

ITALIAN IEA TCP DAY

The contribution of multilateral international collaboration to the decarbonisation of the national energy system

Rome, 25th November 2019 – 9:00 am – 5:30 pm

Parlamentino [CNEL – villa Lubin](#)

The Italian experts from twenty-two Technology Collaboration Programmes (TCP) of the International Energy Agency (IEA), performing research on several energy issues and contributing to inform IEA analysis for a more sustainable and secure global energy system, will gather to:

- Exchange experiences from their work
- Discuss IEA TCP linkages to the Italian Integrated National Energy & Climate Plan
- Analyse interaction with related European, national and regional initiatives.

Agenda

- 9:00 **Registration and welcome coffee**
- 9:30 **Welcome greetings**
Gian Piero Celata, Department of Energy Technologies, ENEA
Maurizio Delfanti, Chief Executive Officer, RSE S.p.A.
- 9:45 **Opening speech**
Luca Sabbatucci, Director General for globalization and global Issues, Ministry of Foreign Affairs and International Cooperation (MAECI)
Gilberto Dialuce, - Director General for Infrastructures and Energy and Geo-mineral Systems Security, Ministry of Economic Development (MISE)*
- 10:00 **The Technology Collaboration Programme (TCP) in the framework of IEA activities for innovation**
Simone Landolina, Partnerships and Innovation Counsellor, Strategic Initiatives Office, IEA
- 10:15 **R&I, the fifth dimension of Italian NECP. Integrations to the European Commission's recommendations**
Marcello Capra, Technical Secretariat of the Department of Energy, Ministry of Economic Development (MISE)
- 10:30 **The energy transition in Italy: what contribution from research in IEA TCP**
Introduction on the Italian participation in IEA TCPs and coordination groups (**Alicia Mignone**, MAECI - IEA CERT chair)
Moderators: **Simona De Iuliis** CERT and REWP, **Luca Benedetti** REWP and **Eugenio Giacomazzi** FEWP delegates
Renewables: Bioenergy, Ocean energy system, Wind, Concentrated Solar Power (SolarPaces), Photovoltaic Power Systems (PVPS), Solar Heating and Cooling (SHC), Hydrogen
Advanced conventional power plants: Fluidized Bed Conversion, Greenhouse Gas and Clean Coal Centre.
- 12.45 **Light lunch**
- 14:00 **The energy transition in Italy: what contribution from research in IEA TCP**
Moderators: **Ezilda Costanzo** IEA EUWP, **Michele De Nigris** CERT and EUWP delegates and **Alicia Mignone** IEA CERT chair
End use efficiency: Smart Grids (ISGAN), User Centered Energy Systems (ex DSM), Energy storage (ECES), Heat Pumping Technologies (HPT), Energy in Buildings and Communities (EBC), High Temperature Superconductivity (HTS), Electric Vehicles (HEV), Industry (IETS), Advanced Fuel Cells (AFC).
Cross cutting: Energy Tech. Systems Analysis (ETSAP), Clean Energy Education and Empowerment (C3E)
- 16.00 **Coffee break**
- 16:15 **TCP – Participation and opportunities for coordination with other R&I programmes and the industry**
(3 parallel working groups and synthesis reported in the plenary)
- 17:20 **Conclusions**
Alicia Mignone, IEA CERT Chair
Stefano Raimondi, Head of Division III - International relations in the area of energy, DG ISSEG, MISE
- 17:30 **End of the day**