



Ministero dello Sviluppo Economico



Agenzia nazionale per le nuove tecnologie,
l'energia e lo sviluppo economico sostenibile



Ministero degli Affari Esteri
e della Cooperazione Internazionale

TOWARDS SUSTAINABLE URBAN ENERGY SYSTEMS

PRESENTATION OF IEA ETP 2016 AND DEBATE ON POTENTIALITY, BEST PRACTICES AND OPPORTUNITIES OF LOCAL ENERGY PLANNING IN ITALY

12th July, 2016

**Sala "Aldo Moro" – Ministero degli Affari Esteri e della Cooperazione Internazionale
Piazzale della Farnesina n. 1 - Rome**

Cities drive economic growth but can also drive sustainable change. As the share of the world's population living in cities rises, ambitious action in urban areas can be instrumental in achieving long term sustainability of the global energy system – including the carbon emission reductions required to meet the climate goals reached at COP21 in Paris. Support from national governments is a strategic prerequisite to leverage the potential for sustainable energy technology and policy in cities that too often lies untapped. Thus local and national actions should be aligned to meet the sustainability objectives at both levels. IEA ETP 2016 analysis is particularly applicable in Italy, where 43% of the population lives in metropolitan areas with a high concentration of functions (residence, industry and services) and flows (people and goods).

During the event, the presentation of the IEA publication will open the floor to a debate on potentiality, best practices and opportunities of local energy planning in Italy.

Agenda

09:30 **Registration and Welcome coffee**

10:00 **Welcome message**

- **Mario COSPITO**, Energy Coordinator, Global Affairs Directorate, Italian Ministry of Foreign Affairs and International Cooperation

Opening of the day

- **Alessandro LANZA**, Italian National Agency for New Technologies, Energy and Sustainable Economic Development ENEA
- **Gilberto DIALUCE**, Director for Energy Security and Infrastructure, Italian Ministry of Economic Development MISE

10:20 **IEA ETP 2016 Towards Sustainable Urban Energy Systems**

Kamel BEN NACEUR, Director for Sustainability, Technology and Outlooks, International Energy Agency IEA

10:50 **Turin Case Study in ETP 2016**

Stefano CORGNATI, Professor at Department of Energy, Polytechnic of Turin

11:05 **Smart Grids for Reliable Electricity Service in Italian Cities**

Michele DE NIGRIS, chair of IEA ISGAN technology collaboration programme, RSE

11:25 **District Heating from Renewable Energy Sources in Italian Cities**

Andrea PONTA, Energy Manager of IREN S.p.A.

11:45 **Italian Best practice in Smart Cities and Urban Energy**

Mauro ANNUNZIATO, Smart Energy Division, Department for Energy Technologies, ENEA

12:00 **Q&A - Debate**

chaired by **Alicia MIGNONE**, IEA CERT Chair, Italian Ministry of Foreign Affairs and International Cooperation

12:40 **Conclusions**

Roberto MONETA, Head of Energy Efficiency Unit, ENEA

13:00 **Closing message**

Massimo GAIANI, Director for Global Affairs, Italian Ministry of Foreign Affairs and International Cooperation

Moderator: Ezilde Costanzo, ENEA

