



“EMPHASIS SMEs Selected Italy



PARCO SCIENTIFICO E TECNOLOGICO DELLA SICILIA

Services to SMEs



Innovation Audit

Explore SMEs capacity for innovation / Guidance for improving the innovation performance / Explore open innovation and cross-border collaborations needs / Coaching Provision.

By Jan 23

Exploitation Roadmapping

Identification of potential partners for SMEs / Development of an Action plan for the next steps / Coaching Provision.

By Jan 23

Training Seminars

Capacity Building on technical, commercial, financial & legal skills related to innovation technology transfer and establishing of OI partnerships.

By Mar 23

Twinning Activities

High quality facilitation support services to SMEs and twin partners to support them design jointly new innovative market oriented or high-risk R&D concepts in the targeted sectors /

By Apr 23

Open Innovation Missions

Enabling open innovation management by an SME/ Work in-place with potential partners on an Open Innovation project

By Apr 23

Potential/Selected Beneficiaries




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PSTS (Italy)	Beneficiaries 4+2	Sector	Solution	Targeted Countries		
				Jordan	Lebanon	Egypt
	Teracom	ICT, Digital, Industry 4.0	Digital services for Operation & Maintenance industrial processes. OIL & GAS, Power Generation industry. (predictive maintenance solution)	X	X	X
						X
	ParkSmart	ICT Smart Cities	Active in the Smart Cities sector, specialised in parking spaces monitoring using intelligent computer-vision software. (Computer Vision)	X	X	X
	MoiME	MetalMechanics	Construction of steel structures, the construction of tanks, silos iron and stainless steel, metalwork and construction of mechanical equipment (Photovoltaic parking shelter)	X	X	X
	SmartMe.IO	Information & Communication Technologies	Integration of IoT (Internet of Thing) for smart cities and industry application. (Data Collect)	X	X	X



Beneficiary 1

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Name of the Company	<i>TERACOM</i>
Name of the Solution	<i>Predictive Maintenance Analytics Software</i>
Website	<i>www.teracomsl.it</i>
Sector	<i>ICT, OIL & GAS, Power Generation Digital services ,</i>
Region/Country	<i>Sicily (IT)</i>
Targeted Countries	<i>Greece, Spain, Italy, Jordan, Lebanon, Egypt</i>
Type of partners needed	<i>Strong commercial partner with knowledge and business relations in new markets.</i>
Partners identified by beneficiary	<i>(if any)</i>
Partners identified by PP	<i>OIL & GAS, Power Generation</i>

Description of the solution/company/any other info:

Our predictive maintenance solution allows to optimize Operation & Maintenance (O&M) processes and asset performance through the supervision, calculation and analysis of diagnostic and performance indicators that make sure to identify the health of plant assets and performance degradation. The system allows the visualization of diagnostic and performance indicators on dashboards, analysis charts as well as the visualization and management of alarms. Our solution is based on the industry 4.0 paradigm and is data driven and innovative.

In particular, it implements a first Condition Based Maintenance (CBM) approach which involves diagnostic analysis (Key Diagnostic Indicator - KDI) comparing measured values to target values, taking into account the statistical significance of the deviation.

The second approach, on the other hand, is purely predictive and implements the projection of indicators over time in order to estimate the RUL (Remaining Useful Life).

Beneficiary 4

EMPHASIS

Name of the Company	<i>Park Smart srl</i>
Name of the Solution	<i>AiSee Computer vision IoT platform to be able to change any camera in a new sensor</i>
Website	<i>www.parksmart.it</i>
Sector	<i>ICT Smart Cities</i>
Region/Country	<i>Sicily (IT)</i>
Targeted Countries	<i>Greece, Spain, Italy, Jordan, Lebanon, Egypt</i>
Type of partners needed	<i>Partners having contacts with smart city, utilities companies</i>
Partners identified by beneficiary	<i>(if any)</i>
Partners identified by PP	<i>Municipalities, Ports, Parking Areas</i>

Description of the solution/company/any other info:

AiSee is a Computer vision IoT platform to be able to change any camera in a new sensor. Trough an IoT the video stream from the camera can be analyzed by multiple computer vision software in order to detect several elements presents on the video sensor view and send just the analyzed data to the cloud. All the video are analyzed in real time without recording or sending image abroad in order to protect privacy of any user that pass trough the camera view and respect the GDPR. Trought this platform it is possible upload different software as in a APP store without sharing image to the app developer.

Beneficiary 5



EMPHASIS

Name of the Company	<i>MO.I.ME. di Mole G. & C s.a.s.</i>
Name of the Solution	<i>Photovoltaic parking shelter, with charging column to allow parking, car charging and energy storage</i>
Website	<i>www.moime.it</i>
Sector	<i>Metal-Mechanics, Construction</i>
Region/Country	<i>Sicily (IT)</i>
Targeted Countries	<i>Greece, Spain, Italy, Jordan, Lebanon, Egypt</i>
Type of partners needed	<i>Distributors, energy-intensive companies, electricity producers, photovoltaic panel producers, charging columns, batteries</i>
Partners identified by beneficiary	<i>(if any)</i>
Partners identified by PP	<i>Parking in Structure</i>

Description of the solution/company/any other info:

The core business of Mo.I.Me. is the construction of steel structures, the construction of tanks, silos iron and stainless steel, metalwork and construction of mechanical equipment for feed mills, flour mills, sawmills marbles, formwork panels for structure and solar trackers.

The UNI EN ISO 3834-3: 2006 of ns. welding procedures and certification of our products welders has allowed us to improve our welding and non-destructive testing. The company make articulated projects and interventions within institutional fields with signage in tourist, accommodating, commercial and management structures.

Beneficiary 6

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Name of the Company *SmartMe.IO*

Name of the Solution *Design and development of Hardware solutions*

Website *smartme.io*

Sector *ICT Information & Communication Technologies*

Region/Country *Sicily (IT)*

Targeted Countries *Greece, Spain, Italy, Jordan, Lebanon, Egypt*

Type of partners needed

Partners identified by beneficiary *We look for new markets. Also interested in collaboration with qualified partners working on application and services development. We have already several partnerships with companies in Italy. We also look for people interested in commercializing our solutions and follow the market.*

Partners identified by PP

Description of the solution/company/any other info:

Design and development of Hardware solutions based on the Arancino stack.

Support of the Stack4Things framework, and evolution of OpenStack that includes IoT.

Exploitation of edge computing capabilities. Use of Artificial Intelligence to manage the data collected. Use of blockchains to make secure the whole framework. Application in smart cities and Industries. Application in the fields of Sustainable Production, Energy efficiency Sustainable buildings and cities, Smart communities / cities with low energy consumption and almost zero emissions, Development of smart infrastructure and transport systems, ICT approaches (AI, Data mining, etc.) to applied fields like agritech, fintech