

# INTERREG MED Programme

2014-2020

## ESMARTCITY

Enabling Smarter City in the MED Area through Networking

(3MED17\_1.1\_M2\_022)

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

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

**WP3 – Testing**

**Activity 3.3 – Pilot Testing**

**Deliverable 3.3.2 – Pilot Capacity Building – Partner LP**

Contractual Delivery Date: **27.12.2019**

Project Coordinator: **Iris Flacco (LP – ABREG)**

Dissemination Level		
PU	Public	X
PP	Restricted to Programme Partners and MED Programme	
RE	Restricted to a Group defined by the Partnership and MED Programme	
CO	Confidential, only for members of the partnership and MED Programme	

## Contents

1.	Introduction .....	pag 2
2.	Content of the capacity building workshop .....	pag 3
	Innovative and Smart SMEs: awards and best practices .....	pag 14
3.	Capacity building workshop .....	pag 16
4.	Publicity measures and material.....	pag 18
	Photo-shootings of the capacity building workshop .....	pag 19
	Publicity in media.....	pag 20
5.	Annexes	
	Annex 1 – Agenda of the Event.....	pag 21
	Annex 2 - Letter of invitation for event .....	pag 22
	Annex 3 – Certificate of the sustainability of SMEs .....	pag 23
	Annex 4 - Questionnaire content.....	pag 24

## 1. Introduction

WP3 aims at testing Smart City concepts in the partner areas. Testing challenges are twofold:

- (i) to increase the level of innovation in MED cities by enriching city infrastructure via smart devices, embedded systems and sensors/actuators, seamlessly integrated and interoperable, and deploying on top of them novel applications / services increasing the level of well-being of the citizens, and
- (ii) to enhance the innovation potential of SMEs in the partner areas through Capacity Building interventions targeting the transfer of knowledge towards them and enrolling them into experimentation and co-creation activities, empowering their deployment of innovative applications / services on top of city infrastructures.

**Activity 3.3** is dedicated to Pilot Testing. It takes into account preparatory work done in Activity 3.2 and more specifically Feasibility Study, Methodology for Testing and Pilot Deployment Operational Plan Framework, in order to allow a multi-national multiple site pilot testing under a common methodological framework. Activity 3.3 comprises two different deliverables:

- **D.3.3.1** on Pilot Testing related to the transnational pilot deployment in the partner territories driven by the Pilot Deployment Operational Plan framework, and
- **D.3.3.2** on Pilot Capacity Building offering Capacity Building services towards SMEs of the project networked community associated with the Smart City concept in general and the individual pilot deployments in particular.

## 2. Content of the capacity building workshop

The main objective of the capacity building activity is the transfer of the innovative and smart public lighting system realized in the city of Pescara as test beds for deployment by SMEs of new applications/services. It is envisaged that both clustered SMEs and innovative SMEs networked by the project will be enhanced through relevant capacity building. Capacity building is offered in the framework of testing, relevant to the pilot activities and the resulting pilot case. In this context innovation potential of SMEs is enhanced, assisting the overall MED area innovation enhancement.

In implementing the capacity building activities tailored for SMEs, Abruzzo Region has involved an important association of small and medium enterprises named CNA Abruzzo.

CNA is the National Confederation of the Craft Sector and Small and Medium Enterprises, which counts 130 employed, 14 offices and represents 10.000 enterprises in the region of Abruzzo. The confederation has contributed to the ESMARTCITY project to sustain the activities of the SMEs and micro companies on capacity building, smart city and smart building. In details, the activities performed are:

1. Setting up and submission of the questionnaire, results analysis and identification of the potential smart strategies implementation.
2. Analysis of the questionnaire results e gathering innovative project ideas and examples of good practices within the associated enterprises;
3. Organization of workshop/event for the presentation of the elaborated data and for awarding the identified selected projects;
4. Publication of the event related documents
5. Survey of the satisfaction level and critical stand points of SMEs.

Actions 1, 2 and 3 have been already implemented.

The publication of the documents will be accomplished within March 2020

Survey of the satisfaction level and critical stand points of SMEs.

Managing energy represents a matter of absolute importance for an economic system and imposes a serious programmatic framework, capable of addressing the issue of energy supply from different points of view. Energy is in fact a strategic issue for the development of the country.

In the project activities, the determination of the state of satisfaction and criticalities had the following objectives:

- determine the level of satisfaction with energy supply and the energy infrastructure network
- determine the level of criticality on energy supply and on the energy infrastructure network

The survey of the satisfaction level and criticalities was carried out with the enterprises that participate actively and on daily-based level in the work of the regional management and the presidency of the confederation and in the 15 companies selected for the submission of the questionnaires. The detection of the state of satisfaction and criticality was carried out in "one-to-one" method. In order to obtain a more heterogeneous sample, the survey was carried out on different days and times. The survey phase lasted about a week during the month of January 2020. N.45 entrepreneurs were involved.

The critical issues that emerged from the entrepreneurs are the following:

- high energy prices compared to competitors
- inadequate investments in import and storage infrastructures
- poor diversification of supply sources
- scarce use of cogeneration and micro-cogeneration systems
- vulnerability of the national energy system
- inadequacy of the treatment plants
- insufficient economic sustainability related to energy efficiency interventions

The satisfactions that emerged from the entrepreneurs are as follows:

- high attention and awareness actions implemented by the institutions
- good promotion related to the recovery policy of the sector
- moderate improvement by the Public Authorities in energy efficiency on buildings and real estate assets
- transport sector: excellent measures for moving passengers from private to collective mobility; transport of goods from road to rail; vehicle efficiency

The responses of entrepreneurs, with whom to measure the level of satisfaction with respect to the factors for detecting the state of satisfaction and criticality, were based on a scale made up of 4 elements and 5 levels of satisfaction:

Extremely unsatisfied					Total SMEs
Unsatisfied					n.5
Satisfied					n.25
Extremely satisfied					n.15

To enable the objectives' achievement, a massive investment plan is needed to encourage interventions in circular economy, urban regeneration, transport and sustainable tourism, adaptation and mitigation of the risks on the territory deriving from climate change and, in general, investment programs and /or innovative projects with high environmental sustainability which take into account social and economic impacts.

The so-called "Green New Deal", contained in the 2020 budget draft plan, seems to be moving in this direction, in a form of a structured investment plan for measures aimed at sustainability and decarbonisation.

### ***Objectives of the event and expected results***

The event of capacity building tailored for SMEs has been organized on December 19, 2019 at Museo delle Genti d'Abruzzo in Pescara from 9am to 1pm.

The main objective of the event has been to favor and promote capacity building, smart city and smart building concepts starting from the pilot project of public lighting implemented by the city of Pescara. The event aimed also at:

- increasing knowledge of SMEs on energy efficiency and support the network of efficiency SMEs ;
- favouring energy efficiency system and transfer information between SMEs
- creating conditions for making energy efficiency interventions on building/enterprises.

### ***Target groups of the event***

Target groups of the event are represented by the SMEs operating in the craft sector, fashion, logistic and transport. The participants attending the Capacity Building workshop were representatives of schools, SMEs' associations, Chamber of Commerce, Innovation Cluster, Professional and Innovation networks, entrepreneurs and citizens.

### ***Methodology adopted to reach objectives***

In order to achieve the objective, Capacity Building workshop was conceived to:

- Involve 2 public framework–Professional/technical clusters of the fashion and logistic/transport sector;
- Raise awareness about the ESMARTCITY project and its content;
- Introduce the survey developed within the project and results of the analysis performed;
- Discuss the connections between SMEs and Smart City/smart building;
- Obtain feedback and opinions from the participating SMEs;

## **Survey data elaboration and identification of possible smart strategies**

### **Questionnaire "Smart Building" pilot Capacity Building workshop - organized in the framework of the ESMARTCITY project, funded by the Interreg Med Program**

The questionnaire which has been developed within the ESMARTCITY project by the dedicated task force, was submitted to enterprises between November and December 2019. The questionnaire had aim to effectively pursue the project objectives and the following survey method was applied:

- 1. DATABASE OF CNA ABRUZZO:** the database has been set-up in the last 30 years and counts the associated enterprises of the National Craft Trades and Small-and Medium-Sized Enterprises Confederation in Abruzzo; the database is segmented by sector of activity, company registry, territorial location and province to which each enterprise belongs, description of the activity, INPS INAIL data, classification of Ateco code; connection to credit access data and Infocamere data.
- 2. MAILING LIST:** based on the database, a mailing list was drawn up in order to inform periodically all associated enterprises; the mailing activity is aimed at raising enterprises' awareness about the importance of their participation in the indicated survey and encourage their action.
- 3. DIRECT E-MAIL MARKETING:** about 10.000 companies were reached by the means of a dedicated newsletter and direct e-mailing activity.
- 4. TERRITORIALITY:** the survey has been submitted to the companies located in all provinces (4)
- 5. SURVEY METHOD ADOPTED:** with aim to encourage the entrepreneurs, the survey method envisaged consisted in filling out the questionnaire directly via email or at the premises of the CNA Abruzzo; the filling out of the questionnaire was supported and facilitated by the assistance of the CNA working group. The submission system, in order to better reach the objectives of the survey, was not based on the use of automatic software modules and call re-scheduling; instead everything was done informally in "one-to-one" relation among the entrepreneurs and the CNA project staff. The submission was preceded by an internal meeting of the CNA Abruzzo working group in order to better coordinate and manage the organizational and operational phase of the survey.



6. **QUALITATIVE SURVEY:** the survey was oriented towards qualitative research as it focuses on a reduced sample of enterprises, submitting them the questionnaire, thus collecting a quantity of details relating to the questions asked. Qualitative research is a type of empathic, empirical, exploratory, direct, physical research. It is aimed to understand the reasons, the motivations, the opinions, an orientation. In qualitative research, empathy must arise between the two sides: in fact, there have been direct relationships between the CNA working group and the enterprises for many years; finally we highlight that the data collected in their integrity can be identified as subjective.
7. **IDENTIFYING SMEs:** the CNA Abruzzo working group, starting from the CNA database, has identified 100 innovative start-ups registered in the last 3 years in the Chamber of Commerce enterprises register and 100 traditional enterprises registered with CNA Abruzzo. The number of enterprises identified is consistent with the type of investigation and its purpose. The following sectors emerged in the identification of companies: fixture and window fastening companies, systems and installers, community services, mechanics, agro-food, fashion, transport, tourism.
8. **SMEs SELECTION:** the CNA Abruzzo working group is composed of the CNA's regional director, energy office manager, business development manager, training director and European project office manager. Since the number of enterprises identified was defined, the final selection was aimed at involving 15 companies in line with the following principles: active participation in the association; business experiences; the previous involvement of enterprises in European projects and institutional initiatives and in sustainability projects. The selection followed a simple, effective and objective method for the purposes of the project. The deadline for filling out the questionnaires was scheduled for December 8<sup>th</sup>, 2019.

## Analysis activity

The aim of the survey was to understand the state of the art in terms of capacity building, smart cities, smart buildings from the point of view of the Abruzzo production system.

The questionnaire, in view of the simplicity referred to, consisted in 8 open questions based mainly on smart building and concerning a specific topic: the smart concept within an enterprise.

As already introduced in the working methodology, only those enterprises that respected the deadline and the selection criteria previously stated were taken into consideration.

The first 2 aspects relevant to the submission of questionnaires to enterprise were the following:

- low interest of entrepreneurs in the first information phase; most likely derived from the general mistrust facing enterprises in recent years.
- lack of awareness of entrepreneurs about energy efficiency measures within their enterprise: some entrepreneurs do not recognize, for example, that replacing LED lamps inside workplaces are considered as "energy efficiency"

The submission of the questionnaires to the 15 selected companies showed a good level of sensitivity towards the topic related to the smart city and smart buildings by the enterprises:

To the question "Describe the industrial / economic / social problems to be solved and / or business opportunity you intend to address" emerged that enterprises require greater attention to the promotion of private public initiatives on sustainability within the productive ambient called MICRO (enterprises under 9 staff-units); a greater economic effort to support investments; a greater dialogue between institutions, entrepreneurs and citizens. In relation to incentives and economic resources made available through POR FESR calls (Regional Operational Plans financed by the ERDF), all enterprises have expressed an excellent level of information - from the sector companies, from the Abruzzo Region and related in-house structures, from the Chamber of Commerce and some accountants.

To the question "Situation from 'idea to application', or from 'lab to market'. Reference to Technology Readiness Levels where relevant Application of the technology for my company is exclusive on change vehicle (from gas / petrol in electric or hybrid) and regulation plan", the entrepreneurs did not declare particular difficulties or shortcomings in the introduction of technologies and / or innovation in their enterprises.

In addition, the analysis regarding the survey tools, showed a low-level of usage of the electronic self-filling out and, instead, a good direct one-to-one filling out.

In this document, part of the data emerging from the submission of the questionnaires has been graphically displayed:

The **chart 1** refers to the types of energy efficiency measures: introduction of photovoltaic panels, replacement of LED lights, thermal insulation, boilers, recycle materials; and other identifiable in solar water heating, energy saving machines, project skills and ict the largest number of enterprises, precisely n.7, has introduced energy efficiency through the replacement of classic lamps with led ones, 6 enterprises have installed the photovoltaic system on their own roof, 3 enterprises opted for thermal insulation, 2 for boilers, 4 enterprises for recycling materials; 4 enterprises fall into the category defined as other, that is solar water heating, energy saving machines, project skills and ict; only 1 enterprises did not innovate anything even though it declared that it was aware of having to start a short-term energy efficiency implementation plan.

In **chart 2** called "SMEs and micro enterprises invest in efficiency" it was reiterated that almost the majority of the enterprises analyzed (90% of the enterprises) consider the investment in energy efficiency as essential.

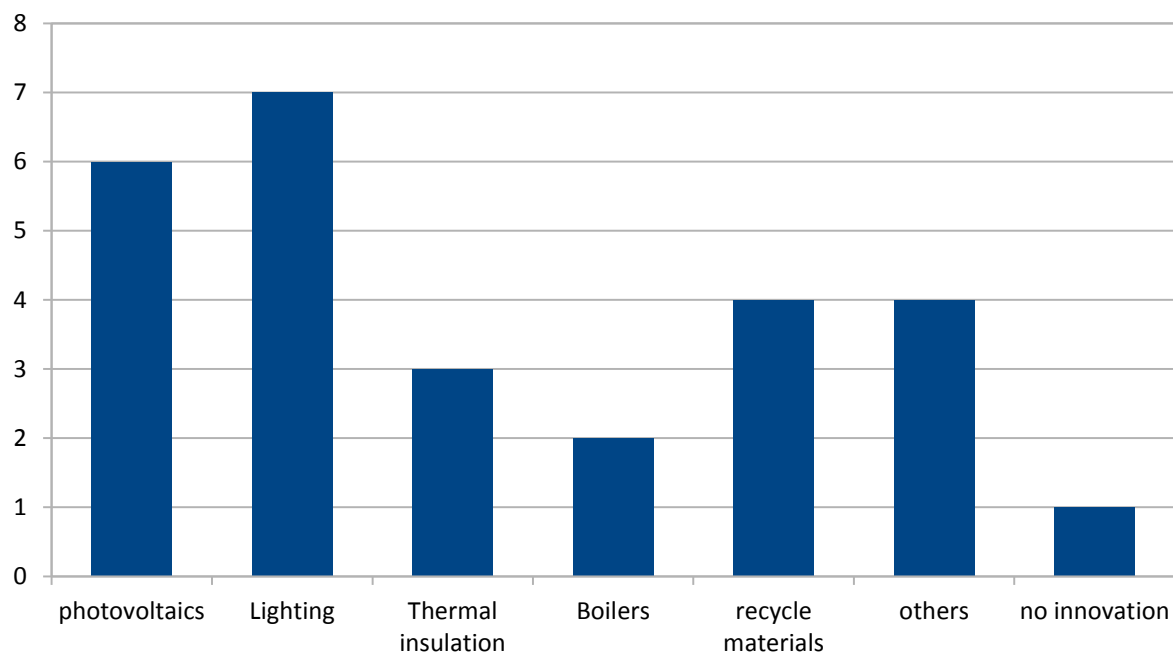
In **chart n.3** it was our concern to understand if behind the investment there could be a precise motivation; in particular if there were regional public grants with non-repayable dedicated funds or the entrepreneur considers investing in efficiency for the growth of his enterprise: 10 companies replied that the economic support from the region was decisive for initiating investment on energy efficiency; only one enterprise has no intention of using public funds as they are considered unsuitable: long bureaucratic times, requests to participate and complex reporting procedures. Only one enterprise did not intend to answer the question.

The **Chart 4** is an expression both for the level of connection between enterprises and smart cities and between the business opportunities of enterprises and energy efficiency: all enterprises (100%) declared that the concept of sustainability, the smart city and smart building represent a common and decisive point for the socio-cultural and economic progress of the territory.

The **Chart 5** "SMEs and Sustainability and efficiency must continue after job/building" represents the percentage of enterprises that are keen on smart building / city concept which continues throughout the day, even after working hours; 8 enterprises (60% of entrepreneurs) said that once left the work environment it is necessary to maintain a sustainable profile such as, returning home by bike, using a bike or car sharing; 7 enterprises (40%), although they did not express a negative opinion, did not show particular interest to this question; they probably hinted that sustainability ends with the work and the closure of the enterprise.

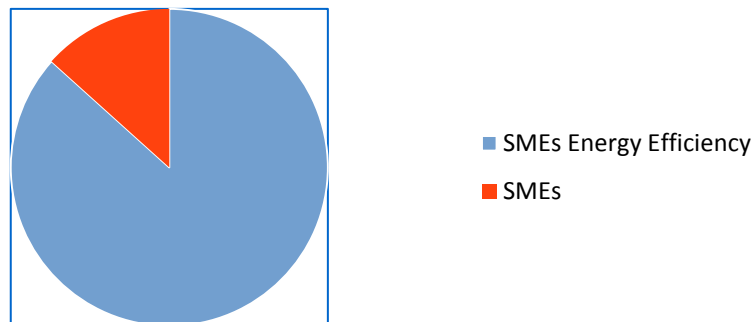
We can conclude that from the analysis it can be seen how the concept of sustainability is present in the entrepreneur economic sector, and yet how much work there is still to be done and about the role that the public institutions can have in terms of promoting and disseminating information. Furthermore, we can observe that some micro-enterprises do not pay particular attention to energy efficiency for the following reasons: they do not know the amount of annual energy costs; they are not aware of the importance of the role of an energy consultant (heavy economic commitment); that energy saving incentives are not (enough) stimulating for SMEs; the implementation of actions in favor of energy saving sometimes requires important investments, although there is a clear lack of knowledge on alternative sources of financing;

### Introduction of energy efficiency within the enterprises



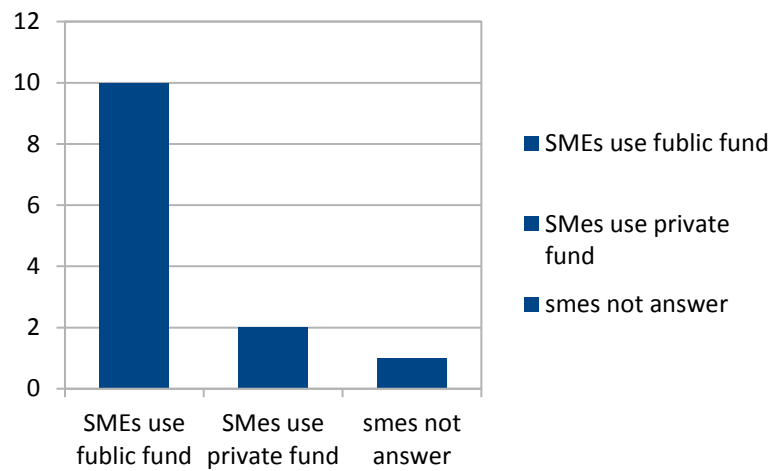
**CHART 1**

### SMEs and Micro Enterprises invest in efficiency



## CHART 2

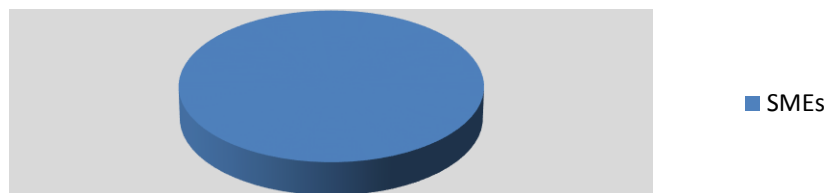
### SMEs and Micro Enterprises: USE Public/Private Fund



## CHART 3

Connection between enterprises  
 sustainability

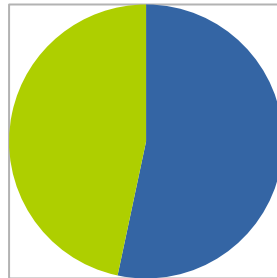
Business idea oriented on and smart city



Legend: all companies surveyed said they were involved on sustainability business and smart city process 100%

## CHART 4

SMEs and Sustainability and efficiency  
must continue after job/building



Blue\_SMEs \_ Favorable, 60%

Green\_ SMEs\_ not favorable 40%

## CHART 5

### Innovative and Smart SMEs: awards and best practices

The activity of the project intends to collect sustainable and smart business idea in the micro, small and medium enterprises of Abruzzo Region. In relation to the “award and best practices”, the innovative ideas and examples of good practice were gathered within the enterprises - CNA's associates. In particular, reference was made to the 2018 and 2019 year changes award that CNA organizes at national level. The award is announced having as main objective the reducing of the Confederation's gap in the sector related to the new-born enterprises. The aim of the award is to reward enterprises that have brought about any change in economic, social, cultural, community and other terms. These are new-born enterprises and therefore it is also necessary to evaluate them adopting the sustainability approach of the same new enterprise in the future. Finally, it is necessary to evaluate the quality of a business project also in relation to the levels of sustainability and connection to smart concepts. A jury was made up of managers from the manufacturing sector

A dedicated established jury group was composed by Director of Technical and Professional Cluster of the Fashion and Logistic/Transport, regional director of CNA Abruzzo, expert in Innovation and manager on energy sustainability.

The requirements and criteria against which enterprises have been evaluated for the award are: innovation business idea, business and territoriality, market and competitiveness, sustainability, social and cultural impact.

The goal of the activity was to support and favor the concept of sustainability in enterprises. Finally, **n.3 enterprises have been awarded with a sustainable certificate** during the event held in Pescara as follows:

**INTERAPTIVE & LECCEWAVE** are 2 awarded enterprises thanks to the project VAMOS implemented in collaboration with Vasto Municipality. The project VAMOS core activities are mobility, road conditions and urban pass (certification). VAMOS provides services of bike sharing, walking tourism, intelligent moving, parking permit, information on ZTL (Limited Traffic Areas), time plan of public transport. The same project has been replicated in other small cities. It was awarded as best practice because the experience, procedures or actions put in place on the local territory have made possible to reach the best results, in relation to various contexts - entrepreneurial, institutional, citizen - and the objectives set out.

**CETEAS** is an enterprise specialized on sustainable mobility. It has developed the patent SHELTER - an innovation of process in the logistic transport specialization in the last mile. SHELTER identified as best practice was implemented in partnership with University of L'AQUILA, Fiat Professional, Abalog and cluster of automotive innovation. SHELTER is the standardization of the modules, intelligent moving of the foods, low gas emission, low investment and saving of space and consumption.

**DYLOAN** Manufacturing Technologies for Fashion, Art and Design born on 1987 with the goal of finding new ideas and offering innovative solutions for the fashion industry. They research, design and produce in the fields of fashion, art and design, pursuing the principles of sustainability and transparency. In addition, they offer whole collections and specialty products with an extreme flexibility of process and through technologies that have allowed, over the years, to anticipate the application in the world of fashion, art and design. The complex and varied structure meets a balance between technological development and



the desire to preserve the value of craftsmanship paying attention to the details that uniquely characterize the productions. A number of replicable best practices have been identified, in particular that relating to the project on recycling and reuse within the enterprise involving a group of 15 young people; every dyloan specification is possible to consult on its page

### **3. Capacity building workshop**

The event held in Pescara was preceded by several meetings to establish coordination and operational management. The working group sent a letter to the institutions, to the enterprises in order to inform about the project activities. CNA has sent a newsletter to promote the event and encourage participation in coordination with Abruzzo Region.

The event was the occasion to capitalize and connect in synergic manner also other initiatives financed by the Abruzzo Region: the promotion and participation of regional Technical and Professional Centers through a dedicated desk during the morning; the intent was to focus the interest of the participants on project objectives.

The event opened with the introduction by the Abruzzo Region of the activities and objectives of the ESMARTCITY project. Focus has been made on the 9 pilot projects implemented within the project with particular attention to the pilot project of the municipality of Pescara. The stakeholders white paper has been presented and discussed.

The CNA Abruzzo intervention highlighted a set of links between enterprises and the smart city concept. CNA focused the “smart city” concept while also highlighting 3 smart concepts of entrepreneurs: a) Entrepreneur of Transport Sector, micro, 4 employment, innovation ideas of smart city concept: to distribute fruit and fish by electric transport; timetables, sustainable areas; unloading of goods connected to ICT, home automation, within Pescara City; b) Entrepreneur of Fashion sector, identified the smart city with his company through a runner T-shirt : an integrated system of microelectronics and sensors, the garments will allow:

- to disperse thermal energy more quickly;
- manage the brightness systems worn (via LEDs and optical fibers) according to the external light conditions;
- collect physical performance and air quality data;

- examine the data through an app downloadable on mobile devices and choose the paths of the urban areas where the air quality is higher;
- report the entry and presence of the operator in hazardous areas by automating activation of optical fibers or LEDs in the worn garment. C) Last but not the least entrepreneur of Tourism sector highlight smart city and RECLAIM the space, free time, use of sustainability transport as Bike. Just to visit every city together, walking, smile and talk is a connection to experiential Tourism and smart city.

The following interventions were dedicated to the experiences of the Professional Technical Centers (PTP - Polo Tecnico Professionale). The interventions focused attention on the PTPs seen as a tool promoted by the Abruzzo Region with aim to adapt the skills of human capital to the ever new demands of enterprises, in order to support the competitive consolidation and the repositioning of regional production and industrial realities. PTPs should become a point of reference for people and enterprises, who will be able to recognize in them the spot where takes place the matching between demand for certain competences and skills which is consequently translated in offer by the means of training and specializing of the workers. The consolidation of PTPs passes through the ability to create a "district of competences" where strategic sectors and expanding sectors can intercept professional capacities able of contributing to the economic development of the Region. The poles presented themselves as good practices to be replicated in all economic sectors. In the final part of the event the enterprises awarded with sustainability certificates took floor. These were 3 enterprises: Interaptive and Leccewave (vast CH) Ceteas (Pescara PE) and Dyloan (Chieti CH). Each enterprise briefly illustrated their experience and best practice.



#### 4. Publicity measures and material

##### Photo-shootings of the capacity building workshop



*Workshop audience and speakers during their presentation*







*Enterprises awarded with certificates of sustainability by the CNA*



## Publicity in media

The event received wide publicity in digital and traditional media

### Traditional media

#### RadioTv – rete 8

#### Press release – Michela Ridolfi

#### CNA communication – news letters

[https://www.youtube.com/watch?v=8CSIIId\\_mePg#action=share](https://www.youtube.com/watch?v=8CSIIId_mePg#action=share)

<http://www.metronews24.it/2019/12/20/citta-intelligenti-per-imprese-abruzzesi/54054/>

### **Digital media**

[https://www.askanews.it/cronaca/2019/12/19/abruzzo-campitelli-per-smart-city-sinergia-pubblico-imprese-pn\\_20191219\\_00278/](https://www.askanews.it/cronaca/2019/12/19/abruzzo-campitelli-per-smart-city-sinergia-pubblico-imprese-pn_20191219_00278/)

<https://www.abruzzoweb.it/contenuti/smartcity-e-reti-della-sostenibilita-evento-cna-a-pescara-/711346-2/>

<http://www.regione.abruzzo.it/content/energia-pescara-convegno-sulle-smart-city>

[https://it.geosnews.com/p/it/abruzzo/smartcity-e-reti-della-sostenibilita-evento-cna-a-pescara\\_27271294](https://it.geosnews.com/p/it/abruzzo/smartcity-e-reti-della-sostenibilita-evento-cna-a-pescara_27271294)

<http://www.metronews24.it/2019/12/20/citta-intelligenti-per-imprese-abruzzesi/54054/>

### **Social Media**

<https://www.facebook.com/cnaabruzzo.it/photos/pcb.2566469850264633/2566467816931503/?type=3&theater>

<https://www.facebook.com/cnaabruzzo.it/photos/pcb.2566469850264633/2566467873598164/?type=3&theater>

<https://www.facebook.com/ptp.politecnicoprofessionale/photos/pcb.574127400074017/574125813407509/?type=3&theater>

<https://www.facebook.com/ptp.politecnicoprofessionale/photos/pcb.573213903498700/573212373498853/?type=3&theater>

<https://www.facebook.com/cnaabruzzo.it/photos/a.1792461017665524/2562774923967459/?type=3&theater>

<https://www.facebook.com/pg/PTPModa/posts/>

## Annex 1 – Agenda of the Event

# SMART CITY\_ RETI PER LA SOSTENIBILITÀ DALLA MODA AI TRASPORTI, LE CITTÀ INTELLIGENTI A MISURA DI IMPRESA

**19 DICEMBRE 2019, PESCARA**

SALA FAVETTA – MUSEO DLE GENTI D'ABRUZZO - PESCARA

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## AGENDA

- 9.00**      **Registrazione dei partecipanti**
- 9.30**      **Apertura dei Lavori**  
**Saluti dei Rappresentanti Istituzionali**  
Il Progetto *ESMARTCITY* nell'ambito del Programma InterregMED,  
Iris Flacco, Dirigente della Regione Abruzzo  
**Smartcity e Smart Building**  
Mirco Mirabilio, CNA Abruzzo  
**Le reti territoriali e i PTP della Regione Abruzzo**  
Regione Abruzzo
- 11:00**      **Esperienze dei Poli Tecnico Professionali**  
Giovanni Di Michele, Moda e sostenibilità-Presidente ITS Moda  
Antonio Di Cosimo, Mobilità sostenibile- Vice Presidente Polo Inoltra
- 11.30**      **Imprese, eccellenze e sostenibilità,**  
Graziano Di Costanzo, CNA Abruzzo  
**Premiazione dei PROGETTI INNOVAZIONE SMART aziende**  
Servizio Politica Energetica Qualità dell'aria SINA e Risorse Estrattive della  
Regione Abruzzo  
**Presentazione della Carta degli Stakeholders: un tavolo permanente  
per la crescita del territorio**  
Servizio Politica Energetica Qualità dell'aria SINA e Risorse Estrattive della  
Regione Abruzzo
-

## Annex 2 - Letter of invitation for event

*La Cna Abruzzo, alla luce della collaborazione con la Regione Abruzzo nell'ambito del progetto europeo ESMARTCITY invita la S.V. a partecipare, giovedì 19 dicembre prossimo, all'evento "Smartcity e Reti della sostenibilità. Dalla moda ai trasporti le città intelligenti a misura d'impresa".*

*Il progetto ha l'intento di migliorare le capacità innovative delle città attraverso la creazione di ecosistemi che coinvolgono cittadini, imprese, ricerca, università e autorità pubbliche. Il concetto smart, d'intelligenza, è connesso alla mobilità sostenibile, alla produzione del settore manifatturiero e all'efficiamento energetico delle imprese.*

*Nell'occasione, la Regione Abruzzo presenterà la "CARTA DEGLI STAKEHOLDERS" e inviterà le parti economiche e sociali a sottoscriverla al fine di promuovere e favorire la sostenibilità, la qualità della vita e dell'ambiente e l'inclusione sociale.*

*Saranno presentati alcuni casi aziendali di successo e riconosciuti attestati di merito a impresa che si siano distinte nel campo della sostenibilità.*

*L'evento coinvolgerà due reti territoriali: il Polo Tecnico Professionale PTP della MODA e quello dei TRASPORTI; entrambi illustreranno il concetto di città intelligente e presenteranno i risultati raggiunti attraverso i rispettivi osservatori.*

*Fiduciosi di un riscontro favorevole al nostro invito, porgiamo i più distinti saluti.*

### Annex 3 – Certificate of the sustainability of SMEs





## Annex 4 - Questionnaire content

### Enabling Smarter City in the MED Area through Networking

#### **“Smart Building” pilot Capacity Building workshop**

**Organized in the framework of the ESMARTCITY project, funded by the Interreg Med Programme**

12<sup>th</sup> July 2019 in Lyon (France)

1. Contact name
2. Position/Role in the organization
3. Enterprise general information  
Summary of innovation in the field of smart city building/smart city lighting

*Technology or/and service description*

4. Situation from ‘idea to application’, or from ‘lab to market’.

*Refer to Technology Readiness Levels where relevant*

*Application of the technology for my company is exclusive on change vehicle (from gas/petrol in electric or hybrid) and regulation plan*

5. Targeted end-user/market private sector
6. Describe briefly your project(s) and experience(s) on the field of smart city

*The project intends to sustain the distribution of the goods within the city only with electric/hybrid vehicles. Every city must to be a municipality regulation plan. Electric columns as if they were a car distributor*

7. Describe the industrial/economic/social problems to be solved and/or business opportunity you intend to address.
  - a) At the local level planning - incentive – funds - infrastructure
  - b) Addressing EU-wide/global challenges

### **Smart City Network Community**

Our request is due to the EU General Data Protection Regulation (GDPR) that comes into effect on May 25, 2018. To help comply with GDPR consent requirements, we need to confirm that you would like to receive content from us. By clicking the opt in box below you give us your explicit consent for collecting and using your personal data.

The ESMARTCITY project will use the information you provide on this form only to be in contact with you and to provide updates about our activities, as members of the ESMARTCITY Network Community. We will treat your information with confidentiality and will not be transferred to any third party.

Tick the box of your choice\* ☐ Opt in or ☐ Opt out