other hand pilot deployments will drive towards creating the missing public authority / end user pull for Smart City concept being primarily technology pushed, widening the relevant market. Testing WP will produce a Feasibility Study, Methodology for Testing and Operational Plan Framework that will detail the project response to the challenges posed as refined in the context of application cases and transnational pilot sites selected. The sites comprise smaller and larger cities, academic and public buildings, public city lighting, intelligent districts and living labs, offering through their diversification a genericity that would be valuable when replication of the project results is expected. The WP structure also serves this need comprising preparatory activities setting the methodological framework for testing, then proceeding in the pilot deployment, and finally utilizing the lessons learnt to draft a Green Paper on Innovation Policy Change. This last deliverable will detail the policy elements in need of change in the MED area in order for a more sustainable Smart City paradigm to be possible. All four, Feasibility Study, Methodology for Testing, Operational Plan Framework and Green Paper will be transferred towards the different actors of the networked community of the project, especially SMEs through the partner clusters, and regional and local authorities for capitalization and policy change. By widening the Smart City market, pilot deployments will serve the overall MED area Green and Sustainable Growth.</p>

2. Activities and deliverables

3.1	Testing Coordination		Starting month	04-2018	Ending month	11-2019
	Type of activities	Coordinating the WP	Target group		Other	
	Responsible partner		Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria			

	Participating partners / Involvement	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	Important
	Location of the activities	Milano, Milan Lombardy Italy	
	Description	The responsible WP partner will guide the partnership in implementing the pilot project activities, monitoring the implementation of the WP activities, managing deviations or difficulties and, in case of significant ones, looking for solutions through the established project management structures. PoliMi is responsible partner for the WP coordination.	

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
3.1.1	Testing Coordination	Method	1 Unit produced	11-2019	5,750.00 €
	Description	Monitoring of activities and management of deviations or difficulties stressed during their implementation			

3.2	Testing Preparatory Activities		Starting month	04-2018	Ending month	07-2018
	Type of activities	Preparing pilot activities	Target group	Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other		

	Responsible partner	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	
	Participating partners / Involvement	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	Important
		Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Important
		Energy Agency of Granada	Important
		Energy and Environment Agency of Arrábida	Important
		Athena Research and Innovation Center	Important
		Capenergies	Important
		City Development Agency East Sarajevo	Important
		Metropolitan City of Milan	Important
		REGION OF WESTERN GREECE	Important
		National Institute of Applied Science	Important
Location of the activities	BOSNIA AND HERZEGOVINA, Bouches-du-Rhône, Isère, Αχαΐα (Achaía), Pescara, Milano, Área Metropolitana de Lisboa, Granada,		

	Description	Testing Preparatory Activities aim at appropriately preparing project pilot deployments. A project Feasibility Study will be elaborated consisting of a Requirements Analysis part detailing the general requirements of pilot implementations, a technological State of the Art part identifying available technologies and components, and a Functional Specification part detailing the general specifications of the pilot deployments. Furthermore, a Methodology for Testing will be elaborated detailing the methodological approach to be followed. Pilot Deployment Operational Plan Framework will take into account diversity of each pilot site and openness requirements enabling experimentation by innovative SMEs.
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Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
3.2.1	Feasibility Study	Preliminary study	1 Unit produced	05-2018	64,260.00 €
	Description	A project Feasibility Study will be conducted focusing on intelligent districts, smarter energy and lighting application areas, detailing User Requirements, available Technological solutions and drawing Functional specifications.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
3.2.2	Methodology for Testing	Preliminary study	1 Unit produced	06-2018	64,260.00 €
	Description	The project Methodology for Testing will be detailed. Testing cases and indicators for the evaluation of their impact for intelligent districts, smart energy and lighting application cases will be specified.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
3.2.3	Pilot Deployment Operational Plan Framework	Preliminary study	1 Unit produced	07-2018	49,725.00 €

	Description		Operational Plan of the transnational pilot activity, detailed for each site and based on Project Feasibility Study and Methodology for Testing, takes into account specific diversities and openness requirements of involved sites.			
3.3	Pilot Testing		Starting month	09-2018	Ending month	07-2019
	Type of activities	Testing (processes, techniques, models, tools, methods and services)	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other	
	Responsible partner		National Institute of Applied Science			
	Participating partners / Involvement		Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria		Important	
			Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)		Important	
			Energy Agency of Granada		Important	
Energy and Environment Agency of Arrábida			Important			
Athena Research and Innovation Center			Important			

		Capenergies	Minimum
		City Development Agency East Sarajevo	Important
		Metropolitan City of Milan	Important
		REGION OF WESTERN GREECE	Important
	Location of the activities	BOSNIA AND HERZEGOVINA, Isère, Αχαΐα (Achaía), Ηλεία (Ileía), Pescara, Milano, Área Metropolitana de Lisboa, Granada,	
	Description	<p>Activity relates to pilot deployment relevant to smart lighting, smart energy and intelligent district in Pescara (Abruzzo-IT), Mortil (PT), INSA Lyon Engineering School Campus, selected Sarajevo neighborhoods, public buildings in Milan and West Greece, building of PoliMi, buildings in Portugal.</p> <p>Pilot will investigate smarter control and operation of public lighting evaluating impacts, solar street lighting, smart energy metering, IoT for smarter buildings / living labs.</p> <p>Pilot Deployment Operational Plan Framework will be taken into account for pilot deployment.</p> <p>Capacity Building will be organized towards innovative SMEs of the networked community to enhance their innovation addressing pilots as test beds for new applications and services.</p>	
Are economic operators going to be involved in the pilot activities?	No		
Involvement of economic operators			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
3.3.1	Pilot Deployment	Service	9 Unit produced	06-2019	425,169.00 €

	Description		Pilot Deployment Operational Plan Framework will drive transnational pilot deployment in the partner territories. The common approach followed takes into account diversification of pilot sites and proposes common innovative solutions.			
Deliverable number	Deliverable title		Type of deliverable	Target value	Finalisation month	Indicative budget
3.3.2	Pilot Capacity Building		Service	10 Unit produced	07-2019	40,625.00 €
	Description		Capacity Building (CB) relevant to the Smart City concepts and the deployed Pilot will be developed and provided taking in account learnt lessons and aquired knowledge . CB will be offered towards innovative SMEs of the project networked community.			
3.4	Assessment of Pilot projects results		Starting month	09-2019	Ending month	11-2019
	Type of activities	Evaluating processes, techniques, models, tools, methods and services	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other	
	Responsible partner		Energy and Environment Agency of Arrábida			
	Participating partners / Involvement		Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria		Important	

		Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Important
		Energy Agency of Granada	Important
		Energy and Environment Agency of Arrábida	Important
		Athena Research and Innovation Center	Important
		Capenergies	Important
		City Development Agency East Sarajevo	Important
		Metropolitan City of Milan	Important
		REGION OF WESTERN GREECE	Important
		National Institute of Applied Science	Important
		Location of the activities	BOSNIA AND HERZEGOVINA, Bouches-du-Rhône, Isère, Αχαΐα (Achaïa), Pescara, Milano, Área Metropolitana de Lisboa, Granada,

	Description	<p>The activity will be carried out at two level:</p> <p>Regional working groups (composed by partners and stakeholders) evaluate the impact of tested interventions in involved destinations by comparison between the pre and post pilot benchmark, and report the achieved results and faced critical issues in the pilot project.</p> <p>During a side to 4th SC&TC meeting workshop in Granada a project working group develops a framework of Green Paper for Innovation Policy Change and the methodology how to gather and summarize the above reports in order to obtain the project proposals for policy improvement/change of existing policies, strategies and structures in the partner territories and beyond.</p> <p>A written procedure among partners releases the Green Paper.</p>
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Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
3.4.1	Green Paper for Innovation Policy Change	Report	1 Unit produced	11-2019	71,015.00 €
	Description	<p>Green Paper for Innovation Policy Change will detail the project proposals for policy improvement / changes in the partner territories existing policies, strategies and structures, so that the sustainability of the project results is ascertained.</p>			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
3.4.2	Testing and evaluation of pilot activity reports	Report	1 Unit produced	10-2019	27,570.00 €
	Description	<p>The pilot activities will be evaluated and a report will be elaborated. The achieved results as well as critical issues faced will be described in the report. The impact of the pilot activities on the involved sites will be evaluated and reported.</p>			

3. Main outputs

Main project output		Description	Quantity	Ending month	Output indicator
Output 3.1	Enhancement of innovative potential of SMEs	Capacity building will be offered in the framework of testing, relevant to the pilot activities and the resulting pilot cases. This capacity building will mainly involve 40 innovative SMEs, members of the networked Smart City community in the framework of the project. The main objective of the capacity building is the utilization of the quite innovative pilot deployments as test beds for deployment by the SMEs of new applications / services. In this context innovation potential of SMEs is enhanced, assisting the overall MED area innovation enhancement. In this context it contributes to project SO 2	40 Entreprises	07-2019	Number of enterprises receiving non-financial support
Output 3.3	Green Paper on Innovation Policy Change	Taking into account Lessons Learned from Pilot Activities a Green Paper for Innovation Policy Change in the MED Area will detail the necessary strategies that need to be reinforced in partner territories so that the sustainability of the project outcome is ascertained and the Smart City driven innovation paradigm is maintained. The Green Paper structures a set of policy recommendations and investment priorities for innovation enhancement in the partner territories. This set results from the assessment process of the degrees of portability and transferability of developed, adopted and tested tools and methodologies to identify best practices and lessons learned to be adopted in improving the implementation of regional policies and programmes addressed to carry out, manage and promote innovation. Output contributes to project SO 3.	1 Strategies	11-2019	Number of operational instruments to favour innovation of SMEs

4 Transferring

1. Description of work package

Type of WP	Testing			M2
WP number	Type of WP	Starting date	Ending date	Amount
4	Transferring	12-2019	07-2020	382,206.00 €
Partners				
Responsible partners				
Participating partner	Capenergies			
	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria			
	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)			
	Energy Agency of Granada			
	Energy and Environment Agency of Arrábida			
	Athena Research and Innovation Center			
	City Development Agency East Sarajevo			
	Metropolitan City of Milan			
	REGION OF WESTERN GREECE			
	National Institute of Applied Science			
Description of the work package				

<p>WP aims at transferring project outcome to regional policies and strategies, as well as project acquired knowledge and lessons learned during pilot activities, primarily towards policy makers in partner territories and involved regions and beyond so that an Innovation Policy paradigm shift is possible with reference to the Smart City concept. Main Output of the WP to this end is the adoption of a Smart City Protocol by public authorities in the area. Furthermore, it will transfer outcome towards the networked community created and its quadruple helix stakeholders as well as interlinked existing innovation clusters and their SMEs.</p> <p>Finally, it will enroll into transfer activities at MED Green Growth Horizontal Project level in an effort to harmonize and contribute to the transfer strategy of specific MED Green Growth Modular Projects (MPs) and Horizontal Project.</p> <p>Transferring WP is led by Capenergies, a clustering partner with significant related expertise. All other partners participate in the WP. Overall transfer intervention comprises following actions</p> <ol style="list-style-type: none"> 1. Capacity Building Interventions led by LP, comprising creation of training material for policy makers, 2 transnational and 5 local workshops. Partners RAIS and RWG are responsible for transnational workshop organization 2. HP, Cluster and Network Transfer Activities led by Capenergies, transferring knowledge towards clustered SMEs and networked community and at HP level. At HP level participation in HP Cluster Training Seminar is envisaged. <p>Feedback from all above actions will be utilized for drafting a Smart City Protocol that will be adopted by public authorities, signaling policy paradigm shift. LP is responsible for this activity.</p>
<p>Justification</p>
<p>Making a paradigm shift towards Smarter Cities, may increase the overall innovation potential of MED. Project testing activities may provide evidence for this, yet there is need for transferring this evidence to different target groups, primarily public authorities, local and regional, in order to stir a public authority pull deemed necessary to further develop the Smart City market and enhance innovation capacities in MED.</p> <p>Aforementioned transfer will be primarily achieved through adoption of a Smart City Protocol by Regional and Local Authorities, taking into account project Green Paper for Innovation Policy Change.</p> <p>Capacity Building intervention will be undertaken within and beyond project area, spreading and making acquired knowledge and lessons learned during project pilot activities accessible and exploitable to policy makers and stakeholders.</p> <p>Starting from Green Paper for Innovation Policy Change and its policy change proposals, project partnership will enroll into Capacity Building intervention towards policy makers aiming at explaining Smart City concept and its dynamicity related to innovation support and enhancement, transferring acquired knowledge from pilot activities and presenting suggestions for policy changes. Capacity Building will rely on 2 transnational and 8 local workshops.</p> <p>Innovation clusters will perform transferring activities towards their member SMEs, as well as towards members of the project networked community.</p> <p>HP activities will be utilized for transfer purposes such as HP Cluster Training Seminar participation. The idea is to effectively coordinate with wider transfer strategy at HP level and with other modulars.</p> <p>Feedback from the aforementioned interventions will be gathered in order to identify policy maker suggestions, potential obstacles / barriers, roadmap to follow. This feedback will be used in order to draft along with the policy makers participating a Smart City Protocol detailing the enhancement of city /regional policies.</p>

2. Activities and deliverables

4.1	Coordination of Transfer Activities		Starting month	12-2019	Ending month	07-2020
	Type of activities	Coordinating the WP	Target group		Other	
	Responsible partner		Capenergies			
	Participating partners / Involvement		Capenergies		Important	
	Location of the activities		Bouches-du-Rhône,			
	Description		The responsible WP partner will guide the partnership in implementing the pilot project activities, monitoring the implementation of the WP activities, managing deviations or difficulties and, in case of significant ones, looking for a solution in the framework of the project management structures. Capenergies is responsible partner for the WP coordination.			
Deliverable number	Deliverable title		Type of deliverable	Target value	Finalisation month	Indicative budget
4.1.1	Transferring coordination		Method	1 Unit produced	07-2020	5,750.00 €
	Description		The activity is relevant to the Coordination of Transferring WP, the Capacity Building towards target groups, HP associated transfer activities, and Transfer towards local / regional policies.			
4.2	Capacity Building interventions		Starting month	12-2019	Ending month	03-2020
	Type of activities	Transferring knowledge / know-how / expertise	Target group		Local public authority Regional public authority Business support organisation	
	Responsible partner		City Development Agency East Sarajevo			
	Participating partners / Involvement		Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria		Important	

		Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Important
		Energy Agency of Granada	Important
		Energy and Environment Agency of Arrábida	Important
		Athena Research and Innovation Center	Important
		Capenergies	Important
		City Development Agency East Sarajevo	Important
		Metropolitan City of Milan	Important
		REGION OF WESTERN GREECE	Important
		National Institute of Applied Science	Important
		Location of the activities	BOSNIA AND HERZEGOVINA, Bouches-du-Rhône, Isère, Αχαΐα (Achaïa), Pescara, Milano, Área Metropolitana de Lisboa, Granada,
Description	<p>The capacity building interventions target policy makers in the MED area.</p> <p>Training material will be developed comprising a training plan and training courses related to the knowledge acquired during the project implementation.</p> <p>Two types of capacity building activities are envisaged: 2 transnational training workshops organized by partners RAIS and RWG, and 5 local workshops. Transnational Workshops will be video streamed, live-streamed in order to reach the maximum impact and will be made digitally available through the project related media.</p>		

Deliverable number	Deliverable title		Type of deliverable	Target value	Finalisation month	Indicative budget
4.2.1	"Lessons Learned on Enhancing Innovation through the Smart City concept" Capacity Building Sessions and Material		Training material	1 Unit produced	02-2020	47,488.00 €
	Description		Capacity Building plan and courses manual about acquired knowledge and learnt lessons in developing, testing and assessing the intervention strategies on how to enhance innovation ecosystems through the Smart City concept.			
Deliverable number	Deliverable title		Type of deliverable	Target value	Finalisation month	Indicative budget
4.2.2	Capacity Building Workshops		Tailored event	8 Unit produced	03-2020	146,147.00 €
	Description		2 transnational workshops. 6 local workshops. Transnational workshops participated by all partners and external stakeholders / experts and organized by RAIS and RWG. Local workshops provide training to local stakeholders in the rest partner areas.			
4.3	HP, Cluster and Network Transfer Activities		Starting month	12-2019	Ending month	05-2020
	Type of activities	Transferring tested processes, techniques, models, tools, methods and services	Target group		Local public authority Regional public authority Sectoral agency Infrastructure and (public) service provider Higher education and research SME Business support organisation General public Other	
	Responsible partner		Capenergies			

	Participating partners / Involvement	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	Important
		Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Important
		Energy Agency of Granada	Important
		Energy and Environment Agency of Arrábida	Important
		Athena Research and Innovation Center	Important
		Capenergies	Important
		City Development Agency East Sarajevo	Important
		Metropolitan City of Milan	Important
		REGION OF WESTERN GREECE	Important
		National Institute of Applied Science	Important
		Location of the activities	MED area

	Description	<p>Activity performs transferring activities at different levels and towards different targets</p> <ol style="list-style-type: none"> 1. Towards innovative SMEs of the clusters upgraded in the framework of the project enhancing their activities integrating the Smart City theme 2. Towards the networked community of stakeholders created in the framework of the project 3. At Green Growth community level participating in relevant Horizontal Project Cluster Training Seminar in an effort to harmonize activities with the community and contribute to the elaboration of a common transfer strategy with other modular projects
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Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
4.3.1	Cluster - Networked Community Transfer Activities	Method	1 Unit produced	05-2020	95,358.00 €
	Description	Smart City theme influences internal capacity building offered by partner clusters to its member SMEs. Networked community participates in capacity building and training offered both by clusters and other partners.			

Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
4.3.2	HP Cluster Training Seminar	Method	2 Unit produced	05-2020	50,813.00 €
	Description	Project participates in HP organized Cluster Training Seminar. Anticipated harmonization with the HP and modular projects of the Green Growth community and contribution to a common transfer strategy.			

4.4	Transfer of Policy Recommendations	Starting month	05-2020	Ending month	07-2020
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Type of activities	Transferring tested processes, techniques, models, tools, methods and services	Target group	Local public authority Regional public authority National public authority
Responsible partner		Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	
Participating partners / Involvement		Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	Important
		Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Important
		Energy Agency of Granada	Important
		Energy and Environment Agency of Arrábida	Important
		Athena Research and Innovation Center	Important
		Capenergies	Important
		City Development Agency East Sarajevo	Important
		Metropolitan City of Milan	Important
		REGION OF WESTERN GREECE	Important
		National Institute of Applied Science	Important
Location of the activities		BOSNIA AND HERZEGOVINA, Bouches-du-Rhône, Isère, Αχαΐα (Achaïa), Pescara, Milano, Área Metropolitana de Lisboa, Granada,	

	Description	Development of an adoption plan of policy recommendations, based on the Green Paper for Innovation Policy Change and the feedback gathered during different transfer interventions, in the implementation of local / regional authority policies and especially ERDF ROP measures / actions of the partner territories. Joint drafting of a Smart City Protocol detailing the enhancement of regional / local authority policies relevant to innovation enhancement. Local / regional authority acceptance of the Smart City Protocol.			
Deliverable number	Deliverable title	Type of deliverable	Target value	Finalisation month	Indicative budget
4.4.1	Smart City Protocol	Tool	1 Unit produced	07-2020	35,650.00 €
	Description	Smart City Protocol established/accepted by stakeholders/policy makers. Derived from the Green Paper on Innovation Policy Change takes into account feedback collected. Acceptance of the protocol provides a tool for innovation enhancement.			

3. Main outputs

Main project output	Description	Quantity	Ending month	Output indicator
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Output 4.1	Upgraded Cluster	<p>Two project partners have strong record on innovation. Capenergies represents a cluster in the energy sector; ISI belongs to ATHENA RC whose unit Corallia has created three innovative clusters in Greece in microelectronics, gaming and space technologies. Relevant Capenergies and Corallia clusters will directly or indirectly have access to project results and upgrade to integrate Smart City theme into their portfolios. Further innovative clusters of the MED area will be interlinked in the framework of the project and enhance their activities towards the innovative Smart City theme. This enhancement of existing cluster capacities contributes to project SO 2</p>	1 Clusters	06-2020	Number of transnational innovation clusters supported
Output 4.2	Smart City Protocol acceptance by regional / local authorities in the partner territories	<p>Involved local and regional authorities in partner territories will formally engage through signing the Smart City Protocol by which they will take into account the suggested policy changes for enhancing the implementation of city / regional strategies, measures and actions and especially ERDF ROPs in the partner areas. Output contributes to project specific objective 3 influencing MED territories' strategies for innovation.</p>	1 Instruments	07-2020	Number of operational instruments to favour innovation of SMEs

5.2 C.5.2 Durability of main outputs delivered in the framework of the project

By dealing with a paradigm shift towards Smarter Cities, the project first of all leads to an upgrade of existing clusters integrating Smart City concept. Durability of this output is safeguarded by the integration in existing cluster structures. Furthermore, there is commitment for the integration of the networked community with partner clusters maintaining the resulting Smart City network. Pilot deployments will provide test cases for the Smart City concept while simultaneously creating needed infrastructure and applications in the partner territories. Partners in the participating areas will be the owners of these deployments. SMEs with enhanced capacities will result both from capacity building activities and through transfer of project results towards them in different contexts. This enhanced capacity will be a permanent add on for them resulting into an overall innovation upgrade of the area. Finally, Green Paper for Innovation Policy Change and its resulting Policy Recommendations “Smart Grid Protocol” will be considered at public authority level. Regional partners in the project have strong commitment towards integrating such policy recommendations in their funding priorities. It will be incorporated into policy instruments and act as a lasting guideline to address implementation of future relevant measures and actions. Smart City Protocol provisions will be considered for integration into relevant policies especially tenders.

5.3 C.5.3 Transferability of main outputs delivered in the framework of the project

The project addresses the problematic of transferability through its methodological approach. It provides a Feasibility Study detailing Requirements, State-of-the-Art and Specification of the anticipated interventions, a Methodology for Testing and an Operational Plan Framework. This methodological background can be used in the future by other territories, with the necessity to update the Feasibility Study to future needs. Transnationality and diversity of pilot deployment sites ensure a genericity of the produced outputs that guarantees better transferability.

Furthermore, the followed model of addressing local / regional authority policy instruments through policy recommendations, elaborated with a bottom-up and participatory approach, could be replicable by other public/private organizations. Smart City Protocol provisions are to a large extent directly transferrable to other territories as they deal with innovation policy enabling practices.

5.4 C.5.4. Project Deliverables (Automatically filled in)

List of deliverables of the work package

Activity	ID	Type of deliverable	Unit	Title of the deliverable	Description	Total target value
0.1 Project Preparatory Activities						

1.1 Set up project management structure	84018	Tool	Unit produced	1.1.1 Project Operational Manual	The Project Operational Manual comprises the different procedures to be followed throughout the project duration.	1
1.2 Technical and Financial Project Coordination and Management	84019	Method	Unit produced	1.2.1 Quality Assurance Plan	The project Quality Assurance Plan details the quality and risk management strategy of the project.	1
1.2 Technical and Financial Project Coordination and Management	84021	Meeting	Unit produced	1.2.2 2nd SC Meeting	The 2nd SC Meeting will be organized by RWG in Patras, Greece. All partners participate.	1
1.2 Technical and Financial Project Coordination and Management	84022	Meeting	Unit produced	1.2.3 3rd SC Meeting	The 3rd SC Meeting will be organized by MMC in Milan, Italy. All partners participate.	1
1.2 Technical and Financial Project Coordination and Management	84023	Meeting	Unit produced	1.2.4 4th SC Meeting	The 4th SC Meeting will be organized by APEGR in Granada, Spain. All partners participate.	1
1.2 Technical and Financial Project Coordination and Management	84024	Meeting	Unit produced	1.2.5 5th SC Meeting	The 5th SC Meeting will be organized by RAIS in Sarajevo, B&H. All partners participate.	1
1.2 Technical and Financial Project Coordination and Management	84025	Meeting	Unit produced	1.2.6 6th SC Meeting	The 6th SC Meeting will be organized by Capenergies in Aix en Provence, France. All partners participate.	1
1.2 Technical and Financial Project Coordination and Management	84026	Method	Unit produced	1.2.7 1st Payment Claim	First period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables	1
1.2 Technical and Financial Project Coordination and Management	84027	Method	Unit produced	1.2.8 2nd Payment Claim	Second period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables.	1
1.2 Technical and Financial Project Coordination and Management	84028	Method	Unit produced	1.2.9 3rd Payment Claim	Third period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables	1
1.2 Technical and Financial Project Coordination and Management	84029	Method	Unit produced	1.2.10 4th Payment Claim	Fourth period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables	1

1.2 Technical and Financial Project Coordination and Management	84030	Method	Unit produced	1.2.11 5th Payment Claim	Fifth period claim produced through PRESAGE-CTE, including Progress Report, FLC certifications of expenditure, Project Deliverables. Delivery date after the project finalization.	1
1.2 Technical and Financial Project Coordination and Management	84031	Method	Unit produced	1.2.12 Final Report	Overall technical results and outcome of the project and overall financial data. Delivery date after the project finalization.	1
1.3 Project Monitoring and Evaluation	84034	Data	Unit produced	1.3.1 M2 Final Monitoring Form	Final Assessment of the project progress on predefined key points and proposal of potential adjustments for project finalization	1
2.1 Coordinating Project Communication	84035	Method	Unit produced	2.1.1 Communication Coordination	Overall coordination of the communication activities of the project	1
2.2 Internal Communication Strategy						
2.3 Communication and Media Strategy						
2.4 Creation of Content	84038	Digital or written communication	Unit produced	2.4.1 Project Digital Content (newsletters, story telling, videos, cinemagraphs, infographics)	Innovative project digital content will be created to appear in different social media networks and in the MED website. Updates of content in the website and the project social media networks will be conducted in a regular basis	150
2.4 Creation of Content	84039	Digital or written communication	Unit produced	2.4.2 Green Paper on Innovation Policy Change Graphical Enhancement (Guide)	The "Green Paper on Innovation Policy Change", a major project output will be graphically enhanced, enriched with infographics, made digitally available and printed in 200 copies.	200
2.5 Content Campaign	84040	Digital or written communication	Unit produced	2.5.1 Transnational Campaigns	Two transnational campaigns will be launched related to the project innovative content leading to effective project dissemination. Facebook and Google Ads will be utilized to this end. Capenergies is responsible for these deliverables.	2
2.6 External Communication Activities	84042	Public / political event	Unit produced	2.6.1 Project Final Conference report	The project final conference will be organized by Capenergies at Aix-en-Provence. It will be attended by all partners and external experts. It will provide a dissemination of project outputs achieved.	1

2.6 External Communication Activities	84063	Public / political event	Unit produced	2.6.2 Livestreaming and 2 sets of video reports	Livestreaming will be organized and the events will be broadcasted via all online channels of the project. Video reports' sets will be also created and be visible in all monitors inside the conference venue	2
2.7 Printed Material						
2.8 Press and Traditional Media Appearances	84046	Digital or written communication	Unit produced	2.8.1 Article in Thematic Magazine	10 articles will appear on thematic magazines	8
2.8 Press and Traditional Media Appearances	84061	Press conference	Unit produced	2.8.2 Press conference reports	2 press conferences will be organized during the conferences and stakeholders will be invited to speak about the project	1
2.8 Press and Traditional Media Appearances	84062	Press conference	Unit produced	2.8.3 Press Kits	Press kits with project content will be prepared and distributed to the journalists during the 2 major conferences	10
2.9 Coordination with the Interreg MED Programme communication strategy	84020	Meeting	Unit produced	2.9.1 Kick off meeting	The kick off meeting will be organized by the LP in Pescara, Italy. All partners participate.	1
2.9 Coordination with the Interreg MED Programme communication strategy	84021	Meeting	Unit produced	2.9.2 2nd SC Meeting	The 2nd SC Meeting will be organized by RWG in Patras, Greece. All partners participate.	1
2.9 Coordination with the Interreg MED Programme communication strategy	84022	Meeting	Unit produced	2.9.3 3rd SC Meeting	The 3rd SC Meeting will be organized by MMC in Milan, Italy. All partners participate.	1
2.9 Coordination with the Interreg MED Programme communication strategy	84023	Meeting	Unit produced	2.9.4 4th SC Meeting	The 4th SC Meeting will be organized by APEGR in Granada, Spain. All partners participate.	1
2.9 Coordination with the Interreg MED Programme communication strategy	84024	Meeting	Unit produced	2.9.5 5th SC Meeting	The 5th SC Meeting will be organized by RAIS in Sarajevo, B&H. All partners participate.	1
2.9 Coordination with the Interreg MED Programme communication strategy	84025	Meeting	Unit produced	2.9.6 6th SC Meeting	The 6th SC Meeting will be organized by Capenergies in Aix en Provence, France. All partners participate.	1
2.9 Coordination with the Interreg MED Programme communication strategy	84047	Meeting	Unit produced	2.9.7 MED Programme Event / Meeting Participation	Participation of all partners in MED Programme Events / Meetings (3)	3
2.9 Coordination with the Interreg MED Programme communication strategy	84048	Provision of information and data	Unit produced	2.9.8 Provision of Information to MED Programme	Carefully selected project content provided to MED programme. 1 person dedicated. ISI responsible partner for this.	3

2.9 Coordination with the Interreg MED Programme communication strategy	84053	Meeting	Unit produced	2.9.9 Study Visit in Cologne	All partners participate in Study Visit, related to IoT and smart metering infrastructure and applications. A small scale training course will take place so as for the Consortium to share the experiences of these important institutions	1
2.9 Coordination with the Interreg MED Programme communication strategy	84054	Meeting	Unit produced	2.9.10 Study Visit in Copenhagen	All partners participate in Study Visit. Study visit related to intelligent district and smart energy	1
2.10 Synergies with the Green Growth Community	84049	Meeting	Unit produced	2.10.1 HP Transnational Event Participation reports	All partners participate in HP 4 Transnational Events	3
2.10 Synergies with the Green Growth Community	84050	Meeting	Unit produced	2.10.2 Participation in 2 HP / modular projects events reports	Various partners can participate in at least 2 events scheduled by HP and other modulars of the Green Growth Community aiming at joint synergies	1
2.10 Synergies with the Green Growth Community	84051	Provision of information and data	Unit produced	2.10.3 Information to Horizontal Project	1 Communication Manager and 1 Technical expert dedicated to this, in an effort to harmonize results with the community and maximize overall impact	2
2.10 Synergies with the Green Growth Community	84052	Meeting	Unit produced	2.10.4 Modular synergy event participation report	Project co-organizes 2 events with other modulars. Synergies will be agreed with the overall Community	2
2.11 Diffusion of information beyond Programme area						
2.12 Smart City Networked Community						
3.1 Testing Coordination	84055	Method	Unit produced	3.1.1 Testing Coordination	Monitoring of activities and management of deviations or difficulties stressed during their implementation	1
3.2 Testing Preparatory Activities	84056	Preliminary study	Unit produced	3.2.1 Feasibility Study	A project Feasibility Study will be conducted focusing on intelligent districts, smarter energy and lighting application areas, detailing User Requirements, available Technological solutions and drawing Functional specifications.	1
3.2 Testing Preparatory Activities	84057	Preliminary study	Unit produced	3.2.2 Methodology for Testing	The project Methodology for Testing will be detailed. Testing cases and indicators for the evaluation of their impact for intelligent districts, smart energy and lighting application cases will be specified.	1

3.2 Testing Preparatory Activities	84068	Preliminary study	Unit produced	3.2.3 Pilot Deployment Operational Plan Framework	Operational Plan of the transnational pilot activity, detailed for each site and based on Project Feasibility Study and Methodology for Testing, takes into account specific diversities and openness requirements of involved sites.	1
3.3 Pilot Testing	84060	Service	Unit produced	3.3.1 Pilot Deployment	Pilot Deployment Operational Plan Framework will drive transnational pilot deployment in the partner territories. The common approach followed takes into account diversification of pilot sites and proposes common innovative solutions.	9
3.3 Pilot Testing	84067	Service	Unit produced	3.3.2 Pilot Capacity Building	Capacity Building (CB) relevant to the Smart City concepts and the deployed Pilot will be developed and provided taking in account learnt lessons and aquired knowledge . CB will be offered towards innovative SMEs of the project networked community.	10
3.4 Assessment of Pilot projects results	84058	Report	Unit produced	3.4.1 Green Paper for Innovation Policy Change	Green Paper for Innovation Policy Change will detail the project proposals for policy improvement / changes in the partner territories existing policies, strategies and structures, so that the sustainability of the project results is ascertained.	1
3.4 Assessment of Pilot projects results	84059	Report	Unit produced	3.4.2 Testing and evaluation of pilot activity reports	The pilot activities will be evaluated and a report will be elaborated. The achieved results as well as critical issues faced will be described in the report. The impact of the pilot activities on the involved sites will be evaluated and reported.	1
4.1 Coordination of Transfer Activities	84070	Method	Unit produced	4.1.1 Transferring coordination	The activity is relevant to the Coordination of Transferring WP, the Capacity Building towards target groups, HP associated transfer activities, and Transfer towards local / regional policies.	1

4.2 Capacity Building interventions	84071	Training material	Unit produced	4.2.1 “Lessons Learned on Enhancing Innovation through the Smart City concept” Capacity Building Sessions and Material	Capacity Building plan and courses manual about acquired knowledge and learnt lessons in developing, testing and assessing the intervention strategies on how to enhance innovation ecosystems through the Smart City concept.	1
4.2 Capacity Building interventions	84072	Tailored event	Unit produced	4.2.2 Capacity Building Workshops	2 transnational workshops. 6 local workshops. Transnational workshops participated by all partners and external stakeholders / experts and organized by RAIS and RWG. Local workshops provide training to local stakeholders in the rest partner areas.	8
4.3 HP, Cluster and Network Transfer Activities	84073	Method	Unit produced	4.3.1 Cluster - Networked Community Transfer Activities	Smart City theme influences internal capacity building offered by partner clusters to its member SMEs. Networked community participates in capacity building and training offered both by clusters and other partners.	1
4.3 HP, Cluster and Network Transfer Activities	84074	Method	Unit produced	4.3.2 HP Cluster Training Seminar	Project participates in HP organized Cluster Training Seminar. Anticipated harmonization with the HP and modular projects of the Green Growth community and contribution to a common transfer strategy.	2
4.4 Transfer of Policy Recommendations	84075	Tool	Unit produced	4.4.1 Smart City Protocol	Smart City Protocol established/accepted by stakeholders/policy makers. Derived from the Green Paper on Innovation Policy Change takes into account feedback collected. Acceptance of the protocol provides a tool for innovation enhancement.	1

6. C.6 Activities outside the programme area

	Work package / Activity	Partner involved	Country and region outside of the programme area	What is the added value of activities to be carried out outside the programme area?	Budget (total) - indicative

1	. Diffusion of information beyond Programme area	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	18600
2	. Diffusion of information beyond Programme area	Athena Research and Innovation Center	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	10600

3	. Diffusion of information beyond Programme area	National Institute of Applied Science	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	12600
4	. Diffusion of information beyond Programme area	Energy Agency of Granada	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	12600

5	. Diffusion of information beyond Programme area	City Development Agency East Sarajevo	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	12370
6	. Diffusion of information beyond Programme area	Energy and Environment Agency of Arrábida	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	11139.5

7	. Diffusion of information beyond Programme area	REGION OF WESTERN GREECE	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	20600
8	. Diffusion of information beyond Programme area	Metropolitan City of Milan	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	12600

9	. Diffusion of information beyond Programme area	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	12600
10	. Diffusion of information beyond Programme area	Capenergies	Brussels, Belgium; Cologne, Germany; Copenhagen, Denmark	The added value is the diffusion of project information beyond the programme area and the exchange of successful experiences associated with the Smart City innovative theme. More specifically the activity involves participation in the Open Days Workshop organized by Green Growth Horizontal Project in Brussels, enhancing collaboration with the overall Community; the participation in 2 Study Visits in Cologne, Germany and Copenhagen, Denmark that are characterized by Smart City innovative deployments in the application areas of intelligent districts, smart energy and lighting.	10600

7. C.7 Indicative time plan : activities (Automatically filled in)

Work package	Activity	2018				2019				2020			
0 Preparation costs		P											
	0.1 Project Preparatory Activities	A											
1 Project management		P	P L.53466 L.53471	P L.53477	P L.53483	P L.53478	P L.53485	P L.53479	P L.53487	P L.53480	P L.53481 L.53490	P L.53492 L.53493 L.53502	
	1.1 Set up project management structure	A	A 1.1.1 L.53466										
	1.2 Technical and Financial Project Coordination and Management	A	A 1.2.1 L.53471	A 1.2.2 L.53477	A 1.2.7 L.53483	A 1.2.3 L.53478	A 1.2.8 L.53485	A 1.2.4 L.53479	A 1.2.9 L.53487	A 1.2.5 L.53480	A 1.2.6 L.53481 1.2.10 L.53490	A 1.2.11 L.53492 1.2.12 L.53493	
	1.3 Project Monitoring and Evaluation	A	A	A	A	A	A	A	A	A	A	A 1.3.1 L.53502	

2 Project communication		P L.53476	P	P L.53477 L.53609 L.53611	P	P L.53478	P	P L.53479	P	P L.53579 L.53480	P L.53580 L.53584 L.54275 L.54273 L.54274 L.53596 L.53598 L.53481	P L.53551 L.53578 L.53593 L.53603 L.53605 L.53607 L.53608	
	2.1 Coordinating Project Communication	A	A	A	A	A	A	A	A	A	A	A	A 2.1.1 L.53551
	2.2 Internal Communication Strategy	A	A	A	A	A	A	A	A	A	A	A	
	2.3 Communication and Media Strategy	A	A	A	A	A	A	A	A	A	A		
	2.4 Creation of Content	A	A	A	A	A	A	A	A	A 2.4.2 L.53579	A	A 2.4.1 L.53578	
	2.5 Content Campaign	A	A	A	A	A	A	A	A	A	A 2.5.1 L.53580		
	2.6 External Communication Activities	A	A	A	A	A	A	A	A	A	A 2.6.1 L.53584 2.6.2 L.54275		
	2.7 Printed Material	A	A	A	A	A	A	A	A	A	A		

	2.8 Press and Traditional Media Appearances	A	A	A	A	A	A	A	A	A	A	2.8.2 L.54273 2.8.3 L.54274	A 2.8.1 L.53593	
	2.9 Coordination with the Interreg MED Programme communication strategy	A 2.9.1 L.53476	A	A 2.9.2 L.53477 2.9.9 L.53609 2.9.10 L.53611	A	A 2.9.3 L.53478	A	A 2.9.4 L.53479	A	A 2.9.5 L.53480	A	2.9.7 L.53596 2.9.8 L.53598 2.9.6 L.53481	A	
	2.10 Synergies with the Green Growth Community	A	A	A	A	A	A	A	A	A	A	A	A 2.10.1 L.53603 2.10.2 L.53605 2.10.3 L.53607 2.10.4 L.53608	
	2.11 Diffusion of information beyond Programme area	A	A	A	A	A	A	A	A	A	A	A	A	
	2.12 Smart City Networked Community		A	A	A	A	A	A	A	A	A	A	A	
3 Testing			P L.53718 L.53720	P L.54375	P	P	P L.54232	P L.54280 O.1	P L.53711 L.54007 L.53839 O.3					

	3.1 Testing Coordination		A	A	A	A	A	A	A	A	3.1.1 L.53711			
	3.2 Testing Preparatory Activities		A 3.2.1 L.53718 3.2.2 L.53720	A 3.2.3 L.54375										
	3.3 Pilot Testing			A	A	A	A 3.3.1 L.54232	A 3.3.2 L.54280						
	3.4 Assessment of Pilot projects results							A	A 3.4.2 L.54007 3.4.1 L.53839					
4 Transferring									P L.54710 L.54712	P L.54710 L.54712	P L.54715 L.54716 O.1	P L.54704 L.54717 O.2		
	4.1 Coordination of Transfer Activities								A	A	A	A 4.1.1 L.54704		
	4.2 Capacity Building interventions								A	A 4.2.1 L.54710 4.2.2 L.54712				
	4.3 HP, Cluster and Network Transfer Activities								A	A	A 4.3.1 L.54715 4.3.2 L.54716			

	4.4 Transfer of Policy Recommendations										A	A 4.4.1 L.54717	
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8. C.8 External expertise and services, Equipment

8.1 C.8.1 External expertise and services description

	Description of External Expertise and Services	Work packages / Activity	Contracting partner	Budget (indicative breakdown of the budget)
1	Elaboration of Project Operational Manual by Project Manager: 9.500 €.	. Set up project management structure	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	9500
2	External Project Management including PM & FM Travel to SC Meetings: 75.600 €. All project long. Organization of kick off meeting in Pescara (catering, location, media, etc): 4.200 €. 04.18	. Technical and Financial Project Coordination and Management	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	79800
3	External Project Manager participation in Project Monitoring and Evaluation activities: 10.500 Euro. All project long External Evaluator: 6.000 Euro All project long	. Project Monitoring and Evaluation	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	16500
4	Internal Communication Tool Services: 5.000 Euros. All project long	. Internal Communication Strategy	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	5000
5	Support to transnational campaigns in social media (FB, Google Ads) for the promotion of the content produced during the project: 23.000 Euros. All project long	. Content Campaign	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	23000
6	External project manager travel and participation in project launch and final conference: 2.000 Euros. 06.18 & 05.20 Media services associated with project launch conference: 9.825 Euros. 06.18 Project Launch Conference organization (catering, room, etc) in Pescara side Kick Off meeting: 2.000 Euros. 04.18	. External Communication Activities	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	13825

7	Printing services for project material (folder, flier, poster, roll-up): 1500 Euros. 07.20	. Printed Material	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	1500
8	Article appearance in thematic magazines: 10.000 Euros: All project long Press Conference / Press Kit : 6.00 Euros X 500 Kit	. Press and Traditional Media Appearances	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	13000
9	External Project Manager travel and participation in MED events / meetings (3): 5.000 Euros. All project long	. Coordination with the Interreg MED Programme communication strategy	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	5000
10	External Project Manager travel and participation in HP related events: 4 transnational HP events, 2 events organized by HP / other modular projects, synergetic events with other modulars: 10.000 Euros. All project long	. Synergies with the Green Growth Community	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	10000
11	External project manager travel and participation in HP Open Days (Brussels) and 2 study visits (Cologne, Copenhagen): 6.000 Euros 05.20, 07.18, 08.18 Media services relevant to events beyond programme area: 4.000 Euros	. Diffusion of information beyond Programme area	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	10000
12	External Technical Expert relevant to the Network Charter : 1.500 Euros. 06.18	. Smart City Networked Community	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	1500
13	External Technical Expert relevant to Testing Preparatory Activities (Feasibility Study, Methodology for Testing, Operational Plan Framework): 15.000 Euros. 01.18 - 05.18	. Testing Preparatory Activities	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	15000
14	External Technical Expertise relevant to the Green Paper on Innovation Policy Change and Evaluation of pilot activity reports: 11.000 Euros. 11.19	. Assessment of Pilot projects results	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	11000
15	External Technical Expertise related to Pilot Deployment in Abruzzo and relevant Capacity Building activities: 13.500 Euros. 09.18-07.19	. Pilot Testing	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	13500

16	External project manager travel and participation to 2 project transnational workshops: 2.000 Euros 12.19-01.20 Training material printing services: 1.500 Euros: 12.19 Local capacity building organization in Abruzzo (room, catering, invited speakers, media, publicity): 10.000 Euros: 01.20	. Capacity Building interventions	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	13500
17	Invited stakeholder travel and participation in HP Cluster Training Seminar: 2.000 Euros	. HP, Cluster and Network Transfer Activities	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	2000
18	External Expertise related to the Communication and Media Strategy of the project: 15.000 Euros. Elaboration of the Communication and Media Strategy Plan 02.18	. Communication and Media Strategy	Athena Research and Innovation Center	15000
19	External Expertise related to the creation of content of high penetration to the targeted audiences (videos, infographics, cinemagraphs) and presence of the project to social media: 25.000 Euros All project long Graphical enhancement of the Green Paper on Innovation Policy Change (infographics, etc): 12.000 Euros All project long	. Creation of Content	Athena Research and Innovation Center	37000
20	Printing services for project material (folder, flier, poster, roll-up): 1500 Euros. 02.18	. Printed Material	Athena Research and Innovation Center	1500
21	Invited stakeholder travel and participation in HP Open Days in Brussels: 2.000 Euros	. Diffusion of information beyond Programme area	Athena Research and Innovation Center	2000
22	Training material printing services: 1.500 Euros 12.19 Invited speaker travel at Transnational Capacity Building Workshop in Patras 1.000 Euros 01.20	. Capacity Building interventions	Athena Research and Innovation Center	2500
23	Invited stakeholder travel and participation in HP Cluster Training Seminar: 6.000 Euros	. HP, Cluster and Network Transfer Activities	Athena Research and Innovation Center	6000

24	Invited speaker travel and participation in final conference 2.000 Euros 05.20	. External Communication Activities	National Institute of Applied Science	2000
25	Printing services for project material (folder, flier, poster, roll-up): 1500 Euros. 02.18	. Printed Material	National Institute of Applied Science	1500
26	Event coorganization with other modulars (room, catering, invited speaker travel): 6.000 Euros	. Synergies with the Green Growth Community	National Institute of Applied Science	6000
27	Invited stakeholders travel and participation in HP Open Days in Brussels 4.000 Euros	. Diffusion of information beyond Programme area	National Institute of Applied Science	4000
28	Training material printing services: 1.500 Euros 12.19 Organization of Capacity Building Workshop in Lyon (room, invited speakers travel, media and publicity) 7.000 Euros 01.20	. Capacity Building interventions	National Institute of Applied Science	8500
29	Organization services for 4th SC meeting in Granada (room, catering, media, publicity, etc) 5.600 Euros, 06.19	. Technical and Financial Project Coordination and Management	Energy Agency of Granada	5600
30	Invited stakeholder travel and participation in project Final Conference 2.000 Euros 05.20	. External Communication Activities	Energy Agency of Granada	2000
31	Printing services for project material (folder, flier, poster, roll-up): 1500 Euros. 02.18	. Printed Material	Energy Agency of Granada	1500
32	Invited stakeholders travel and participation in HP Open Days in Brussels: 4.000 Euros	. Diffusion of information beyond Programme area	Energy Agency of Granada	4000
33	External Technical Expert relevant to the Network Charter : 1.500 Euros. 06.18	. Smart City Networked Community	Energy Agency of Granada	1500
34	External Technical Expert relevant to Testing Preparatory Activities (Feasibility Study, Methodology for Testing, Operational Plan Framework): 17.000 Euros. 01.18 - 05.18	. Testing Preparatory Activities	Energy Agency of Granada	17000
35	External Technical Expertise related to Pilot Deployment in Andalusia (Mortil) and relevant Capacity Building activities: 14.000 Euros. 06.18-05.19	. Pilot Testing	Energy Agency of Granada	14000

36	External Technical Expertise relevant to the Green Paper on Innovation Policy Change and Evaluation of pilot activity reports: 9.500 Euros. 06.19-08.19	. Assessment of Pilot projects results	Energy Agency of Granada	9500
37	Training material printing services: 1.500 Euros 12.19 Organization of Capacity Building Workshop in Granada (room, invited speakers travel, media and publicity) 7.000 Euros 01.20	. Capacity Building interventions	Energy Agency of Granada	8500
38	Invited stakeholder travel and participation in HP Cluster Training Seminar: 2.000 Euros	. HP, Cluster and Network Transfer Activities	Energy Agency of Granada	2000
39	Organization services for 5th SC meeting in Sarajevo (room, catering, publicity, etc) 2.800 Euros, 12.19	. Technical and Financial Project Coordination and Management	City Development Agency East Sarajevo	2800
40	Printing services for project material (folder, flier, poster, roll-up): 1200 Euros. 02.18	. Printed Material	City Development Agency East Sarajevo	1200
41	Invited stakeholders travel and participation in HP Open Days in Brussels: 4.000 Euros	. Diffusion of information beyond Programme area	City Development Agency East Sarajevo	4000
42	External Technical Expert relevant to the Network Charter : 1.000 Euros. 06.18	. Smart City Networked Community	City Development Agency East Sarajevo	1000
43	External Technical Expert relevant to Testing Preparatory Activities (Feasibility Study, Methodology for Testing, Operational Plan Framework): 13.000 Euros. 01.18 - 05.18	. Testing Preparatory Activities	City Development Agency East Sarajevo	13000
44	External Technical Expertise related to Pilot Deployment in Serajevo and relevant Capacity Building activities: 11.500 Euros. 06.18-05.19	. Pilot Testing	City Development Agency East Sarajevo	11500
45	External Technical Expertise relevant to the Green Paper on Innovation Policy Change and Evaluation of pilot activity reports: 7.500 Euros. 06.19-08.19	. Assessment of Pilot projects results	City Development Agency East Sarajevo	7500

46	Training material printing services: 1.200 Euros 12.19 Organization of Transnational Capacity Building Workshop in Sarajevo (room, catering, invited speakers travel) 6.500 Euros 12.19 Media and publicity associated with Transnational Capacity Building Workshop in Sarajevo (livestreaming, videostreaming, etc) 13.000	. Capacity Building interventions	City Development Agency East Sarajevo	20700
47	Invited stakeholder travel and participation in HP Cluster Training Seminar: 2.000 Euros	. HP, Cluster and Network Transfer Activities	City Development Agency East Sarajevo	2000
48	Invited stakeholder travel and participation in project Final Conference 1.950 Euros 05.20	. External Communication Activities	Energy and Environment Agency of Arrábida	1950
49	Printing services for project material (folder, flier, poster, roll-up): 1.500 Euros. 02.18	. Printed Material	Energy and Environment Agency of Arrábida	1500
50	Invited stakeholders travel and participation in HP Open Days in Brussels: 4.000 Euros	. Diffusion of information beyond Programme area	Energy and Environment Agency of Arrábida	4000
51	Training material printing services: 1.500 Euros 12.19 Organization of Local Capacity Building Workshop in Setubal (room, catering, invited speakers, media, publicity) 7.000 Euros 01.20	. Capacity Building interventions	Energy and Environment Agency of Arrábida	8500
52	Invited stakeholder travel and participation in HP Cluster Training Seminar: 2.000 Euros	. HP, Cluster and Network Transfer Activities	Energy and Environment Agency of Arrábida	2000
53	Organization services for 2nd SC meeting in Patras (room, catering, publicity, etc) 4.000 Euros, 06.18	. Technical and Financial Project Coordination and Management	REGION OF WESTERN GREECE	4000
54	Invited stakeholder travel and participation in project Final Conference 2.000 Euros 05.20	. External Communication Activities	REGION OF WESTERN GREECE	2000
55	Graphist services for the creation of project material (folder, poster, flier, roll-up): 6.000 Euros 01.18 Printing services for project material (folder, flier, poster, roll-up): 1.500 Euros. 02.18	. Printed Material	REGION OF WESTERN GREECE	7500

56	Invited stakeholders travel and participation in HP Open Days in Brussels: 4.000 Euros Invited stakeholders travel and participation in Study Visit in Cologne: 4.000 Euros Invited stakeholders travel and participation in Study Visit in Copenhagen: 4.000 Euros	. Diffusion of information beyond Programme area	REGION OF WESTERN GREECE	12000
57	External Technical Expert relevant to the Network Charter : 1.500 Euros. 06.18	. Smart City Networked Community	REGION OF WESTERN GREECE	1500
58	External Technical Expert relevant to Testing Preparatory Activities (Feasibility Study, Methodology for Testing, Operational Plan Framework): 17.000 Euros. 01.18 - 05.18	. Testing Preparatory Activities	REGION OF WESTERN GREECE	17000
59	External Technical Expertise related to Pilot Deployment in public buildings of the Region of Western Greece and relevant Capacity Building activities: 24.000 Euros. 06.18-05.19	. Pilot Testing	REGION OF WESTERN GREECE	24000
60	External Technical Expertise relevant to the Green Paper on Innovation Policy Change and Evaluation of pilot activity reports: 17.500 Euros. 06.19-08.19	. Assessment of Pilot projects results	REGION OF WESTERN GREECE	17500
61	Training material printing services: 1.500 Euros 12.19 Organization of Transnational Capacity Building Workshop in Patras (room, catering, invited speakers travel) 7.000 Euros 01.20 Media and publicity associated with Transnational Capacity Building Workshop in Patras (livestreaming, videostreaming, etc) 13.000	. Capacity Building interventions	REGION OF WESTERN GREECE	21500
62	Invited stakeholder travel and participation in HP Cluster Training Seminar: 2.000 Euros	. HP, Cluster and Network Transfer Activities	REGION OF WESTERN GREECE	2000
63	Organization services for 3rd SC meeting in Milan (room, catering, publicity, etc) 5.600 Euros, 12.18	. Technical and Financial Project Coordination and Management	Metropolitan City of Milan	5600

64	Invited stakeholder travel and participation in project Final Conference 2.000 Euros 05.20	. External Communication Activities	Metropolitan City of Milan	2000
65	Printing services for project material (folder, flier, poster, roll-up): 1.500 Euros. 02.18	. Printed Material	Metropolitan City of Milan	1500
66	Event coorganization with other modulars (room, catering, invited speaker travel): 6.000 Euros	. Synergies with the Green Growth Community	Metropolitan City of Milan	6000
67	Invited stakeholders travel and participation in HP Open Days in Brussels: 4.000 Euros	. Diffusion of information beyond Programme area	Metropolitan City of Milan	4000
68	External Technical Expert relevant to the Network Charter : 1.500 Euros. 06.18	. Smart City Networked Community	Metropolitan City of Milan	1500
69	External Technical Expert relevant to Testing Preparatory Activities (Feasibility Study, Methodology for Testing, Operational Plan Framework): 17.000 Euros. 01.18 - 05.18	. Testing Preparatory Activities	Metropolitan City of Milan	17000
70	External Technical Expertise related to Pilot Deployment in public buildings of Milan Metropolitan area and relevant Capacity Building activities: 29.000 Euros. 06.18-05.19	. Pilot Testing	Metropolitan City of Milan	29000
71	External Technical Expertise relevant to the Green Paper on Innovation Policy Change and Evaluation of pilot activity reports: 9.500 Euros. 06.19-08.19	. Assessment of Pilot projects results	Metropolitan City of Milan	9500
72	Technical expertise for the preparation of training material: 10.000 Euros 12.19 Training material printing services: 1.500 Euros 12.19 Organization of Local Capacity Building Workshop in Milan (room, catering, invited speakers travel) 7.000 Euros 01.20	. Capacity Building interventions	Metropolitan City of Milan	18500
73	Invited stakeholder travel and participation in HP Cluster Training Seminar: 2.000 Euros	. HP, Cluster and Network Transfer Activities	Metropolitan City of Milan	2000

74	Invited stakeholder travel and participation in project Final Conference 2.000 Euros 05.20	. External Communication Activities	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	2000
75	Printing services for project material (folder, flier, poster, roll-up): 1.500 Euros. 02.18	. Printed Material	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	1500
76	Invited stakeholders travel and participation in HP Open Days in Brussels: 4.000 Euros	. Diffusion of information beyond Programme area	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	4000
77	Training material printing services: 1.500 Euros 12.19 Invited Speaker travel for Local Capacity Building Workshop in Milan 1.000 Euros 01.20	. Capacity Building interventions	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	2500
78	Invited stakeholder travel and participation in HP Cluster Training Seminar: 2.000 Euros	. HP, Cluster and Network Transfer Activities	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	2000
79	Organization services for 6th SC meeting in Aix-en-Provence (room, catering, publicity, media etc) 6.400 Euros, 05.20	. Technical and Financial Project Coordination and Management	Capenergies	6400
80	One transnational campaign in social media (FB, Google Ads) for the promotion of the content produced during the project: 25.000 Euros. All project long	. Content Campaign	Capenergies	25000
81	Invited stakeholder travel and participation in project Final Conference 2.000 Euros 05.20 Media services associated with project final conference (video coverage, livestreaming): 10.000 Euros. 05.20 Project Final Conference organization (catering, room, etc) in Aix-en-Provence side 6th SC meeting: 4.000 Euros. 05.20	. External Communication Activities	Capenergies	16000
82	Press Conference / Press Kit for Final Conference: 3.000 Euros	. Press and Traditional Media Appearances	Capenergies	3000
83	Invited stakeholders travel and participation in HP Open Days in Brussels: 2.000 Euros	. Diffusion of information beyond Programme area	Capenergies	2000

84	Training material printing services: 805 Euros Invited Speaker travel for Local Capacity Building Workshop in Lyon 2.000 Euros 01.20	. Capacity Building interventions	Capenergies	2805
85	Invited stakeholder travel and participation in HP Cluster Training Seminar: 8.003 Euros	. HP, Cluster and Network Transfer Activities	Capenergies	8003

8.2 C.8.2 Description of equipment for general office use

	Description of Equipment for general office use	Work packages / Activity	Contracting partner	Budget (indicative breakdown of the budget)
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8.3 C.8.3 Technical Equipment description

	Thematic equipment description	Work packages / Activity	Contracting partner	Budget (indicative breakdown of the budget)
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8.4 C.8.4 Small scale investment description

	Description of Small scale investments	Work packages / Activity	Contracting partner	Budget (indicative breakdown of the budget)
1	Pilot Deployment in Pescara relevant to Smart Lighting. Supply, setting up, configuration and installation in the appropriate site (urban districts, buildings and public lighting) of a system based on digital and energy saving technologies and composed by sensors, electronic, digital and communication components and managed by application and communication software. The system will manage 90 light poles and composed by: Lighting Controllers, Gateway, Antenna, Environmental Sensors	. Pilot Testing	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	24002,00

2	<p>Pilot Deployment in ISI premises at Patras Science Park building in Patras related to Smart Energy and Smart Living Lab (Intelligent District)</p> <p>Supply, setting up, configuration and installation in the appropriate site (urban districts, buildings and public lighting) of a system based on digital and energy saving technologies and composed by energy metering devices, gateways for energy meter data aggregation, various sensors, actuators, embedded devices, relevant software platform, application server and data server. The system will provide the capability to enhance energy efficiency at ISI premises while combining different technologies and performing their pilot testing against different energy efficiency related scenarios associated with occupancy patterns, environmental conditions, etc</p> <p>N.B. Internal staff will mainly carry out setting up, configuration and installation</p>	. Pilot Testing	Athena Research and Innovation Center	11060,00
3	<p>Pilot Deployment in Lyon relevant to Smart Lighting</p> <p>Supply, setting up, configuration and installation in the appropriate street's light poles of a system based on digital and energy saving technologies and composed by sensors, electronic, digital and communication components and managed by application and communication software. The system will manage 50 light poles and be composed by: Lighting Controllers of wireless connectivity, Gateways, 2 Antennas and Environmental Sensors</p> <p>N.B. Internal staff will mainly carry out setting up, configuration and installation</p>	. Pilot Testing	National Institute of Applied Science	11025

4	<p>Pilot Deployment in Hueter Tajar municipality pilot project on Public Lighting in Sportive facilities, with a field of 24 LED lights that will need to incorporate the smart technology through lighting sensors, trigger and control equipments in the existing lighting poles, some new LED lamps needed to change old ones, and the smart system that will controll everything. Possible presence sensors could be included, and a website/APP to inform citizens about the energy savings. THIS WOULD BE DONE THROUGH THE EXISTING ASIGNED BUDGET 9.200 euro.</p> <p>As well, a second pilot will be implmeneted in Agron municipality taking into account external expertise money that is less needed. In this case, the municipality with 297 inhabitants will renew 40 of it's whole 135 public lighting poles (125 complact fluorescent, 4 MH, and 6 HPS) to LED technology, and sensors of presence and light will be installed to control the energy consumption and considering the protection of the night sky.</p>	. Pilot Testing	Energy Agency of Granada	9200
5	<p>Pilot Deployment in Sarajevo related to Smart Energy and Intelligent districts: Supply, setting up, configuration and installation in the appropriate street's light poles of a system based on digital and energy saving technologies and composed by sensors, electronic, digital and communication components and managed by application and communication software. The system will manage 20 Energy Meters and be composed by Energy Metering Controllers, Energy Meters (Plugs) and Sensors.</p>	. Pilot Testing	City Development Agency East Sarajevo	7615

6	<p>Pilot Deployment in Área Metropolitana de Lisboa related to Smart Energy and Intelligent districts: Supply, setting up, configuration and installation in the appropriate street's light poles of a system based on digital and energy saving technologies and composed by sensors, electronic, digital and communication components and managed by application and communication software. The system will manage 100 Energy Meters and be composed by Energy Metering Controllers, Energy Meters (Plugs) and Sensors.</p>	. Pilot Testing	Energy and Environment Agency of Arrábida	41725
7	<p>Pilot Deployment in Western Greece public buildings, in the three Regional Units of RWG (Aitoloakarnania, Achaia and Ileia), related to Smart Energy and Intelligent districts: Supply, setting up, configuration and installation in public buildings of a system based on digital and energy saving technologies and composed by sensors, electronic, digital and communication components and managed by application and communication software. The system will manage 28 Smart Energy Metering Controllers through a data storage in a central server attached to a Network Attached Storage drive using network devices.</p>	. Pilot Testing	REGION OF WESTERN GREECE	29700

8	<p>Pilot Deployment in Milan public buildings related to Smart Energy: Supply, setting up, configuration and installation of a system based on digital and energy saving technologies and composed by sensors, electronic, digital and communication components and managed by application and communication software. The system will include a variety of sensors (temperature, humidity, light, pollution, vibrations, human presence, etc.).</p>	. Pilot Testing	Metropolitan City of Milan	55075
9	<p>Polytechnic of Milan public buildings related to Smart Energy and Smart Living Labs: Supply, setting up, configuration and installation of a system based on digital and energy saving technologies and composed by sensors, electronic, digital and communication components and managed by application and communication software. The system will include a variety of sensors (temperature, humidity, light, pollution, vibrations, mass flow, energy, etc.).</p>	. Pilot Testing	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	33765

- IV - PARTIE D – Project budget**1. D.1 Project budget co-financing source (fund) – breakdown per partner (Automatically filled in)**

ERDF

Partner Nb	Partner name	Region (NUTS2)	Country	Total budget	Fund grant			Counterparts		
					Fund amount	Co-financing rate	% of the total ERDF	Total counterparts	Counterparts details	
									Public counterpart	Private counterpart
LP1	Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	Abruzzo	ITALY	390,000.00 €	331,500.00 €	85.00 %	16.64 %	58,500.00 €	58,500.00 €	0.00 €
PP1	Athena Research and Innovation Center	Αττική (Attiki)	GREECE	330,000.00 €	280,500.00 €	85.00 %	14.08 %	49,500.00 €	49,500.00 €	0.00 €
PP2	Energy Agency of Granada	Andalucía	SPAIN	178,000.00 €	151,300.00 €	85.00 %	7.59 %	26,700.00 €	26,700.00 €	0.00 €
PP4	Energy and Environment Agency of Arrábida	Área Metropolitana de Lisboa	PORTUGAL	162,000.00 €	137,700.00 €	85.00 %	6.91 %	24,300.00 €	0.00 €	24,300.00 €
PP5	REGION OF WESTERN GREECE	Δυτική Ελλάδα (Dytikí Elláda)	GREECE	235,000.00 €	199,750.00 €	85.00 %	10.03 %	35,250.00 €	35,250.00 €	0.00 €
PP6	Metropolitan City of Milan	Lombardia	ITALY	300,000.00 €	255,000.00 €	85.00 %	12.80 %	45,000.00 €	45,000.00 €	0.00 €

PP7	Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	Lombardia	ITALY	245,000.00 €	208,250.00 €	85.00 %	10.45 %	36,750.00 €	36,750.00 €	0.00 €
PP8	Capenergies	Provence-Alpes-Côte d'Azur	FRANCE	304,000.00 €	258,400.00 €	85.00 %	12.97 %	45,600.00 €	0.00 €	45,600.00 €
PP9	National Institute of Applied Science	Rhône-Alpes	FRANCE	200,000.00 €	170,000.00 €	85.00 %	8.53 %	30,000.00 €	30,000.00 €	0.00 €
Sub-total for partners inside the programme area (EU territory)				2,344,000.00 €	1,992,400.00 €	85.00 %	100.00 %	351,600.00 €	281,700.00 €	69,900.00 €
Total				2,344,000.00 €	1,992,400.00 €	85.00 %	100.00 %	351,600.00 €	281,700.00 €	69,900.00 €

IPA Funding

Partner Nb	Partner name	Region (NUTS2)	Country	Total budget	Fund grant			Counterparts		
					Fund amount	Co-financing rate	% of the total IPA Funding	Total counterparts	Counterparts details	
									Public counterpart	Private counterpart
PP3	City Development Agency East Sarajevo	BOSNIA AND HERZEGOVINA	BOSNIA AND HERZEGOVINA	156,000.00 €	132,600.00 €	85.00 %	100.00 %	23,400.00 €	23,400.00 €	0.00 €
Sub-total for partners inside the programme area (EU territory)				156,000.00 €	132,600.00 €	85.00 %	100.00 %	23,400.00 €	23,400.00 €	0.00 €
Total				2,500,000.00 €	2,125,000.00 €	85.00 %	100.00 %	375,000.00 €	305,100.00 €	69,900.00 €

2. D.2 Project budget – overview per partner/ per budget line (Automatically filled in)

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget

Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	85,020.00 €	12,753.00 €	22,600.00 €	241,625.00 €	24,002.00 €	4,000.00 €	390,000.00 €	0.00 €	390,000.00 €	15.60 %
Athena Research and Innovation Center	175,600.00 €	26,340.00 €	33,000.00 €	64,000.00 €	11,060.00 €	20,000.00 €	330,000.00 €	0.00 €	330,000.00 €	13.20 %
Energy Agency of Granada	68,000.00 €	10,200.00 €	24,000.00 €	65,600.00 €	9,200.00 €	1,000.00 €	178,000.00 €	0.00 €	178,000.00 €	7.12 %
City Development Agency East Sarajevo	51,900.00 €	7,785.00 €	24,000.00 €	64,700.00 €	7,615.00 €	0.00 €	156,000.00 €	0.00 €	156,000.00 €	6.24 %
Energy and Environment Agency of Arrábida	65,500.00 €	9,825.00 €	26,000.00 €	17,950.00 €	41,725.00 €	1,000.00 €	162,000.00 €	0.00 €	162,000.00 €	6.48 %
REGION OF WESTERN GREECE	62,000.00 €	9,300.00 €	24,000.00 €	109,000.00 €	29,700.00 €	1,000.00 €	235,000.00 €	0.00 €	235,000.00 €	9.40 %
Metropolitan City of Milan	105,500.00 €	15,825.00 €	26,000.00 €	96,600.00 €	55,075.00 €	1,000.00 €	300,000.00 €	0.00 €	300,000.00 €	12.00 %
Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	152,900.00 €	22,935.00 €	22,400.00 €	12,000.00 €	33,765.00 €	1,000.00 €	245,000.00 €	0.00 €	245,000.00 €	9.80 %
Capenergies	188,080.00 €	28,212.00 €	23,500.00 €	63,208.00 €	0.00 €	1,000.00 €	304,000.00 €	0.00 €	304,000.00 €	12.16 %
National Institute of Applied Science	122,500.00 €	18,375.00 €	24,100.00 €	24,000.00 €	11,025.00 €	0.00 €	200,000.00 €	0.00 €	200,000.00 €	8.00 %
Total	1,077,000.00 €	161,550.00 €	249,600.00 €	758,683.00 €	223,167.00 €	30,000.00 €	2,500,000.00 €	0.00 €	2,500,000.00 €	
% of the total budget	43.08 %	6.46 %	9.98 %	30.35 %	8.93 %	1.20 %	100.00 %	0.00 %	100.00 %	100.00 %

ERDF	1,025,100.00 €	153,765.00 €	225,600.00 €	693,983.00 €	215,552.00 €	30,000.00 €	2,344,000.00 €	0.00 €	2,344,000.00 €	93.76 %
IPA Funding	51,900.00 €	7,785.00 €	24,000.00 €	64,700.00 €	7,615.00 €	0.00 €	156,000.00 €	0.00 €	156,000.00 €	6.24 %
Total EU funds	1,077,000.00 €	161,550.00 €	249,600.00 €	758,683.00 €	223,167.00 €	30,000.00 €	2,500,000.00 €	0.00 €	2,500,000.00 €	100.00 %

3. D.3 Project budget – overview per partner/ per WP (Automatically filled in)

	0 Preparation costs	1 Project management	2 Project communication	3 Testing	4 Transferring	Total budget	Net revenue	Total eligible budget	% total eligible budget
Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	4,000.00 €	169,025.00 €	116,630.00 €	63,502.00 €	36,843.00 €	390,000.00 €	0.00 €	390,000.00 €	15.60 %
Athena Research and Innovation Center	20,000.00 €	38,750.00 €	142,050.00 €	92,250.00 €	36,950.00 €	330,000.00 €	0.00 €	330,000.00 €	13.20 %
Energy Agency of Granada	1,000.00 €	52,400.00 €	41,700.00 €	49,700.00 €	33,200.00 €	178,000.00 €	0.00 €	178,000.00 €	7.12 %
City Development Agency East Sarajevo	0.00 €	37,525.00 €	35,795.00 €	39,615.00 €	43,065.00 €	156,000.00 €	0.00 €	156,000.00 €	6.24 %
Energy and Environment Agency of Arrábida	1,000.00 €	35,000.00 €	33,595.00 €	67,485.00 €	24,920.00 €	162,000.00 €	0.00 €	162,000.00 €	6.48 %
REGION OF WESTERN GREECE	1,000.00 €	42,750.00 €	55,700.00 €	88,200.00 €	47,350.00 €	235,000.00 €	0.00 €	235,000.00 €	9.40 %
Metropolitan City of Milan	1,000.00 €	53,400.00 €	95,850.00 €	110,575.00 €	39,175.00 €	300,000.00 €	0.00 €	300,000.00 €	12.00 %

Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	1,000.00 €	48,650.00 €	41,925.00 €	128,525.00 €	24,900.00 €	245,000.00 €	0.00 €	245,000.00 €	9.80 %
Capenergies	1,000.00 €	62,400.00 €	132,250.00 €	43,447.00 €	64,903.00 €	304,000.00 €	0.00 €	304,000.00 €	12.16 %
National Institute of Applied Science	0.00 €	56,600.00 €	46,425.00 €	66,075.00 €	30,900.00 €	200,000.00 €	0.00 €	200,000.00 €	8.00 %
Total	30,000.00 €	596,500.00 €	741,920.00 €	749,374.00 €	382,206.00 €	2,500,000.00 €	0.00 €	2,500,000.00 €	
% of the total budget	1.20 %	23.86 %	29.68 %	29.97 %	15.29 %	100.00 %	0.00 %	100.00 %	100.00 %
ERDF	30,000.00 €	558,975.00 €	706,125.00 €	709,759.00 €	339,141.00 €	2,344,000.00 €	0.00 €	2,344,000.00 €	93.76 %
IPA Funding	0.00 €	37,525.00 €	35,795.00 €	39,615.00 €	43,065.00 €	156,000.00 €	0.00 €	156,000.00 €	6.24 %
Total EU funds	30,000.00 €	596,500.00 €	741,920.00 €	749,374.00 €	382,206.00 €	2,500,000.00 €	0.00 €	2,500,000.00 €	100.00 %

4. D.4 Project budget – overview per WP/ per budget line (Automatically filled in)

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	30,000.00 €	30,000.00 €	0.00 €	30,000.00 €	1.20 %
1 Project management	318,000.00 €	47,700.00 €	100,600.00 €	130,200.00 €	0.00 €	0.00 €	596,500.00 €	0.00 €	596,500.00 €	23.86 %
2 Project communication	304,300.00 €	45,645.00 €	128,000.00 €	263,975.00 €	0.00 €	0.00 €	741,920.00 €	0.00 €	741,920.00 €	29.68 %
3 Testing	260,180.00 €	39,027.00 €	1,000.00 €	226,000.00 €	223,167.00 €	0.00 €	749,374.00 €	0.00 €	749,374.00 €	29.97 %

4 Transferring	194,520.00 €	29,178.00 €	20,000.00 €	138,508.00 €	0.00 €	0.00 €	382,206.00 €	0.00 €	382,206.00 €	15.29 %
Total	1,077,000.00 €	161,550.00 €	249,600.00 €	758,683.00 €	223,167.00 €	30,000.00 €	2,500,000.00 €	0.00 €	2,500,000.00 €	
% of the total budget	43.08 %	6.46 %	9.98 %	30.35 %	8.93 %	1.20 %	100.00 %	0.00 %	100.00 %	100.00 %
ERDF	1,025,100.00 €	153,765.00 €	225,600.00 €	693,983.00 €	215,552.00 €	30,000.00 €	2,344,000.00 €	0.00 €	2,344,000.00 €	93.76 %
IPA Funding	51,900.00 €	7,785.00 €	24,000.00 €	64,700.00 €	7,615.00 €	0.00 €	156,000.00 €	0.00 €	156,000.00 €	6.24 %
Total EU funds	1,077,000.00 €	161,550.00 €	249,600.00 €	758,683.00 €	223,167.00 €	30,000.00 €	2,500,000.00 €	0.00 €	2,500,000.00 €	100.00 %

5. D.5 Net revenues (Automatically filled in)

Partner	Amount
Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	0.00 €
Athena Research and Innovation Center	0.00 €
Energy Agency of Granada	0.00 €
City Development Agency East Sarajevo	0.00 €
Energy and Environment Agency of Arrábida	0.00 €
REGION OF WESTERN GREECE	0.00 €
Metropolitan City of Milan	0.00 €

Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	0.00 €
Capenergies	0.00 €
National Institute of Applied Science	0.00 €
Total	0.00 €
% of the total budget	0.00 %
Total EU funds	0.00 €

6. D.6 Origin of partner contribution (Automatically filled in)

Partner	Name of the organisation/source of the contribution or own contribution	Nature of the private/public contribution	% of the total contribution of partners	Amount	Cash contribution
Energy and Environment Agency of Arrábida	Energy and Environment Agency of Arrábida	private	6.48 %	24,300.00 €	24,300.00 €
Capenergies	Capenergies	private	12.16 %	45,600.00 €	45,600.00 €
Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)	CIPE – Interministerial Committee for Economic Planning	public	15.60 %	58,500.00 €	58,500.00 €
Athena Research and Innovation Center	Ministry of Economy and Development	public	13.20 %	49,500.00 €	49,500.00 €
REGION OF WESTERN GREECE	Ministry of Economy and Development	public	9.40 %	35,250.00 €	35,250.00 €

Metropolitan City of Milan	CIPE - Interministerial Committee for Economic Planning	public	12.00 %	45,000.00 €	45,000.00 €
Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria	CIPE - Interministerial Committee for Economic Planning	public	9.80 %	36,750.00 €	36,750.00 €
Energy Agency of Granada	Energy Agency of Granada	public	7.12 %	26,700.00 €	26,700.00 €
National Institute of Applied Science	National Institute of Applied Science	public	8.00 %	30,000.00 €	30,000.00 €
City Development Agency East Sarajevo	City Development Agency East Sarajevo	public	6.24 %	23,400.00 €	23,400.00 €
Sub-total of public contributions			81.36 %	305,100.00 €	305,100.00 €
Sub-total of private contributions			18.64 %	69,900.00 €	69,900.00 €
Total				375,000.00 €	375,000.00 €

7. D.7 Partner budget - overview per WP/ per budget line (Automatically filled in)

Abruzzo Region - Department of Energy Policy, Air Quality and National Environmental Information System (SINA)

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	4,000.00 €	4,000.00 €	0.00 €	4,000.00 €	1.03 %
1 Project management	47,500.00 €	7,125.00 €	8,600.00 €	105,800.00 €	0.00 €	0.00 €	169,025.00 €	0.00 €	169,025.00 €	43.34 %
2 Project communication	20,700.00 €	3,105.00 €	12,000.00 €	80,825.00 €	0.00 €	0.00 €	116,630.00 €	0.00 €	116,630.00 €	29.91 %
3 Testing	0.00 €	0.00 €	0.00 €	39,500.00 €	24,002.00 €	0.00 €	63,502.00 €	0.00 €	63,502.00 €	16.28 %

4 Transferring	16,820.00 €	2,523.00 €	2,000.00 €	15,500.00 €	0.00 €	0.00 €	36,843.00 €	0.00 €	36,843.00 €	9.45 %
Total	85,020.00 €	12,753.00 €	22,600.00 €	241,625.00 €	24,002.00 €	4,000.00 €	390,000.00 €	0.00 €	390,000.00 €	
% of the total budget	21.80 %	3.27 %	5.79 %	61.96 %	6.15 %	1.03 %	100.00 %	0.00 %	100.00 %	100.00 %

Athena Research and Innovation Center

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	20,000.00 €	20,000.00 €	0.00 €	20,000.00 €	6.06 %
1 Project management	25,000.00 €	3,750.00 €	10,000.00 €	0.00 €	0.00 €	0.00 €	38,750.00 €	0.00 €	38,750.00 €	11.74 %
2 Project communication	57,000.00 €	8,550.00 €	21,000.00 €	55,500.00 €	0.00 €	0.00 €	142,050.00 €	0.00 €	142,050.00 €	43.05 %
3 Testing	70,600.00 €	10,590.00 €	0.00 €	0.00 €	11,060.00 €	0.00 €	92,250.00 €	0.00 €	92,250.00 €	27.95 %
4 Transferring	23,000.00 €	3,450.00 €	2,000.00 €	8,500.00 €	0.00 €	0.00 €	36,950.00 €	0.00 €	36,950.00 €	11.20 %
Total	175,600.00 €	26,340.00 €	33,000.00 €	64,000.00 €	11,060.00 €	20,000.00 €	330,000.00 €	0.00 €	330,000.00 €	
% of the total budget	53.21 %	7.98 %	10.00 %	19.39 %	3.35 %	6.06 %	100.00 %	0.00 %	100.00 %	100.00 %

Energy Agency of Granada

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €	1,000.00 €	0.00 €	1,000.00 €	0.56 %
1 Project management	32,000.00 €	4,800.00 €	10,000.00 €	5,600.00 €	0.00 €	0.00 €	52,400.00 €	0.00 €	52,400.00 €	29.44 %
2 Project communication	18,000.00 €	2,700.00 €	12,000.00 €	9,000.00 €	0.00 €	0.00 €	41,700.00 €	0.00 €	41,700.00 €	23.43 %
3 Testing	0.00 €	0.00 €	0.00 €	40,500.00 €	9,200.00 €	0.00 €	49,700.00 €	0.00 €	49,700.00 €	27.92 %
4 Transferring	18,000.00 €	2,700.00 €	2,000.00 €	10,500.00 €	0.00 €	0.00 €	33,200.00 €	0.00 €	33,200.00 €	18.65 %

Total	68,000.00 €	10,200.00 €	24,000.00 €	65,600.00 €	9,200.00 €	1,000.00 €	178,000.00 €	0.00 €	178,000.00 €	
% of the total budget	38.20 %	5.73 %	13.48 %	36.85 %	5.17 %	0.56 %	100.00 %	0.00 %	100.00 %	100.00 %

City Development Agency East Sarajevo

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 %
1 Project management	21,500.00 €	3,225.00 €	10,000.00 €	2,800.00 €	0.00 €	0.00 €	37,525.00 €	0.00 €	37,525.00 €	24.05 %
2 Project communication	15,300.00 €	2,295.00 €	12,000.00 €	6,200.00 €	0.00 €	0.00 €	35,795.00 €	0.00 €	35,795.00 €	22.95 %
3 Testing	0.00 €	0.00 €	0.00 €	32,000.00 €	7,615.00 €	0.00 €	39,615.00 €	0.00 €	39,615.00 €	25.39 %
4 Transferring	15,100.00 €	2,265.00 €	2,000.00 €	23,700.00 €	0.00 €	0.00 €	43,065.00 €	0.00 €	43,065.00 €	27.61 %
Total	51,900.00 €	7,785.00 €	24,000.00 €	64,700.00 €	7,615.00 €	0.00 €	156,000.00 €	0.00 €	156,000.00 €	
% of the total budget	33.27 %	4.99 %	15.38 %	41.47 %	4.88 %	0.00 %	100.00 %	0.00 %	100.00 %	100.00 %

Energy and Environment Agency of Arrábida

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €	1,000.00 €	0.00 €	1,000.00 €	0.62 %
1 Project management	20,000.00 €	3,000.00 €	12,000.00 €	0.00 €	0.00 €	0.00 €	35,000.00 €	0.00 €	35,000.00 €	21.60 %
2 Project communication	12,300.00 €	1,845.00 €	12,000.00 €	7,450.00 €	0.00 €	0.00 €	33,595.00 €	0.00 €	33,595.00 €	20.74 %
3 Testing	22,400.00 €	3,360.00 €	0.00 €	0.00 €	41,725.00 €	0.00 €	67,485.00 €	0.00 €	67,485.00 €	41.66 %
4 Transferring	10,800.00 €	1,620.00 €	2,000.00 €	10,500.00 €	0.00 €	0.00 €	24,920.00 €	0.00 €	24,920.00 €	15.38 %
Total	65,500.00 €	9,825.00 €	26,000.00 €	17,950.00 €	41,725.00 €	1,000.00 €	162,000.00 €	0.00 €	162,000.00 €	

% of the total budget	40.43 %	6.06 %	16.05 %	11.08 %	25.76 %	0.62 %	100.00 %	0.00 %	100.00 %	100.00 %
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REGION OF WESTERN GREECE

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €	1,000.00 €	0.00 €	1,000.00 €	0.43 %
1 Project management	25,000.00 €	3,750.00 €	10,000.00 €	4,000.00 €	0.00 €	0.00 €	42,750.00 €	0.00 €	42,750.00 €	18.19 %
2 Project communication	18,000.00 €	2,700.00 €	12,000.00 €	23,000.00 €	0.00 €	0.00 €	55,700.00 €	0.00 €	55,700.00 €	23.70 %
3 Testing	0.00 €	0.00 €	0.00 €	58,500.00 €	29,700.00 €	0.00 €	88,200.00 €	0.00 €	88,200.00 €	37.53 %
4 Transferring	19,000.00 €	2,850.00 €	2,000.00 €	23,500.00 €	0.00 €	0.00 €	47,350.00 €	0.00 €	47,350.00 €	20.15 %
Total	62,000.00 €	9,300.00 €	24,000.00 €	109,000.00 €	29,700.00 €	1,000.00 €	235,000.00 €	0.00 €	235,000.00 €	
% of the total budget	26.38 %	3.96 %	10.21 %	46.38 %	12.64 %	0.43 %	100.00 %	0.00 %	100.00 %	100.00 %

Metropolitan City of Milan

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €	1,000.00 €	0.00 €	1,000.00 €	0.33 %
1 Project management	32,000.00 €	4,800.00 €	11,000.00 €	5,600.00 €	0.00 €	0.00 €	53,400.00 €	0.00 €	53,400.00 €	17.80 %
2 Project communication	59,000.00 €	8,850.00 €	13,000.00 €	15,000.00 €	0.00 €	0.00 €	95,850.00 €	0.00 €	95,850.00 €	31.95 %
3 Testing	0.00 €	0.00 €	0.00 €	55,500.00 €	55,075.00 €	0.00 €	110,575.00 €	0.00 €	110,575.00 €	36.86 %
4 Transferring	14,500.00 €	2,175.00 €	2,000.00 €	20,500.00 €	0.00 €	0.00 €	39,175.00 €	0.00 €	39,175.00 €	13.06 %
Total	105,500.00 €	15,825.00 €	26,000.00 €	96,600.00 €	55,075.00 €	1,000.00 €	300,000.00 €	0.00 €	300,000.00 €	
% of the total budget	35.17 %	5.28 %	8.67 %	32.20 %	18.36 %	0.33 %	100.00 %	0.00 %	100.00 %	100.00 %

Politecnico di Milano - Dipartimento di Elettronica, Informazione e Bioingegneria

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €	1,000.00 €	0.00 €	1,000.00 €	0.41 %
1 Project management	35,000.00 €	5,250.00 €	8,400.00 €	0.00 €	0.00 €	0.00 €	48,650.00 €	0.00 €	48,650.00 €	19.86 %
2 Project communication	19,500.00 €	2,925.00 €	12,000.00 €	7,500.00 €	0.00 €	0.00 €	41,925.00 €	0.00 €	41,925.00 €	17.11 %
3 Testing	82,400.00 €	12,360.00 €	0.00 €	0.00 €	33,765.00 €	0.00 €	128,525.00 €	0.00 €	128,525.00 €	52.46 %
4 Transferring	16,000.00 €	2,400.00 €	2,000.00 €	4,500.00 €	0.00 €	0.00 €	24,900.00 €	0.00 €	24,900.00 €	10.16 %
Total	152,900.00 €	22,935.00 €	22,400.00 €	12,000.00 €	33,765.00 €	1,000.00 €	245,000.00 €	0.00 €	245,000.00 €	
% of the total budget	62.41 %	9.36 %	9.14 %	4.90 %	13.78 %	0.41 %	100.00 %	0.00 %	100.00 %	100.00 %

Capenergies

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	1,000.00 €	1,000.00 €	0.00 €	1,000.00 €	0.33 %
1 Project management	40,000.00 €	6,000.00 €	10,000.00 €	6,400.00 €	0.00 €	0.00 €	62,400.00 €	0.00 €	62,400.00 €	20.53 %
2 Project communication	65,000.00 €	9,750.00 €	11,500.00 €	46,000.00 €	0.00 €	0.00 €	132,250.00 €	0.00 €	132,250.00 €	43.50 %
3 Testing	37,780.00 €	5,667.00 €	0.00 €	0.00 €	0.00 €	0.00 €	43,447.00 €	0.00 €	43,447.00 €	14.29 %
4 Transferring	45,300.00 €	6,795.00 €	2,000.00 €	10,808.00 €	0.00 €	0.00 €	64,903.00 €	0.00 €	64,903.00 €	21.35 %
Total	188,080.00 €	28,212.00 €	23,500.00 €	63,208.00 €	0.00 €	1,000.00 €	304,000.00 €	0.00 €	304,000.00 €	
% of the total budget	61.87 %	9.28 %	7.73 %	20.79 %	0.00 %	0.33 %	100.00 %	0.00 %	100.00 %	100.00 %

National Institute of Applied Science

	Staff costs	Office and Administration	Travel and Accommodation	External Expertise and Services	Equipment	Preparation costs	Total budget	Net revenue	Total eligible budget	% total eligible budget
0 Preparation costs	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 €	0.00 %
1 Project management	40,000.00 €	6,000.00 €	10,600.00 €	0.00 €	0.00 €	0.00 €	56,600.00 €	0.00 €	56,600.00 €	28.30 %
2 Project communication	19,500.00 €	2,925.00 €	10,500.00 €	13,500.00 €	0.00 €	0.00 €	46,425.00 €	0.00 €	46,425.00 €	23.21 %
3 Testing	47,000.00 €	7,050.00 €	1,000.00 €	0.00 €	11,025.00 €	0.00 €	66,075.00 €	0.00 €	66,075.00 €	33.04 %
4 Transferring	16,000.00 €	2,400.00 €	2,000.00 €	10,500.00 €	0.00 €	0.00 €	30,900.00 €	0.00 €	30,900.00 €	15.45 %
Total	122,500.00 €	18,375.00 €	24,100.00 €	24,000.00 €	11,025.00 €	0.00 €	200,000.00 €	0.00 €	200,000.00 €	
% of the total budget	61.25 %	9.19 %	12.05 %	12.00 %	5.51 %	0.00 %	100.00 %	0.00 %	100.00 %	100.00 %

8. D.8 Project budget - overview per semesters

Reference period	Expenditure forecast per period of implementation (€)			
	Total eligible (€) of partners ERDF	ERDF	Total eligible (€) of partners IPA Funding	IPA Funding
Semester I (from 01/09/2017 to 28/02/2018)	30,000.00 €	25,500.00 €	0.00 €	0.00 €
Semester II (from 01/03/2018 to 31/08/2018)	375,100.00 €	318,835.00 €	25,600.00 €	21,760.00 €
Semester III (from 01/09/2018 to 28/02/2019)	468,800.00 €	398,480.00 €	31,900.00 €	27,115.00 €
Semester IV (from 01/03/2019 to 31/08/2019)	443,700.00 €	377,145.00 €	30,200.00 €	25,670.00 €
Semester V (from 01/09/2019 to 29/02/2020)	537,400.00 €	456,790.00 €	35,800.00 €	30,430.00 €
Semester VI (from 01/03/2020 to 31/07/2020)	489,000.00 €	415,650.00 €	32,500.00 €	27,625.00 €
Total	2,344,000.00 €	1,992,400.00 €	156,000.00 €	132,600.00 €

- V - PART E - Signature

1. E. 1. Lead partner confirmation and signature

By signing the application form the lead partner on behalf of all partners, confirms that:

- the project neither in whole or in part has or will receive any other additional EU funds (except for the funds indicated in this application form) during the whole duration of the project;
- the project partners listed in the application form are committed to take part in the project's activities and financing;
- the project is in line with the relevant EU and national/regional legislation and policies of the regions and countries involved;
- the lead partner and the project partners will act according to the provisions of the relevant national and EU regulations, especially regarding structural funds, public procurement, state aid, equal opportunities and sustainable development, as well as the specific provisions of the programme;
- the project respects equal opportunities and non-discrimination and has no harmful impact on the environment;
- the information in the application form is accurate and true to the best knowledge of the lead partner.

This engagement would be under the condition of confirming all the above mentioned information in the partnership agreement once, the project has been approved by the MED Selection Committee.

Signature

- Place and date :
- Name of signing person :
- Position of signing person :

☐☐ Signature of lead partner :

☐☐ Stamp of lead partner