

The power of innovation



Genova Smart Week - III edition

2017 Genoa
20-24
November

EVENT PROGRAMME

GENOA

20 – 24 November 2017



Promoted and Organized by  

Technical and Organizational support:  ClickutilityTeam

AT A GLANCE

20 – 24 November

HE = HOSTED EVENT

MONDAY 20th NOVEMBER	
<i>Palazzo Tursi - Salone di Rappresentanza</i>	
MORNING	 <p>8.30 a.m. – 1.15 p.m.</p> <p>GENOVA SMART WEEK OPENING CONFERENCE</p> <p><i>Simultaneous translation ita-eng-ita will be provided</i></p>
AFTERNOON	 <p>2.30 p.m. – 6.30 p.m.</p> <p>BUSINESS MODELS & SOLUTIONS for the development of the Smart City</p> <p>Thematic session <i>New models of economic sustainability</i></p> <p><i>Simultaneous translation ita-eng-ita available</i></p>



TUESDAY 21st NOVEMBER

Palazzo Tursi - Salone di Rappresentanza

MORNING



8.00 a.m. – 1.00 p.m.

ENTERPRISE 4.0

Thematic Session

From Industry 4.0 to Enterprise 4.0: Government policies, technology overviews and best practices

Simultaneous translation ita-eng-ita available

AFTERNOON



2.00 p.m – 5.00 p.m

ENTERPRISE 4.0

Thematic Session

From digital development to the new frontiers of research and to business internationalization strategies. The new role of cities in the global context

Simultaneous translation ita-eng-ita available

AFTERNOON



5.00 pm. – 6.00 p.m

GREEN SOLUTIONS for urban regeneration

Workshop

**“URBAN AGENDA FOR THE EU -
Climate Adaptation Partnership”**

Hosted by Genova Smart Week






Organized by Genoa Municipality

Simultaneous translation ita-eng-ita available



WEDNESDAY 22 nd NOVEMBER		
	Palazzo Tursi Salone di Rappresentanza	Palazzo Tobia Pallavicino Salone del Bergamasco
MORNING	 8.30 a.m. – 1.00 p.m. URBAN PLATFORMS Innovation for the transformation of cities Thematic Session Innovative technology platforms to develop a sustainable city <i>Simultaneous translation ita-eng-ita available</i>	 9 a.m. – 1.00 p.m. URBAN PLATFORMS Innovation for the transformation of cities Workshop “R2CITIES Project” Hosted by Genova Smart Week <i>In cooperation with the Municipality of Genoa</i> <i>Simultaneous translation ita-eng-ita available</i>
	 2.00 p.m. – 6.00 p.m. URBAN PLATFORM – ENTERPRISE 4.0 First Session Focus “Security, Cyber Security & IoT Solutions” Second Session Workshop “European Digital Agenda & Cyber Security” Hosted by Genova Smart Week <i>Promoted by Europe Direct Information Centre of Genoa Municipality</i> <i>Simultaneous translation ita-eng-ita available</i>	 2.00 p.m. - 5.00 p.m. GREEN SOLUTIONS for urban regeneration Workshop “Claircity & Climaera – Alcotra Projects” Hosted by Genova Smart Week <i>In cooperation with Liguria Region</i> <i>Bidule translation ita-fra-ita available</i>
 2.00 p.m. – 3.30 p.m. and 4.00 p.m. – 5.30 p.m. VISIT to CNR Labs <i>In cooperation with CNR</i>		



THURSDAY 23 rd NOVEMBER			
	Palazzo Tursi Salone di Rappresentanza	Palazzo Tobia Pallavicino Salone del Bergamasco	Palazzo della Borsa Sala delle Grida
MORNING	 8.00 a.m. – 1.00 p.m. GREEN SOLUTIONS for urban regeneration Thematic session <i>The development of a</i> <i>European network for</i> <i>the charging of electric</i> <i>traction vehicles</i> <i>Simultaneous translation ita-eng- ita available</i>		9.30 a.m. – 1.00 p.m. <u>HE</u> SMARTcup Liguria Award ceremony The Liguria business plan competition By Filse, Liguria Region and Liguria International
	 2.00 p.m – 4.00 p.m. GREEN SOLUTIONS for urban regeneration Thematic session <i>Sustainable urban</i> <i>mobility plans and</i> <i>projects</i> <i>Simultaneous translation ita-eng-ita</i> <i>available</i>	 2.00 p.m. – 4.00 p.m. GREEN SOLUTIONS for urban regeneration Workshop “CELSIUS EU Project” Hosted by Genova Smart Week <i>In cooperation with the</i> <i>Municipality of Genoa</i>	2.00 p.m. – 6.00 p.m. <u>HE</u> “SMAU LIGURIA” By Liguria International and Liguria Region
AFTERNOON	 4.00 p.m. – 6.30 p.m. Session “European projects involving Genoa, Liguria region and local companies” <i>Simultaneous translation ita-eng- ita available</i>	 4.00 p.m. – 6.00 p.m. VISIT to the Demonstrator in Via delle Gavette	



FRIDAY 24th NOVEMBER

**Palazzo Tursi
Salone di Rappresentanza**



8.00 a.m. – 1.00 p.m.

GREEN SOLUTIONS for urban regeneration

**Thematic session
Smart Building
&
Energy efficiency**

Simultaneous translation ita-eng-ita available

*Participation in this conference recognizes
n.2 credits to the Order of Geometers,
n.4 credits to the Order of Architects*

**Palazzo Tobia Pallavicino
Salone del Bergamasco**



8.45 a.m. – 1.00 p.m.

GREEN SOLUTIONS for urban regeneration

**3rd XERIC Workshop
“Breakthrough Technologies in
CLIMATE CONTROL SYSTEMS”**
Hosted by Genova Smart Week

The event will be in English language

OPENING CONFERENCE

8.30 a.m. – 1.15 p.m.

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

Institutional Plenary Conference. Smart week issues and smart actions undertaken by the city of Genoa will be introduced by local representatives, organizers and supporters of Genova Smart Week .

8.30 a.m. **Conference Registration**

Chairman: tbd

9.00 a.m. **Opening Session**

Speakers:

Marco Bucci, Mayor of Genoa and President of **Genoa Smart City Association**

Giancarlo Vinacci, Councilor for the Economic Development and University, **Municipality of Genoa**

Elisa Serafini, Councilor of local marketing, culture and youth policy, **Municipality of Genoa**

Edoardo Rixi, Councilor for Economic Development and Entrepreneurship, **Liguria Region**

Paolo Odone, President, **Chamber of Commerce of Genoa**

Giovanni Mondini, President, **Confindustria of Genoa**

Paolo Emilio Signorini*, President, **Port Authority of Genoa**

Enrico Giunchiglia, Pro-rector vicar, **University of Genoa**

Roberto Cingolani*, Scientific Director, **IIT**

Roberto Marcialis, Head of Research Area, **CNR**

11.30 a.m. **Round Table**

Introduction to the four thematic areas of Genova Smart Week 2017

Speakers:

Fabio Gallia*, CEO & General Director, **Deposit and Loans Fund (CDP)**

Paolo Pandozy, **Amministratore Delegato**, **Engineering**

Luigi Predeval, CEO, **GHT – Genova High Tech**

Debora Stefani, Head of North Macro Area, **e-distribuzione**

Mario Corsi, **ABB**

Leonardo Company

1.00 p.m. **Scholarship Award Ceremony G.B. Ferrari – Mario Corsi, ABB**

1.15 p.m. **Conclusion**



20th November

THEMATIC SESSION  

BUSINESS MODELS & SOLUTIONS for the development of the Smart City

New models of Economic Sustainability

2.30 p.m. – 6.30 p.m.

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

The “construction” of a Smart City is the result of three “**building blocks**”: **technologies, actors (both public and private) and financing models**. Technology alone cannot turn a city into a smart city. A shared **regulatory framework** and a **system of funding and incentives** are also needed. Developing innovative and intelligent devices and systems are the first step “to imagine” a smart urban model, but they need **new business models** to be implemented and incorporated into a complex project. Despite the existence of relevant regulations, there are no reference models for financing and supporting smart city innovation projects. The session will be focused on this subject and will propose possible solutions and case history.

MAIN TOPICS

- ❖ Business models adopted in Italian and European cities
- ❖ Types of business models: organic and additive. Pros and cons.
- ❖ Models and solutions of public and private partnership
- ❖ Project financing and incentives for the development of smart cities
- ❖ ESCO's role
- ❖ Access to credit and instruments to support innovation projects in smart city
- ❖ Civic Crowdfunding
- ❖ Business strategies for tomorrow's cities.
- ❖ The city as an incubator of innovation and to innovate
- ❖ Investment opportunities in the city of Genoa

2.25 a.m. **Afternoon Session**

Chairman: Edoardo Croci, Green Economy Observatory Coordinator IEFE at **Bocconi University in Milan** and Scientific Director of **Smart City & MobilityLab**

2.30 p.m. **Welcome greetings and opening works**

Giancarlo Vinacci, Councilor for the Economic Development, **Municipality of Genoa**

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- 2.40 p.m. *Sustainable Finance Tools for Smart City*
Edoardo Croci, Green Economy Observatory Coordinator IEFE at **Bocconi University in Milan** and Scientific Director of **Smart City & MobilityLab**
- 2.55 p.m. *From social housing to smart housing*
Livio Cassoli, Head of FIA Management and Development, **CDP Investments**
- 3.10 p.m. *EnerSHIFT: An innovative financial model for energy renovation in public residential buildings*
Giuseppe Sorgente, Expert Architect in bio-building and EnerSHIFT Project Coordinator, **Regione Liguria – Complex Urban Development Sector**
- 3.25 p.m. *Resources cities. technologies, financing and solutions to the service of citizens, local economies and environment*
Cesare Rovati, Engineering & Development Manager, **Municipia – Engineering Group**
- 3.40 p.m. *Innovative business models for Smart Big Buildings*
Sonia Sandei, Distributed Generation Sales Manager, **Enel**
- 3.55 p.m. **Round Table**
Innovative financial instruments for the development of infrastructures and services in a smart city: case history and new models.
- Speakers:
- Antonio de Bellis**, **ABB**
- Silvano Donato Lorusso**, Partner, **BLB** and Member, **NYSBA (New York State Bar Association)**
- Roberto Gatti**, Chief Executive Officer, **Orefici Finance**
- Roberto Passalacqua**, Vice President – Region Italy Mass Transit & Greece - Railway & Mass Transit BU , **Ansaldo STS** (*The Project Financing in the Metro system development*)
- Giovanni Pirovano**, Member of the Bureau and of the Executive Committee, **ABI**
- Ruggero Recchioni**, Head of Industry Innovation, **Intesa Sanpaolo** (*Smart to start: how smart cities attract startups*)
- 5.25 p.m. **Q&A**
- 6.30 p.m. **Conclusion**

THEMATIC SESSION

ENTERPRISE 4.0

From Industry 4.0 to Enterprise 4.0: Government policies, technology overviews and best practices

8 a.m. – 1 p.m.

Salone di Rappresentanza, Palazzo Tursi

Silmultaneous translation ita-eng-ita available

Industry 4.0 derives from the **fourth industrial revolution**. Experts and analysts maintain it will lead to an automated and interconnected industrial production. After the first phase of the Industry Development Plan 4.0, promoted by the Ministry for Economic Development, we are now in the second phase "Enterprise 4.0", addressing not only large industrial companies, but also small and medium enterprises and highly digitalized service companies.

MAIN TOPICS:

- ❖ From "Industry 4.0" to "Enterprise 4.0": 2017 Government Plan results and 2018 guidelines
- ❖ Enterprises in the Liguria Region towards Enterprise 4.0
- ❖ New management models and development of production processes in businesses: the management of Supply Chain becomes "Smart"
- ❖ Innovation: the key to evolving into circular economy
- ❖ Best practices and innovation projects for a smart city

8.00 a.m. **Conference Registration**

8.40 a.m. **Opening works**

Chairman: Matteo Giudici, President of Young Entrepreneurs, **Confindustria of Liguria**

8.45 a.m. **Welcome greetings**

Giancarlo Vinacci, Councilor for the Economic Development, **Municipality of Genoa**

Alberto Pellissone, Head of Strategic Development of the Production and Liguria Economy, **Liguria Region**

Introductory Speeches

9.10 a.m. *From "Industry 4.0" to "Enterprise 4.0": 2017 Government Plan results and 2018 guidelines*

On. Lorenzo Basso, Deputy, **House of Representatives**

9.25 a.m. *Title tbd (The Unioncamere initiative for Enterprise 4.0)*

Maurizio Caviglia, General Secretary, **Chamber of Commerce of Genoa**

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- 9.40 a.m. *The initiative of "Enterprise 4.0": Technological scenario*
Annamaria Di Ruscio, CEO, **NetConsulting Cube**
- 9.55 a.m. *Effect of robotic on the development of the Enterprise 4.0*
Fulvio Puzone, Technology Transfer Directorate, **IIT**
- 10.10 a.m. *Innovation Driving Smart Cities 4.0*
Michael Lake, President & CEO, **Leading Cities**
- 10.30 a.m. **Maria Francesca Silva**, Asset & Strategic Development Manager, **GHT**

Case history e Progetti

- 10.30 a.m. **Round Table**
The companies' point of view
(round table with brief presentations lasting 10 minutes each)

Giuseppe Argirò, Fintech Innovation Accelerator Manager, **Intesa Sanpaolo**

Paolo Bricola, Head of Product Development Electronic Division, **Cobogroup** *(Integrated Waste Collection System in Industry 4.0)*

Alberto Clavarino, General Director, **Netalia**

Francesco Cauvin*, CEO, **SEDAPTA**

Simone Farello, **Open Fiber**

Luca Manuelli, Chief Digital Officer, **Ansaldo Energia** (digital transformation as strategic trigger for the development in Ansaldo Energia)

Nadia Mazzino, Vice President – Digital Railways and Innovative Technologies, **Ansaldo STS** *(The digitalization and evolution of the rail system)*

Mario Pilotto, Vice President Business Area Enterprise Information Systems - Security & Information System Division, **Leonardo Company** *(Leonardo vision on industry 4.0: the Secure Connected Factory)*

Paolo Scalera, **ABB**

- 12.25 a.m. **Q&A**

- 1.00 p.m. **Conclusion**

THEMATIC SESSION

ENTERPRISE 4.0

From digital development to the new frontiers of research and to business internationalization strategies. The new role of cities in the global context

2 p.m. – 5 p.m

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

Digital development offers new opportunities for growth in research and business. Digitization is also a key tool for the internationalization of enterprises. Of course, cities can not and should not remain indifferent to these changes; indeed, they must play a leading role in this process of transformation and innovation.

In this session will be presented some case histories and best practices and in the final round table the institutions and some international players will meet to discuss on these issues.

MAIN TOPICS

- ❖ Smart City & Cyber Security
- ❖ Digital development and new frontiers of research
- ❖ Digital development and internationalization of enterprises
- ❖ Big data, Internet of Things e robotics for the future industry

2.00 p.m. **Afternoon Session**

Chairman: tbd

2.05 p.m. **Welcome greetings**

Giancarlo Vinacci, Councilor for the Economic Development and University, **Municipality of Genoa**

2.20 p.m. *Title tbd*

Federico Bianchi*, Head of Innovation Metropolitan Area, **Municipality of Bologna**

2.35 p.m. *University approaching Enterprise 4.0 PEGASO - Telematics University*

Salvatore Brocato*, representative in Genoa for **Pegaso Telematics University**

2.50 p.m. *The European project CxMan - Innovative Technologies for Additive Manufacture*

Marco Attene, Researcher, **IMATE-GE / CNR**

3.05 p.m. *The example of Digital Birmingham*

Tim Cordy, **PURE COSMOS PROJECT**



3.20 p.m.

Round Table

The point of view of international institutions and players

Speakers:

Giulio Maria Busulini*, Scientific Attachet, **Italian Embassy in Washington**

Carlotta De Franceschi, President and Co-Founder, **Action-Institute**

Geraldine Gardner*, **GMF**

Alessandro Giglio, Chairman & CEO, **Giglio Group** (e-commerce 4.0)

Chris Greer, Senior Executive for cyber-Physical systems National Coordinator for smart Grid interoperability, **NIST National Institute of Standards and Technology**

Elisabetta Migone, Co-Founder & CEO, **Talent Garden Genova** (Big data, Internet of Things, Robotics for developing future industry)

Carlo Maria Rossotto*, **World Bank Washington**

5.05 p.m.

Conclusion



21st November

GREEN SOLUTIONS for the urban regeneration

A city can be seen as an ecosystem made up of networks and relationships, equipped with plans, intellect and knowledge and dominated by man. But cities are also provided with a natural ecosystem, though conditioned by urban development, which offers innovative and sustainable solutions to the problems we are trying to solve and manage in smart cities. Nature is still an essential element of sustainability in life and in life in the cities as well.

“Green Solutions” are multiple, related to different areas of interest.

Workshop “URBAN AGENDA FOR THE EU - Climate Adaptation Partnership”

Hosted by Genoa Smart Week

Organized by Genoa Municipality

5 p.m. – 6 p.m.

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

The climate is one of the main topics to be considered in the management of a green city. During the Smart Week, Genoa will host the partners of the Global Climate Adaptation Partnership. **Six local authorities** (the Province of Barcelona and the cities of Glasgow, Trondheim, Potenza, Loulé in Algarve and Sfântu Gheorghe in Transylvania), **four Member States** (France, Poland, Hungary and Bulgaria) and **three General Directions of the European Commission** (REGIO, CLIMA, ENV) are part of the network. Local government agencies (EuroCities and the Council of Commons and Regions of Europe), the European Investment Bank and Europe funding programs (Interreg Europe, Urban, Espon, etc.) are involved in the program.

The Municipality of Genoa has been chosen as **coordinator of the international network «Climate Adaptation Partnership»**, that in the next three years will be concerned with issues related to coping with climate change in urban areas. The network will be aiming at: advancing new proposals to adapt the current legislation to growing urban realities; addressing topics that might be financed by European Programs in the future; conceiving new networking models for exchanging knowledge and experience.

The meeting of the project partners will be followed by a public presentation of the partnership on Tuesday afternoon



5.00 p.m. **Registrations**

5.05 p.m. *European Urban Agenda "Working together for better cities"*
Nicolaas Beets, Dutch Ministry of the Interior

5.25 p.m. *European adaptation strategy to climate change: the role of cities*
By **General Directorates of the European Commission ***

5.45 p.m. *Partnership on adaptation to climate change: expected objectives and outcomes*

Paolo Castiglieri, General Secretary **Genoa Smart City Association**
and Directorate of Planning and Organizational Development,
Municipality of Genoa

6.00 p.m. **Conclusion**

THEMATIC SESSION

URBAN PLATFORMS – Innovation for the transformation of cities

Innovative technological platforms to develop a sustainable city

8.30 a.m. – 1.00 p.m.

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

About three-quarters of the European population currently live in urban areas and urban growth entails risks of overpopulation, traffic congestion, pollution and related diseases.

Urban environment and services need innovative solutions to cope with their environmental and social challenges and in particular new platforms for governance to be shared, interoperated and connected with the help of advanced technologies.

MAIN TOPICS

- ❖ Showcases of tomorrow's smart cities
- ❖ Integration and interoperation for energy technologies, mobile communications and sustainable infrastructures improving services to citizens and businesses
- ❖ Energy monitoring and automatic optimization services implying data transmission protocols in the field of energy consumption, environmental impact and related costs
- ❖ Innovative solutions for the management of mobility services and cultural and tourist information and services
- ❖ Initiatives of the European Commission: EIP & Smart Cities Stakeholder Platform
- ❖ Smart solutions to support electricity grids, district heating and cooling grids, new service models and applications for data security and privacy, optimal management of Data Centers: focus Cyber Security

8.30 a.m. **Registration**

Chairman: Emanuele Martinelli, CEO, Energia Media

9.00 a.m. **Welcome greetings and opening works**

Matteo Campora, Councilor of Environment and Waste, Civil Services and Informatic, **Municipality of Genoa**

9.15 a.m. **Keynote Speakers**

Title tbd

Chris Greer, Senior Executive for cyber-Physical systems National Coordinator for smart Grid interoperability, **NIST National Institute of Standards and Technology**

- 
- 9.35 a.m. *Solutions and approach to the development of the integrated infrastructures and processes*
Andrew Collinge*, Greater London Authority (GLA) – Chair for Urban Platforms, **EIP – Smart Cities and Communities**
- 9.55 a.m. *Data and Urban platforms: how inhabit innovation*
Lanfranco Marasso, Smart City Program Director, **Engineering**
- 10.10 a.m. *Towards the integration and interoperability of urban services*
Mauro Annunziato, Director of Smart Energy Division, Energy Technologies Department, **ENEA**
- Best practices in the field of energy, security, resiliency and mobility**
- 10.25 a.m. *Challenges in Energy Management for Smart Cities & Project GEN-IUS, supported by ELENA (GENova – Innovative Urban Sustainability)*
Diego Calandrino, Energy Manager, **Municipality of Genoa**
- 10.40 a.m. The participation process in ELENA project
By **Città Metropolitana di Genova**
- 10.55 a.m. *Security Supervision System – Governance platform for urban & metropolitan security*
Francesco Valdevies, Head of Strategic Marketing Urban & Land Resilience - Security & Information System Division, **Leonardo Company**
- 11.10 a.m. *The city control room*
Enrico Mantero, **ABB**
- 11.25 a.m. *Open Meter*
Elisabetta Canavesio, Head of the Northwest Operations Section of the Second Generation Electronic Counter Project, **e-distribution**
- 11.40 a.m. *Title tbd*
Guido Garrone, CEO, **Open Fiber**
- 11.55 a.m. *Exploracity: a Platform for Tourism and Culture 4.0. The pilot project in Genoa*
Antonio Novellino, R & D Manager, **ETT**
- 12.10 a.m. *(RI) Imagine an "differently vertical" city: the relationship between underground and surface city in view of a urban resiliency*
Nicola Buogo, President, **Associazione Le Vie dell'Acqua**
- 12.25 a.m. **Q&A**
- 1.00 p.m. **Conclusion**

22nd November

URBAN PLATFORM – Innovation for the transformation of cities

Workshop “R2CITIES PROJECT”  

Hosted by Genova Smart Week

In cooperation with the Municipality of Genoa

9 a.m. – 1 p.m.

Salone del Bergamasco, Palazzo Tobia Pallavicino

Simultaneous translation ita-eng-ita available

Program to be defined





22nd November

URBAN PLATFORM – ENTERPRISE 4.0  

2 p.m. – 6 p.m.

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

2.00 p.m. **Welcome greetings and opening works**

Matteo Campora, Councilor of Environment and Waste, Civil and Information Technology Services, **Municipality of Genoa**

First Session

Focus “Security, Cyber Security & IoT Solutions”

Governments and international organizations are well aware of the importance of cyber-risks and are now intensifying their actions to guarantee the **highest possible level of cyber security in critical infrastructures and in essential public utility services**. In 2017 **Italy** drew up a **reform of targets and governance** in cyber security and incorporated it in the National Energy Strategy, identifying energy as a risk area.

Chairman: Paolo Castiglieri, Secretary of Genoa Smart City Association and Planning and Development Direction, **Municipality of Genoa**

2.15 p.m. **Keynote Speech**


Title tbd

Chris Greer, Senior Executive for cyber-Physical systems National Coordinator for smart Grid interoperability, **NIST National Institute of Standards and Technology**

2.35 p.m. **Keynote Speech**

Cybersecurity and GDPR as an enabler for building trust with citizens

Frank Van Steenwinkel, Connecting European Cities, **FIDECITY Ecosystems and Cities**



2.55 p.m. **Round Table**
Cyber Security: Security in systems and networks, in data protection and in industrial counterintelligence

Speakers:

Angeloluca Barba, Head of Strategic Marketing Cyber Security, Intelligence & Digital Infrastructures – Security & Information System Division, **Leonardo Company** (*Business Driven Cyber Security : the new challenge of digital transformation*)

Paola Girdinio, Ordinary Professor, Scientific Area-ING-IND/31, Department of Naval, Electrical, Electronic and Telecommunications Engineering (DITEN), **University of Genoa**

Alessandro Lionetti, Sales Manager, **Safenetwork**

Gaetano Sanacore, Senior Systems Engineer, **Ansaldo Energia**

Second Session

Workshop “European Digital Agenda & Cyber Security”

Hosted by Genova Smart Week

Promoted by Europe Direct Information Centre of Genoa Municipality

Information and educational processes and events are of major importance in this area. A good example is Europe Direct Information Centre in the Municipality of Genoa, created in 2005, upon suggestion of the European Commission, to renew public information networks, as a result of a tender awarded to the Municipality in cooperation with the Province of Genoa. The Centre aims at disseminating Community information through visible and accessible instruments, methods and equipped spaces, to engage European citizens in the setting up of the Union.

Chairman: tbd

3.45 p.m. **Introductory Speech**
Paolo Castiglieri, Secretary of **Genoa Smart City Association** and Planning and Development Direction, **Municipality of Genoa**

4.00 p.m. **Keynote Speech** (*video message*)
Speech by a representative of the **DG CONNECT** of the **European Commission**

4.15 p.m. *Cyber Security*
Rodolfo Zunino, Cyber Security Teacher and President of the Master in Cyber Security 2017-2018, **University of Genoa**



- 4.30 p.m. *Title tbd*
Paolo Di Gioia, Head of systems and security office, Information Systems
Direction, **Municipality of Genoa**
- 4.45 p.m. Speech by the **postal officer of Genoa**
- 5.00 p.m. *Other speeches by companies and institutions*
- 5.30 p.m. **Q&A**
- 6.00 p.m. **Conclusion**

22nd November

GREEN SOLUTIONS for the urban regeneration

Workshop “Claircity & Climaera – Alcotra Projects”  

Hosted by **Genova Smart Week**

In cooperation with Liguria Region

2 p.m. – 5 p.m.

Salone del Bergamasco, Palazzo Tobia Pallavicino

Bidule translation ita-fra-ita available

Program:

2.00 p.m. **Welcome Coffee**

2.30 p.m. **Welcome greetings**

By **Liguria Region** and **Municipality of Genoa**

3.00 p.m. *CLIMAERA program*

By **Liguria Region**

3.20 p.m. *RIAT+ software: possible use in the Region and in the CLIMAERA project*

Giuseppe Maffei, Founder Member, **Terraria**

3.40 p.m. *Speech by AIR PACA on the emissions in the Port of Marseille*

Alexandre Armengaud, Head for scientific cooperation, knowledge improvement, **AIR PACA**

4.00 p.m. *An ambitious objective "give light to ships"*

Davide Sciutto, **Genoa Port Authority**

4.20 p.m. *Speech by the University of Genoa – Physics Dpt.*

Paolo Brotto, **OM_TEN**

4.40 p.m. *The CLAIR CITY Project*

Carlo Trozzi, **TECHNE Consulting**

5.00 p.m. **Conclusion**

VISIT CNR 

Two shifts:

2.00 p.m. – 3.30 p.m.

4.00 p.m. – 5.30 p.m.

Limited participation number in the visit.

Reservation and information write to roberto.marcialis@cnr.it

Ph: 0039 329 - 8467113



23rd November

THEMATIC SESSION  

GREEN SOLUTIONS for urban regeneration

“The development of a European network for the charging of electric traction vehicles”

8 a.m. – 1 p.m.

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

The choice of mobility based on electric motors for the future is now widely accepted by international analysts, and most car manufacturers are proposing or currently developing electric models and rechargeable hybrids. In Italy, however, the introduction of such vehicles is still slow and strongly depending on the issue of measures supporting the consumer in this choice and also on the development of charging infrastructures necessary for their use.

Two in-depth sessions shall deal with the subject, the first is focused on state of the art and evolution of the European electric car charging network, presenting the results of the UniTE project; the second will introduce the e-mobility development plan for Liguria Region.

MAIN TOPICS

- ❖ Infrastructures and networks for the development of electric mobility: state of the art in Europe
- ❖ Fast charging systems
- ❖ Interoperability between charging systems
- ❖ started projects in different cities
- ❖ Policies and projects for developing a network of infrastructures in Liguria

8.00 a.m. **Registration**

8.30 a.m. **Welcome greetings and opening works**

Stefano Balleari, Councilor for Mobility and Local Public Transport and Deputy Mayor, **Municipality of Genoa**

First Session

European Electricity Charging Network, the experience of UNIT-e project

Chairman: Fabio Capocaccia, President, **IIC**

8.45 a.m. *E.U. support electromobility*

Erika Fulgenzi, Innovation and Networks Executive Agency (INEA), **European Commission**

9.00 a.m. *UNIT-e project overview*

Pier Giuseppe Naso Rappis, **Istituto Internazionale delle Comunicazioni**

9.15 a.m. *Interoperability and the challenge of unrestricted access to the EV charging infrastructure*

Anne Guillemot, **Ecole des Ponts**

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- 9.35 a.m. *Unit-E*
Andrea Trebiani, ABB
- 9.50 a.m. *Title tbd*
Andrea Lolli, E-mobility business development manager, **Global E-solutions Enel**
- 10.05 a.m. *Green initiatives promoted by Porto Antico of Genoa*
Alberto Cappato, DG, Porto Antico

Second Session

The development of the electric mobility in Liguria Region

Chairman: Enrico Musso, Director, **C.I.E.L.I. University of Genoa**

- 10.20 a.m. *National Policies and Projects, possible repercussions on our territory*
Speech by, **Ministry of the Environment**
- 10.35 a.m. Speech by **Transport Commission Senate**
- 10.50 a.m. *The National Scenery*
Pietro Menga, President, **Cei Cives**
- 11.05 a.m. *Initiative to support the creation of vehicle charging network in Liguria Region*
Maria Fabianelli, Division Director, **Ire/Liguria Region**
- 11.20 a.m. *Policies and initiatives to support the development of electric mobility in the Genoa metropolitan area*
Francesco Pellegrino, Director of Mobility, **Municipality of Genoa**
- 11.35 a.m. *Electric mobility development projects in the Liguria Region*
Speech by **Duferco Energia**
- 11.50 a.m. Speech by **Bosch**
- 12.05 a.m. Speech by **Phase Motion Control**
- 12.20 a.m. Speech by **Mobility in Chain**
- 12.35 a.m. Speech by **Novelli/Smart Italia***
- 1.00 p.m. **Conclusion**

THEMATIC SESSION

GREEN SOLUTIONS for urban regeneration

Plans and projects for a sustainable urban mobility

2.00 p.m. - 4.00 p.m.

Salone di rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

MAIN TOPICS

2.00 p.m. **Afternoon session**

Chairman: Francesco Pellegrino, Director of Mobility, **Municipality of Genoa**

Welcome greetings

2.05 p.m. **Marco Bucci**, Mayor of Genoa and President of **Genova Smart City Association**

2.20 p.m. *The mobility manager's view: presentation of the manager's mandate for mobility*

Stefano Balleari, Councilor for Mobility and Local Public Transport and Deputy Mayor, **Municipality of Genoa**

2.35 p.m. Vested interest PUMS (Urban plan for sustainable mobility)

Enrico Musso, Director **C.I.E.L.I. University of Genoa**

3.00 p.m. Initiatives to support the development of PUMS

- MATRICE Origin/destination
- Questionnaire for the employees in the Municipality of Genoa and commuting to work plans (PSCL)
- Mobility Management actions: the DEMO EC project

Maria Fassone, Antonio Rossa, Mobility Direction

3.30 p.m. Speech by **Mobility in Chain***

3.45 p.m. *The Elviten Project*

Bartolomeo Valcalda, Logistics and Transports BU Director, **T-Bridge**

4.00 p.m. **Conclusion**

23rd November

GREEN SOLUTIONS for urban regeneration

Workshop “CELSIUS EU PROJECT”

Hosted by **Genova Smart Week**

In cooperation with the Municipality of Genoa

2 p.m. – 4 p.m.

Salone del Bergamasco, Palazzo Tobia Pallavicino

- 2.00 p.m. **Introduction and welcome greetings**
By **Municipality of Genoa**
- 2.10 p.m. *CELSIUS Project, results*
Janas, Project Coordinator
- 2.20 p.m. *CELSIUS Project, future developments*
Katrina, Project Coordinator
- 2.30 p.m. *Monitoring strategies to assess DHC solutions & results from monitoring activities of CELSIUS demonstrators*
Speech by **RINA-C**
- 2.50 p.m. *SMART dynamic modelling of a DHC network*
Speech by **UNIGE**
- 3.10 p.m. *The experience from Genoa demonstrator – Waste energy recovery from gas expansion in urban NG networks*
Speech by **IRETI**
- 3.30 p.m. *Impact and replicability at local level*
Speech by **Municipality of Genoa**
- 3.50 p.m. Site visit to Genoa demonstrator at Gavette Industrial District (bus transfer)

SITE VISIT to the DEMONSTRATOR in Gavette Street

4 p.m. – 6.00 p.m.

Limited participation number in the visit

Reservation and information

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23rd November

THEMATIC SESSION  

EUROPEAN PROJECTS INVOLVING GENOA, LIGURIA REGION AND LOCAL COMPANIES

p.m. – 6.30 p.m.

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

In the course of Genoa Smart Week, Genoa will host project meetings for CELSIUS and UnaLab, partners of the European projects involving the Municipality of Genoa. In addition, workshops on the projects are included in the conferences' schedule. Since not all the projects are suitable for workshops, being some of them, such as Elviten and Force, just at an initial stage with no results to be presented, it was decided to include a session dedicated to all the projects currently committing the local administration, as well as some projects committing partners in this event.

4.00 p.m. **Registration**

4.30 p.m. **Introduction and Moderation**

Paolo Castiglieri, Secretary of the **Associazione Genova Smart City**
Planning and Development Direction, **Municipality of Genoa**

Speeches on the projects:

4.45 p.m. *UNaLab Project*

Speech by the project coordinator

5.00 p.m. *FORCE Project*

Speaker tbd

5.15 p.m. *The smartgrid PODCAST project – An optimization platform for electric distribution systems using data from smartmeters and storage systems*

S.Bianchi, Softeco / Stefano Massucco, representative of the Dean for Energy efficiency at the University, DITEN, **University of Genoa**



- 5.30 p.m. *The PURE COSMOS Project*
Enrica Spotti, Municipality of Genoa
- 5.45 p.m. *The Weenmodels Project*
Speaker tbd
- 6.00 p.m. *The Risewise Project*
By **Evert-Jon Hoogerwerf**
- 6.15 p.m. **Q&A**
- 6.30 p.m. **Conclusion**



23rd November

HOSTED EVENT

SMARTcup LIGURIA AWARD CEREMONY

The Liguria business plan competition

By Filse, Liguria Region and Liguria International

9.30 a.m. – 1 p.m.

Sala delle Grida, Palazzo della Borsa

Program to be defined

HOSTED EVENT

SMAU LIGURIA

By Liguria Region and Liguria International

2 p.m. – 6 p.m.

Sala delle Grida, Palazzo della Borsa

Program to be defined



24th November

THEMATIC SESSION  

GREEN SOLUTIONS for urban regeneration

Focus “Smart Building & Energy Efficiency”

8 a.m. – 1 p.m.

Salone di Rappresentanza, Palazzo Tursi

Simultaneous translation ita-eng-ita available

In industrialized countries, commercial and residential buildings cover approximately 40% of primary energy consumption for heating, air conditioning, lighting, etc. This consumption can be reduced by up to 80% using smart building management systems to control the various functions and resulting into energy efficiency, security, and comfort.

Technologies available today can significantly improve energy efficiency, paving the way to smart buildings. The economic crises we are currently facing originated a crisis in the real estate market. The use of technology in requalification is now giving new value to buildings, increasing their appeal in the market. In addition, innovations in Smart City's technology management will prompt the implementation of smart grids in the buildings to be interconnected with Smart Grids.

The session will illustrate the current situation in the sector, the best practices at international, national and local level, and the recovery and development policies of the industry.

MAIN TOPICS

- ❖ Government policies and an overview on future developments
- ❖ Current situation in Italy
- ❖ Best practices and projects at national and local level

8.00 a.m. **Registration**

Chairman: Riccardo Luiselli, Advisor, **Genova Register of Architects**

8.30 a.m. **Welcome greetings and opening works**

Matteo Campora, Councilor of Environment and Waste, Civil and Information Technology Services, **Municipality of Genoa**

Introductory speeches:

8.45 a.m. *New energy policies in the transition to the Union for Energy*

Marcello Capra, Representative of SET Plan, **Ministry of economic development**

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- 9.00 a.m. *Energy efficiency and renewable sources: current situation in Italy*
G.B.Zorzoli, President, **Free Coordinamento**
- 9.15 a.m. *Actions for the implementation of the Regional Energy Plan*
Paolo Piacenza, Sole Director, **IRE Liguria**
- 9.30 a.m. *Ecobonus and Sismanbonus, the ANCE and Deloitte platform as a response to the issue of tax credits recovery*
Sarah Zotti, President, **ANCE Genova**
- 9.45 a.m. *Future-proof city*
Flavio Visone, Innovation Center, **Intesa Sanpaolo**
- Technical speeches on European projects and best practices:**
- 10.00 a.m. *SFS Project - Distributed Intelligence on the Net at Customer Service*
Daide Ricci, Network Operations Manager of the Piedmont and Liguria Regional Territorial Division, **e-distribution**
- 10.15 a.m. *The Importance of Energetic Information Management to Optimize Consumption and Contracts*
Renato Sanna, Head of Sales Energy & utilities – Security & Information System Division, **Leonardo Company**
- 10.30 a.m. Speech by **IREN**
- 10.45 a.m. *Title tbd*
Michele Governatori, Director for Institutional Affairs, **Axpo Italia**
- 11.00 a.m. *The new regulation on energy certification*
Speech by **IRE Liguria**
- 11.15 a.m. *Energy efficiency strategies and real-time monitoring of energy consumption in a large hospital facility: a case study*
Stefano Massucco, Representative of the Dean for Energy efficiency at the University, DITEN, **University of Genoa**
- 11.30 a.m. *Presentation of R2Cities Project results*
By **Municipality of Genoa**
- 11.45 a.m. **Questions and final discussion**
- 12.30 a.m. **Conclusions of Genova Smart Week**
Giancarlo Vinacci, Councilor for Economic Development and University, **Municipality of Genoa**
- 12.45 a.m. **Conclusion**



24th November

GREEN SOLUTIONS for urban regeneration

3rd XERIC Workshop

“Breakthrough technologies in CLIMATE CONTROL SYSTEMS”

Hosted by Genova Smart Week

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 653605.

8.45 a.m. – 1 p.m.

Salone del Bergamasco, Palazzo Tobia Pallavicino

Workshop in English language

Agenda

8:45 **Welcome Coffee**

9:00 **Plenary Sessions (1)**

Chairs: Gustavo CAPANNELLI (TICASS, Italy) and Gilbert RIOS (EMH, Belgium)

9:00 **Opening of the plenary sessions** - Nino GAETA (Coordinator of the XERIC project) and Dr. CASTIGLIERI from the Municipality of Genoa

9:15 **PS1: Electro-Mobility Projects within Horizon 2020** - David GUEDJ (tbc – European Commission, Innovation and Networks Executive Agency - Horizon 2020 – Transport Unit), Gilbert RIOS (EMH, Belgium)

9:45 **PS2: XERIC: Energy Efficiency for Climate Control System** - Stefano LAZZARI (University of Genoa, Italy)

10:15 **PS3: On-board climate control system for boats based on the XERIC technology** - Bernardo CERRAI (FRIGOMAR, Marine Refrigeration and Air Conditioning Systems, Italy)

10:30 **Coffee Break**



10:50 **Plenary Sessions (2)**

10:50 **PS4: Application of XERIC technology to other potential fields** - Carlo ISETTI
(Innovative Technologies for Environmental Control and Sustainable Development, Italy)

11:10 **PS5: Presentation of JOSPEL and OPTEMUS Projects**
- *Low Power Consumption heating Systems for EV*
Vanessa GUTIERREZ ARAGONES / Begoña GALINDO GALIANA (AIMPLAS, Spain) – JOSPE
- *Smart preconditioning for EVs with a compact heat pump system*
Andrés CALDEVILLA (DENSO, Germany) - OPTEMUS

11:40 **Open discussion**
Industrial testimonies with invited representatives and discussion with audience

12:40 **Conclusion**