

KEY-The Energy Transition Expo 2026

04/05/06 March

Legend

- █ AIDI - Incontri di Luce
- █ DPE - International Electricity Expo
- █ EFFI - Energy Efficiency Expo
- █ EME - eMobility Expo
- █ Exhibitors and partners events
- █ ForumTech
- █ HYPE - Hydrogen Power Expo
- █ KSE - Key Storage
- █ Opening Ceremony
- █ SEC - Solar Exhibition Conference
- █ Su.Port - Sustainable Ports
- █ Sustainable City
- █ Cross-cutting topics
- █ Energy Transition
- █ WEM - Wind Expo for Med

WEDNESDAY 4
MARCH

10:00 -
13:00

Neri 1 Room

South Hall

ForumTech
[Click here](#)

WEDNESDAY 4
MARCH

10:00 -
13:00

Mimosa Room,
pav. B6

**Su.Port -
Sustainable
Ports**
[Click here](#)

WEDNESDAY 4
MARCH

10:00 -
13:00

Tulipano Room,
pav. B6

**Su.Port -
Sustainable
Ports**
[Click here](#)

ForumTech 2026: Technological innovation, regulatory evolution and the future of Photovoltaics. Plenary session

Organized by: ITALIA SOLARE

Language: Italian

ITALIA SOLARE's ForumTech 2026 returns with a new edition that is even more focused on the technological, regulatory, and legislative evolution of the photovoltaic sector. A full day to explore, together with experts, companies, and institutions, the technological innovations stimulated by support measures.

Offshore Wind Revolution Working Groups 1&2

Organized by: Magellan Circle in collaborazione con AERO, Wind Europe, Ambasciata di Danimarca in Italia, Innovation Norway, Owemes

Language: Italian

INVITATION-ONLY EVENT

After two editions in port territories involved in offshore wind development, Offshore Wind Revolution – OWR lands at Key Energy. The Working Groups (reserved, by invitation) return, aimed at stimulating discussion, co-creation and sharing among leading industry operators. The ultimate goal is to identify concrete solutions for building the Italian OW supply chain, also comparing with the best international experiences. The discussion will touch on the main critical areas: unlocking the Italian market, process of adapting and developing national ports, technological evolution and reduction of costs and risks, relationship with local stakeholders and communication process.

In Mimosa room, WG1 Italian Market and WG2 Ports and Logistics will work, while in Tulipano room, WG3 Technology & Innovation and WG4 Stakeholders & Communication will meet.

At the end of the sessions, the discussion of the Working Groups, with the identified solutions, will be presented to the interested public in the Su.Port Arena, Hall B3.

Offshore Wind Revolution Working Groups 3&4

Organized by: Magellan Circle in collaborazione con AERO, Wind Europe, Ambasciata di Danimarca in Italia, Innovation Norway, Owemes

Language: Italian

INVITATION-ONLY EVENT

After two editions in the port territories involved in offshore wind development, Offshore Wind Revolution – OWR lands at Key Energy. The Working Groups (invitation-only, reserved) return, aimed at stimulating discussion, co-creation, and sharing among leading industry operators. The ultimate goal is to identify concrete solutions for building the Italian OW supply chain, also comparing with the best international experiences. The discussion will touch on the main critical areas: unlocking the Italian market, process of adaptation and development of

national ports, technological evolution and reduction of costs and risks, relationship with local stakeholders and communication process.

In room Mimosa, WG1: Italian Market and WG2: Ports and Logistics will work, while in room Tulipano, WG3: Technology & Innovation and WG4: Stakeholders & Communication.

At the end of the work, the discussion of the Working Groups, with the solutions identified, will be presented to the interested public in the Su.Port Arena, Hall B3.

WEDNESDAY 4

MARCH

10:15 -
11:45

Efficiency Arena,
pav. A7

EFFI - Energy
Efficiency Expo
[Click here](#)

"Energy audits": obligation and incentives for companies with high electricity and gas consumption

Organized by: ENEA

Language: Italian

Since 2021, energy diagnosis has become a fundamental prerequisite for accessing the incentives provided for companies with high electricity and natural gas consumption. The event constitutes a useful moment for sharing and discussion with all stakeholders involved in the incentive mechanisms. Ample space will also be given to ENEA's role in the functioning of the two mechanisms, to diagnosis as a prerequisite for access to incentive mechanisms dedicated to gas-intensive and energy-intensive companies, and to the regulatory requirements related to the implementation of interventions outlined in the diagnosis. Finally, ample space will also be given to ENEA's evaluation of energy diagnoses, highlighting critical issues encountered and providing suggestions for companies.

Program

10.15 Welcome and opening remarks

Ilaria Bertini, Director of Energy Efficiency Department, ENEA

10.25 *ENEA's role in the mechanisms for companies with high electricity and gas consumption*

Marcello Salvio, ENEA

10.35 *Diagnosis as a prerequisite for incentives for energy-intensive and gas-intensive companies*

Marco Bassetti, ENEA

10.50 *ENEA's evaluation of energy diagnoses: critical issues encountered and suggestions for companies*

Alessandra De Santis, ENEA

11.10 *Audit102 Portal: Implementation of energy efficiency interventions required by the Regulation*

Federico Alberto Tocchetti, ENEA

11.25 Question time

11.45 Closing remarks

WEDNESDAY 4

MARCH

10:15 -
11:45

Solar&Finance
Arena, pav. B5

EFFI - Energy
Efficiency Expo
[Click here](#)

Finance for energy efficiency: tools for ESCOs

Organized by: Federesco

Language: Italian

The synergy between ESCOs and green finance is fundamental to accelerate the energy transition, facilitating access to economic resources for investments in low environmental impact technologies and for the implementation of energy efficiency projects.

We discuss this with academic experts and industry professionals in a conference that aims to frame the growing commitment that Energy Service Companies must respect in the implementation of energy efficiency projects that meet criteria of innovation, sustainability and financial solidity, in line with European and national regulations.

Program

Opening of proceedings

Claudio Ferrari, President of Federesco

Vinicio Vigilante, CEO of GSE

Regulatory framework: introduction to Energy Service Companies

Arturo Cancrini, Cancrini & Partners Law Firm

ESCos and Next Generation EU Measure M.7 – I.17

Pietro A. Gallo, General Director of the Seventh Mission Structure of the Next Generation EU plan – REPowerEU

Credit and financial instruments for ESCos

Representative of Mediocredito Centrale

Guarantee instruments to support ESCos

Paola Rossi, Garanzia Etica

Presentation of the Leverage Project

Patrick Maurelli, Head of European Projects at Federesco

**program being defined*

WEDNESDAY 4

MARCH

10:15 -
11:45

City&Mobility
Arena, pav. A2

EME - eMobility
Expo

[Click here](#)

How to electrify a company fleet: the practical guide for businesses

Organized by: Motus-E

Language: Italian

A concrete opportunity to address, together with experts and companies, all the necessary steps to successfully start the electrification of a corporate fleet, delving into key topics such as costs, benefits, and charging infrastructure in the company. During this meeting, the updated guide created by Motus-E will be presented, designed to answer all the questions of fleet managers in the process of transitioning to electric mobility.

Program

Presentation of the guide to electrification of corporate fleets

by Motus-E

Initial insights:

Fleet Manager Representative (AIAGA) (TBD)

Massimo Leonardo, Partner @ Strategy& Energy and Utilities, ESG Strategy and Value Creation, PwC

Panel I – *Charging solutions and methods for fleets*

Michele Damato, Head of B2B Sales, Plenitude On The Road

Marco Carvelli, Head of E-Mobility, Edison

Diego Trabucchi, Managing Director Italy, Charge Guru

Alberto Crivellaro, CEO, S&H

Panel II – *Commercial offer and solutions for corporate fleets*

Gabriella Favizza, Head of Future Mobility & Public Affairs, Renault Italia

BYD Industria Italia Representative (TBD)

Fabrizio Vallero, Project management & Business Development, Route220

WEDNESDAY 4

MARCH

10:15 -
11:45

Hydrogen Arena,
pav. B4

HYPE -
Hydrogen
Power Expo

[Click here](#)

From hydrogen to e-fuels: Development prospects in key sectors, penetration scenarios and initial projects

Organized by: H2IT, T&E, ENEA

Language: Italian

E-fuels are emerging as strategic energy vectors for the decarbonization of the heavy transport sector, with applications extending to maritime and aviation. The conference explores the development prospects of the technological processes underlying the production of these synthetic fuels, analyzing the main market drivers and identifying the sectors most involved. Particular attention is paid to infrastructural challenges, with the direct involvement of key ecosystems such as ports and airports. Starting from penetration scenarios for 2030 and 2050, the first ongoing pilot and industrial initiatives are presented and discussed, with a focus on European experiences and a reflection on potential development prospects in Italy.

WEDNESDAY 4

MARCH

11:45 -
12:45

Main Stage -
Cupola Lorenzo
Cagnoni, Hall
Sud

Opening
Ceremony
[Click here](#)

Opening Ceremony - Energy of the Future

Organized by: KEY - The Energy Transition Expo

Language: Italian

Instant translations: English

Opening event of the 19th edition of KEY - The Energy Transition Expo, the European event dedicated to technologies, services and integrated solutions for energy efficiency and renewable energies in Italy and the Mediterranean basin.

WEDNESDAY 4

MARCH

14:00 -
15:30

Main Stage -
Cupola Lorenzo
Cagnoni, Hall
Sud

Energy
Transition
[Click here](#)

KEY ENERGY SUMMIT

Organized by: KEY - The Energy Transition Expo

Language: Italian

The evolution of the geopolitical landscape and the increasingly complex economic situation are posing new challenges to climate-energy policies aimed at decarbonization, calling into question their economic and social sustainability. In this context, the Althesys study for KEY aims to understand how to combine the energy transition with the competitiveness of European and Italian companies. The analysis therefore combines geopolitical and policy aspects of Europe and the main global blocs, with the evolution of technologies, their costs, and the institutional and industrial structures of various nations.

The study jointly considers "macro" and global issues with the specific economic-financial and industrial reality of some countries, Italy first and foremost, considering the triad of electricity generation-storage-grids in light of decarbonization objectives from a combined perspective of environmental, economic, and social sustainability. This, of course, is in the face of evolving energy demand and therefore efficiency. Digitalization, artificial intelligence, and data centers will certainly be among the drivers of the latter.

How does Italy position itself in these respects? How is the energy transition progressing and what outlook does it have?

In recent years, our country has seen significant development in renewables, with increasing investments in photovoltaic, wind, and storage. In 2024, projects worth 121 billion euros and 86.6 GW were identified, with a 60% growth compared to the previous year (source Althesys). However, only a part will be realized, with authorization procedures and NIMBY phenomena still hindering utility-scale projects. In offshore wind, for example, Italy is still at a standstill. The consequence is that much still depends on gas and costs on bills are not decreasing. However, the recent Fer-X Decree auctions have shown great participation and falling prices, albeit with considerable differences between photovoltaic (about 7 GW awarded out of 10 requested) and wind (less than 1 GW out of two submitted).

In basic technologies, such as photovoltaic and batteries, the game for Italy (but also for Europe) has long been lost, with China as the absolute leader. However, Italy has a substantial manufacturing chain, with significant presence in segments such as electrical components, cables, inverters, meters, and services. The

aggregate turnover of companies specialized in these markets is 32.1 billion euros with about 86,000 employees.

Stagnant electricity demand with electrification at a standstill, despite repeated growth scenarios, constitutes a brake on the development of renewables, modernization, and decarbonization of the Italian system. The development of heat pumps, electric mobility, and green hydrogen have so far failed to accelerate. Today, data centers represent the new frontier, but uncertainties are still many.

The governance system, the adequacy and timeliness of support policies, and the ability to invest and innovate are therefore crucial for a sustainable transition. The study highlights how delays and regulatory uncertainties are slowing down the process and how, instead, a development scenario could bring substantial benefits to the entire Italian industrial and economic system.

WEDNESDAY 4
MARCH

14:30 -
16:00

Tiglio Room, pav.
A6

**Exhibitors and
partners events**
[**Click here**](#)

Preparing for the future: the skills needed to work and do business in new mobility

Organized by: Motus-E, Rete di scuole per la mobilità

Language: Italian

The transition towards new mobility, between digitalization and new powertrains, requires unprecedented skills and adequately trained professionals. In a rapidly evolving context, illustrated by experts from the energy and automotive world, the panel will explore which profiles will be most in demand by the industry in the coming years and how to orient training and study paths to prepare professors and students to face the greatest technological transformation in the history of the automotive sector.

WEDNESDAY 4
MARCH
14:30 -
16:30
Ravezzi 1 Room
South Hall
ForumTech
[Click here](#)

ForumTech 2026: AgriFV - operators' experiences and regional perspectives. Parallel session 2.1

Organized by: ITALIA SOLARE

Language: Italian

ITALIA SOLARE's ForumTech 2026 returns with a new edition even more focused on the technological, regulatory and legislative evolution of the photovoltaic sector. A full day to explore, together with experts, companies and institutions, the technological innovations stimulated by support measures.

WEDNESDAY 4
MARCH
14:30 -
16:30
Diotallevi 1 Room
South Hall
ForumTech
[Click here](#)

ForumTech 2026: Environmental regulations and end-of-life: new challenges for the supply chain. Parallel session 2.2

Organized by: ITALIA SOLARE

Language: Italian

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WEDNESDAY 4
MARCH
14:30 -
15:30
Su.Port Arena,
pav. B3
Su.Port -
Sustainable
Ports
[Click here](#)

Offshore Wind Revolution Working Groups - Takeaway and results

Organized by: Magellan Circle in collaborazione con AERO, Wind Europe, Ambasciata di Danimarca in Italia, Innovation Norway, Owemes

Language: Italian

After two editions in port territories involved in offshore wind development, Offshore Wind Revolution – OWR lands at Key Energy. The Working Groups (reserved, by invitation) return, aimed at stimulating discussion, co-creation, and sharing among leading industry operators.

In the 'restitution' session, the concrete solutions identified in the morning's work for the development of the offshore wind supply chain in Italy are made public.

WEDNESDAY 4
MARCH
15:00 -
16:00
Rinnovabili Hub,
Pav. 220-A7
Cross-cutting
topics
[Click here](#)

Energy for Space or Space for Energy?

Organized by: BEX – Beyond Exploration Expo, in media partnership con Rinnovabili.it

Language: Italian

Space exploration requires energy availability for launchers, orbital stations, satellites, and to enable long human stays on lunar and planetary surfaces. On the other hand, space exploration aims to find resources, including energy resources, to be used on-site and transferred to Earth. These needs are conflicting or could be integrated and made synergistic. The panel explores the bidirectional relationship between energy and space, highlighting both technological and strategic challenges as well as the most concrete opportunities for businesses: emerging projects, supply chains, and business models where public and private sectors can collaborate, enhancing the cross-cutting spillovers

of the New Space Economy, starting from the energy sector. It is in this scenario, where traditional industry and new non-space players find common ground, that Beyond Exploration (BeX) is born, the new hub for dialogue between industry, research, and institutions dedicated to the European space economy.

WEDNESDAY 4

MARCH

16:00 -
17:30

Efficiency Arena,
pav. A7

EFFI - Energy
Efficiency Expo
[Click here](#)

Energy efficiency in small businesses: issues and possible solutions

Organized by: Coordinamento FREE, Confartigianato, CNA e FIRE

Language: Italian

Small and medium-sized enterprises represent the backbone of the Italian productive fabric, but they often struggle to adopt structured energy efficiency policies. Lack of internal technical expertise, limited availability of dedicated personnel, and difficulties related to investment costs are among the main obstacles that lead to neglecting significant opportunities for economic and energy savings.

The conference aims to analyze in detail the most common critical issues in SMEs, particularly in small businesses, regarding their ability to implement energy efficiency, identifying the causes of this limited attention and highlighting the consequences in terms of competitiveness and sustainability. At the same time, possible solutions will be explored, from forms of technical and training support to financial and fiscal incentives, to models of collaboration with external entities that can support - together with trade associations - companies in the path of efficiency improvement and energy transition.

The initiative aims to promote dialogue between institutions, trade associations, industry experts, and entrepreneurs, with the goal of outlining concrete and replicable tools that allow even small production entities to seize the benefits of energy efficiency in terms of competitiveness.

Session Chair

Dario Di Santo, FIRE – Coordinamento FREE

program

Introduction

Fabio Roggiolani, Ecofuturo

Tools available to businesses

Gennaro Niglio*, GSE

Energy audits for SMEs

Marcello Salvio*, ENEA

Solutions proposed by companies

The experience of Geoside

Round Table

Participants: Confartigianato, CNA, AssoEge, FIRE, Coordinamento Free.

* invited

WEDNESDAY 4

MARCH

16:00 -
17:30

Ravezzi 2 South
Hall

EME - eMobility
Expo
[Click here](#)

Electric car charging between regulatory updates and technological innovation

Organized by: ANIE, Motus-E

Language: Italian

Through the comparison between institutions, charging operators and infrastructure manufacturers, Motus-E intends to take stock of the most recent regulatory updates affecting the public charging sector, with particular attention to the application of the AFIR regulation. From Plug & Charge solutions to new payment systems, this panel aims to analyze the main technological innovations in a constantly evolving sector such as electric vehicle charging.

Program

Introduction and opening of works

Representatives of ANIE, MOTUS-E, Unareti (TBD)

Panel

Moderator:

Matteo Gizioni, Head of Market Intelligence, Motus-E

Speakers:

Andrea Daminelli, CEO, DazeTechnology

Davide Spaziani, Sales Italian Director EV Chargers, Ingeteam

Gerald Avondo, Head of Product and Services E-mobility, Scame Parre

Ezio Palilla, Sales Manager eMobility, SIEMENS

Federico Fea, CEO & Co-founder, Powy

Simone Saccani, Country Head Italy, Fastned

WEDNESDAY 4

MARCH

16:00 -
18:00

Hydrogen Arena,
pav. B4

HYPE -
Hydrogen
Power Expo
[Click here](#)

Regional Hydrogen Valleys

Organized by: ART-ER, Cluster Tecnologico Nazionale Energia

Language: Italian

The “*Regional Hydrogen Valleys*” workshop explores the role of Hydrogen Valleys in fostering sustainable territorial development and advancing Italy's energy transition. The event will focus on various regional green hydrogen supply chains that are either already operational or in the development phase.

Structured as a talk, the session will bring together businesses and facilitators from different regional supply chains to present the current status of development, collaboration opportunities, key strengths, weaknesses, and potential synergies at the national level.

The event aims to delve into the essential aspects required to initiate the hydrogen supply chain from a local territorial system perspective and provide insights into the potential of Hydrogen Valleys within the national framework. This workshop will provide a unique opportunity for stakeholders to exchange ideas, explore collaborations, and contribute to the advancement of Hydrogen Valleys as key drivers of Italy's energy transition.

WEDNESDAY 4
MARCH
16:00 -
17:30
City&Mobility
Arena, pav. A2
Sustainable City
[Click here](#)

Next Generation AI for a carbon-free built environment

Organized by: Comitato Tecnico Scientifico KEY

Language: English

Following the success of last year's event, this event aims to present the latest innovations and projects related to the use of Artificial Intelligence (AI) for the decarbonization of the built environment. International experts in the field will therefore meet to discuss the potential in the sector and the implications for both industrial and civil contexts.

WEDNESDAY 4
MARCH
16:00 -
17:30
Main Stage -
Cupola Lorenzo
Cagnoni, Hall
Sud
Cross-cutting
topics
[Click here](#)

Energy, industry, growth

Organized by: Elettricità Futura

Language: Italian

The development of the industrial supply chain between regulatory evolution and investments

The energy transition is the key to simultaneously strengthening energy security, competitiveness and decarbonization. In this process, electrification from renewable sources represents a cornerstone, but it must be accompanied by a balanced mix that includes natural gas as a resource for flexibility and security, along with networks and storage systems.

Today, renewables represent an available solution and an industrial driver for the country: they could mobilize up to 100 billion euros in investments by 2027, generating an impact on GDP of about 85 billion euros and tens of thousands of new skilled jobs. However, to transform this potential into concrete results, it is necessary to reduce administrative complexity, ensure regulatory certainty and develop effective and efficient market mechanisms. The results of the transitional FERX, MACSE and Energy Release suggest that medium-long term negotiation is able to transfer the benefits of the transition to the industrial supply chain and the national production system. These mechanisms, if properly implemented, could allow the 150 GW of renewable plants awaiting authorization to generate competitive and stable prices for businesses and consumers. This would encourage new investments in renewable capacity, repowering operations, flexible and programmable production capacity and storage systems.

Transmission and distribution networks are the enabling infrastructure of this secure and competitive transition process. Also on this front, therefore, it is essential to accelerate investments through the definition of a regulatory framework that gives certainty to the operators required to implement them, with the aim of making the national electricity grid safer, more resilient and interconnected. No less important is human capital and its training and reskilling, considering the evolution of market mechanisms and technologies that require increasingly technical and digital skills.

The Elettricità Futura event will be an opportunity for a discussion with institutions and stakeholders of the national electricity sector on the evolution of market mechanisms as a lever for concrete solutions, capable of generating works, industrial supply chains, growth and security for the country.

WEDNESDAY 4

MARCH

16:00 -
18:00

Solar&Finance
Arena, pav. B5

Cross-cutting
topics

[Click here](#)

Demand response: business models and opportunities

Organized by: Smart-EN

Language: Italian

Demand response (DR) is becoming a central element in increasing the flexibility of the electrical system and promoting the integration of renewable sources. The DR ecosystem includes a variety of actors: from smart device manufacturers to digital platforms for optimizing individual and collective consumption, from innovative suppliers to aggregators of flexible distributed resources, to platforms for accessing flexibility markets. This conference aims to explore the different business models related to DR, analyzing opportunities and challenges for each actor: from valorizing consumer flexibility to creating innovative services, from managing peaks and balancing to participating in energy markets. The regulatory and market framework in Italy and Europe, operational challenges - such as demand forecasting, remote control, and customer segmentation - and prospects for technological and entrepreneurial development will be discussed. The goal is to outline integrated strategies to leverage DR as a driver of the energy transition, maximizing benefits for the system, businesses, and consumers.

Program

16.00 Welcome and introduction

Michael Villa, Executive Director, smartEn

16.10 *United in diversity*

Presentation of different business models with a single objective: activating the potential of demand response

Luca Porro, Business Development – Home Energy Management & Demand Response, Ariston Group

Giulio Troncarelli, CEO, Energy of Things

Ciro Lanzetta, CEO, i-EM

Simona Burchill, Italy Flex Lead, Octopus

Roberto Pezzoli, Head of Flexibility & Business Development, Dolomiti Energia Group

Lorena Bordi, CEO & Founder, K4Grid

Laura Casolo Ginelli, R&D Programme Manager, HivePower

Marco Gandolfo, Commercial Manager, Piclo

17.10 *Debate: Opportunities and challenges for synergistic interaction between the various market players in demand flexibility*

Previous speakers, moderated by Michael Villa

17.55 Conclusion

Michael Villa, Executive Director, smartEn

WEDNESDAY 4

MARCH

16:00 -
17:30

Diotallevi 2 Room
South Hall

Cross-cutting
topics
[Click here](#)

Hydroelectric: a sector with great potential

Organized by: ANIE, FEDERIDROELETTRICA

Language: Italian

Hydroelectric generation is a cornerstone of renewable production in Italy's energy mix. In 2024, hydroelectric power produced 52 TWh, covering 40% of renewable generation and 17% of national production, with output that is largely programmable and the rest at least predictable, with obvious consequences for grid stability. Estimates of investments in the hydroelectric sector in Italy vary, but indicate a significant need for plant renewal and modernization, with figures ranging from 5.5 to 15 billion euros for renovation and another 3.4 billion for new mini-plants that enhance existing hydraulic works such as dams, weirs, and irrigation networks from an energy perspective, and potential development also with larger plants on less exploited rivers or on low heads. One of the objectives is to improve the efficiency and power of the existing plant fleet, which in many cases has a high average age. Blocking investments are the uncertainty over concession renewals, the non-application of the new provision on prevailing public interest in compliance with RED III, the burdensome nature of BIM fees and surcharges, and the further obstacle of SNPA compliance for access to FER X economic support mechanisms. The conference aims to explore these aspects to unlock investments in a sector that can increase its contribution to national energy security and reduce energy costs, and stimulate the entire industrial supply chain linked to the maintenance of large plants.

WEDNESDAY 4

MARCH

16:30 -
18:00

Tiglio Room, pav.
A6

EME - eMobility
Expo
[Click here](#)

Decarbonizing transport: the right energy to the right sector

Organized by: Transport&Enviroment, Kyoto Club

Language: Italian

There are many energy vectors that can contribute to the decarbonization of transport. But not all have the same potential for emission reduction. Moreover, some rely on scarce raw materials or opaque supply chains, are difficult to scale, present cost or infrastructure criticalities, or are more energy-intensive than others. In a multi-voice discussion, Kyoto Club and Transport & Environment want to frame these aspects to define not only the potential of various energy vectors, but also, and above all, where and how to best employ them. What are the orientations of European institutions? How far can the electrification of transport go? What role can e-fuels, biofuels, and biomethane play?

Session Chair

Francesco Ferrante, Vice President Kyoto Club

program

The right energy to the right sector - energy and transport transition in the EU
Carlo De Grandis, Transport and Mobility Policy Officer, European Commission (TBC)

Alternative fuels put to the test

Carlo Tritto, Sustainable Fuels Manager, Transport & Environment

How to finance the transition of hard-to-abate sectors?

Federico Cuppoloni, Director, Cleantech for Italy

How much renewable energy is needed to decarbonize transport?

Gianni Silvestrini, Scientific Director, Kyoto Club
Biofuels, a dead end? The role of biomethane in logistics
Piero Gattoni, CIB, Italian Biogas Consortium
Conclusions
Andrea Boraschi, Director Transport & Environment Italy

WEDNESDAY 4
MARCH
17:15 -
18:00
Innovation Arena,
pav. D4
Energy
Transition
[Click here](#)

Lorenzo Cagnoni Innovation Award Ceremony

Organized by: Comitato Tecnico Scientifico KEY

Language: Italian

Starting with the 2024 edition, KEY will organize the Lorenzo Cagnoni Innovation Award, dedicated to the memory of the president of Italian Exhibition Group, the man who first believed in the KEY – The Energy Transition Expo project. The award will be given to the seven most innovative projects among the exhibitors, one for each of the seven product sectors present at KEY, and to the three start-ups that have distinguished themselves for their projects. This initiative is designed to reward companies that have been committed for years to developing increasingly innovative products and offering cutting-edge

services, thus contributing to the transition to the use of renewable energy in our country and around the world. The evaluation will be carried out by a committee composed of representatives from the event, the world of research, associations, and industry.

THURSDAY 5 MARCH

THURSDAY 5
MARCH

10:00 -
11:30

Diotallevi 2 Room
South Hall

EFFI - Energy
Efficiency Expo
[Click here](#)

THURSDAY 5
MARCH

10:00 -
12:00

Ravezzi 1 Room
South Hall

EME - eMobility
Expo
[Click here](#)

Report on the state of energy sustainability in the construction supply chain

Organized by: Comitato Tecnico Scientifico KEY e FEDERCOSTRUZIONI

Language: Italian

The Report will focus on the state of sustainability in the supply chain, including a critical and comparative analysis with the main reference tools and guidelines (LCA, new EPBD, CAM, ESG/CSRD). The document will include sections dedicated to the European and national context, analysis by sectors, aggregate indicators and a reflection on the transition trajectories of the supply chain.

The charging network for electric cars: where do we stand in Italy and Europe

Organized by: GSE e Motus-E

Language: Italian

Instant translations: English

An essential dialogue between operators, institutions, regulators, and concessionaires to assess the opportunities and challenges for the implementation of an efficient and widespread charging network in Italy and Europe. From the role of CPOs and DSOs to tariff dynamics, including the infrastructure of fuel service stations, the Next Generation EU and highway tenders: the panel organized by Motus-E will offer an updated overview of the state of the art of the charging network for electric vehicles and will seek to provide an opportunity for discussion with European institutional stakeholders.

Program

Introduction: Opening remarks and greetings

Vinicio Mosè Vigilante, CEO GSE

Fabio Pressi, President Motus-E

Overview of the European context

Chris Heron, Secretary General E-mobility Europe

Analysis of the Italian context

with representatives from GSE, Motus-E, RSE (TBD)

Panel I – Institutional and regulatory framework

with representatives from MASE, ARERA, Utilitalia (TBD)

Panel II – Operators and infrastructure development

Simone Triepi, Head of Charging Point Operator Enel, Enel X Way

Elena Airoldi, Country Manager Italy & Iberia, IONITY GmbH

Ambrogio Cassini, Head of eMobility, Repower

Carlo Ferri, Head of Commercial Innovation, Hera Comm

Federico Caleno, Chief Operating Officer, IPlanet

THURSDAY 5

MARCH

10:00 -
11:30

Mimosa Room,
pav. B6

SEC - Solar
Exhibition
Conference
[Click here](#)

Territorial acceptability of utility-scale plants: national and international best practices

Organized by: Coordinamento FREE, Italia Solare

Language: Italian

The development of large-scale renewable energy plants (utility scale) represents an essential lever to achieve national decarbonization goals. However, their diffusion often encounters obstacles related to territorial acceptability, with resistance from local communities and conflicts in land use and/or visual and environmental impact of the plants. To address this challenge, it is crucial to identify and promote models capable of combining the development of renewable energies with the generation of environmental, economic, and social benefits for the hosting territories and to promote a participatory approach in the development and implementation phases of the plants.

The conference aims to explore national and international best practices, analyzing experiences of community involvement, compensation tools, and innovative models of value sharing. Particular attention will be given to practices and experiences that have managed to transform large renewable energy plants from a source of conflict into an opportunity for local development.

The meeting aims to offer a comparative framework useful for institutions and operators to outline replicable strategies, capable of accelerating the energy transition while allowing the development and implementation of large renewable energy plants with the consent and participation of local communities.

Session Chair

Attilio Piattelli, Coordinamento Free

Program

Report on FREE survey on good practices and recommendations for Administrations, Territorial Entities, and operators

Francesco Luise, Coordinamento Free

Best Practices:

- Citizen involvement in the permitting process: AGSM AIM Energia's experience with the Monte Giogo wind farm (Mugello)
- The correct use of environmental compensations: the experience of the municipality of San Sostene (CZ)
- Citizen participation in financing RES plants: RWE's experience with the San Severo wind farm (FG)
- Citizen participation in project shareholding: ènostra's experience

Round Table

Participants: ANCI*, Coordinamento FREE, Italia Solare.

* invited

THURSDAY 5
MARCH

10:00 -
11:30

Innovation Arena,
pav. D4

SEC - Solar
Exhibition
Conference
[Click here](#)

Artificial Intelligence for the maintenance and management of photovoltaic plants

Organized by: ENEA

Language: Italian

The operation and maintenance (O&M) phase of a photovoltaic plant is receiving increasing attention from industry professionals. Indeed, it is a very long time period, even more than 30 years, during which the plant operator has to meet complex commitments ranging, for example, from ensuring annual productivity that cannot fall below 2% compared to contracted levels, to fault resolution times on the plant that, in the most serious cases, cannot exceed 72 hours.

Photovoltaic plants, especially utilities, can also extend over several hectares and be distributed over quite large areas, so that the maintenance phase can be very challenging in terms of human resource commitment and warehouse management, with intuitive implications on the costs of the energy produced. And, in fact, authoritative studies are beginning to show that OPEX costs are clearly increasing compared to the monotonous decrease in corresponding CAPEX costs. In this context, the ability to know the operational status of a plant at any given moment and then predict its evolution over time through the use of artificial intelligence techniques is becoming an increasingly inevitable operational necessity.

The first part of this workshop is dedicated to illustrating methods and techniques that can be applied to the O&M phase of photovoltaic plants: from energy forecasting techniques with their dual value in terms of productivity prediction and minimization of the effects of extreme events, to long-term prediction of plant failures with the possibility of organizing predictive rather than corrective maintenance procedures, to the use of control systems completely based on IoT logic. ENEA technicians who have developed the applied AI knowledge will discuss these topics. The second part of the workshop is instead dedicated to the illustration of a case study applying the methods and techniques discussed in the first part. In the MARTA project (Advanced Monitoring and Management in Network of Photovoltaic Plants), funded by MIMIT through the Sustainable Growth Fund - Innovation Agreements, which is concluding in these months, an Italian utility of about 5 MW has been revisited applying artificial intelligence techniques also to protect the processes of delivering the energy produced to the electrical grid. Tea Tek spa, the plant operator, Molini Casillo, the plant owner, and ENEA, the developer and provider of basic knowledge, will discuss this. The third part aims to be a moment of discussion with the audience, an informal Q&A session on the topics of AI, photovoltaic energy, and non-programmable energy sources.

THURSDAY 5

MARCH

10:00 -
10:40

Su.Port Arena,
pav. B3

Su.Port -
Sustainable
Ports
[Click here](#)

THURSDAY 5

MARCH

10:00 -
11:30

Energy
Distribution
Arena, pav. A5

Cross-cutting
topics

[Click here](#)

How Norwegian offshore wind supply chain cluster members can support the bankability of FOW in Italy

Organized by: Norwegian OHshore Wind (NOW)

Language: English

As the FOW industry moves toward commercial-scale deployment, reducing the CAPEX of marine operations has become a critical priority. Currently, marine operations, specifically the installation of floaters, mooring systems, and anchors, account for approximately 15% to 35% of total project costs. For floating wind to achieve a LCOE competitive with bottom-fixed offshore wind, innovative installation strategies and specialized supply chain solutions are essential

The potential of industrial flexibility

Organized by: Smart-EN

Language: Italian

The increasing variability in electricity generation from renewable sources, combined with regulatory and market pressure towards decarbonization and efficiency, makes industrial flexibility a strategic resource for the energy system. This presentation explores the technical, economic, and regulatory dimensions of flexibility in the industrial sector: demand management strategies, storage systems, modular production, load-shifting, automation, and digitalization. National and international case studies, effective remuneration models, existing barriers (risk management, initial investments, regulations), and proposals for incentive policies will be presented. The goal is to outline how energy-intensive industries can become not only consumers but also active in supporting grid stability, contributing to reducing energy costs, improving resilience, and accelerating the transition towards a more sustainable system, while increasing their competitiveness.

Program

10.00 Welcome and introduction

Michael Villa, Executive Director, smartEn

10.10 *Industrial flexibility: presentation of good practices in Italy and Europe*

Paolo Quartulli, Country Manager Italy, Energy Pool

Alessandro De Cristofaro, Co-founder, Energyxplore

Antonio Tripodi, Flexibility Italy - Team Reference Leader, Enel X

11.00 Q&A

Previous speakers

Chiara Di Mambro, Director of Strategy Italy and Europe, ECCO

Moderated by Michael Villa

11.25 Conclusion

Michael Villa, Executive Director, smartEn

THURSDAY 5

MARCH

10:00 -

11:30

Solar&Finance
Arena, pav. B5

Cross-cutting
topics

[Click here](#)

Towards a Circular Economy for Solar and Energy Storage: Strategies and Innovations in PV and Battery Recycling

Organized by: ETA-Florence, in collaborazione con Ecomondo

Language: English

THURSDAY 5

MARCH

10:00 -

11:30

Tiglio Room, pav.
A6

Energy
Transition
[Click here](#)

The role of industrial sector innovation in the energy transition

Organized by: RSE SpA

Language: Italian

The energy transition represents one of the main challenges of our time, and the industrial sector is at the forefront, thanks to its potential for innovation and transformation. The conference aims to explore the concrete contribution of technological innovation to industry decarbonization and energy efficiency, analyzing the strategic role of digitalization, companies' visions, transition supply chains, and the operational responses implemented by the productive fabric.

Program

Moderator:

Francesca Bazzocchi, Head of Energy Efficient Uses Research Group, RSE SpA
Introduction to the works

Marco Borgarello, Director of the Department of Efficient Energy Use for End Uses and Territory, RSE S.p.A.

Expected opportunities and challenges

Marco Ravazzolo, Director of Environmental, Energy and Mobility Policies, Confindustria

The role of digitalization in process efficiency

Francesca Meroni, Researcher, RSE

What companies think

Dario Di Santo, Director FIRE

Companies' operational responses

Roberto Cimberio, CEO Cimberio

ENGIE Representative (TBC)

Centrica Business Solutions Representative (TBC)

Salvatore de Rinaldis, Technology & Innovation Manager, SAIPEM

Conclusions and closing remarks

THURSDAY 5

MARCH

10:15 -
11:45

Neri 1 Room
South Hall

WEM - Wind
Expo for Med
[Click here](#)

A control room to accelerate the energy transition

Organized by: ANEV (Associazione Nazionale Energia del Vento)

Language: Italian

The energy transition is proceeding at an ever-increasing pace, driven by the development of renewable energy plants. However, this acceleration encounters a structural obstacle: the national electricity grid, often considered saturated and therefore unable to accommodate new plants. In many territories, especially in the South and inland areas, rejected applications due to "lack of available capacity" are multiplying, even when the physical infrastructure is not actually overloaded.

This is where the concept of virtual saturation comes into play. A model that, if not updated, risks slowing down the development of renewables.

This conference is born to discuss in a constructive and technical way how to overcome the constraint of virtual saturation through regulatory, digital and infrastructural solutions.

The goal is to build a more open, transparent and adaptive electrical system, in which the grid is no longer a brake, but an accelerator for the transition. To do this, collaboration between operators, regulatory updates and a qualitative leap in shared planning are needed.

THURSDAY 5

MARCH

10:30 -
12:00

Neri 2 Room
South Hall

KSE - Key
Storage
[Click here](#)

Energy storage systems: regulatory and technological scenarios from flexibility to the Net Zero Industry Act

Organized by: ANIE

Language: Italian

The conference aims to explore the strategic role of storage systems and innovative energy storage solutions in the development of the national electricity system, in light of new European directives and the objectives of the Net Zero Industry Act. The main regulatory and policy drivers that will guide the integration of storage systems in Italy will be analyzed, highlighting opportunities and challenges for different market segments. A particular focus will be on the flexibility services that storage can offer to the electricity grid, favoring greater penetration of renewables and system security. Emerging technological scenarios, industrial development prospects, and possible synergies between regulation, innovation, and the European production chain will also be examined. The event is proposed as a moment of dialogue between institutions, regulators, companies, and associations, with the aim of outlining growth trajectories and policies necessary to make Italy a competitive player in the European climate neutrality scenario.

THURSDAY 5

MARCH

10:30 -
13:00

Main Stage -
Cupola Lorenzo
Cagnoni, Hall
Sud

**Cross-cutting
topics**
[Click here](#)

EPC and Finance: the new phase of renewables

Organized by: Elemens e KEY - The Energy Transition Expo

Language: Italian

How to build and how to finance: industry questions industry

The FER-X auction has brought the discussion on renewables to a level of maturity and concreteness enormously greater than in recent years. The projects, having acquired certainty on revenues, are now effectively ready for construction and financing. And so, after so much talk about authorizations and pipeline, the topics of interest, language, and industry questions are finally changing. Will the EPC prices hypothesized by manufacturers before the auction be in line with those they will incur? What operational criticalities will arise? Will there be prevalent formulas? And then: what will the banks propose – and ask for? How far can leverage be pushed? And more generally: will there be a seat for everyone or will someone be left standing?

All the answers in the KEY and Elemens conference dedicated to EPC and Finance, where industry will question industry.

THURSDAY 5

MARCH

11:00 -
11:30

Su.Port Arena,
pav. B3

**Su.Port -
Sustainable
Ports**
[Click here](#)

The impact of seabed dynamics in the design of an offshore wind farm

Organized by: AVENTA

Language: Italian

The design of offshore wind farms requires an integrated analysis of geophysical and environmental data to counteract seabed mobility caused by waves and currents.

It is essential to predict erosion at the base of the turbines to ensure their stability, calculate the correct burial depth of cables in relation to sediment movement, and assess the evolution of the coastline for safe landing, considering both seasonal variations and the impact of climate change.

THURSDAY 5

MARCH

11:30 -
13:00

Hydrogen Arena,
pav. B4

**HYPE -
Hydrogen
Power Expo**
[Click here](#)

GERMAN-ITALIAN Energy Talk - Hydrogen

**Organized by: Hannover Fairs International, Hydrogen + Fuel Cells Europe,
ITKAM, Die Gas- Und Wasserstoffwirtschaft, H2IT**

Language: English

The focus is on international dialogue on the topic of hydrogen in Europe. International experts exchange ideas with Italian protagonists from the industry. The Italian and German industries are very closely linked and are defining joint solutions at the political and economic-technical levels. The main topics are business cases, financing, and infrastructure. International accounts give keynote speeches. Experts will exchange after ideas in a moderate round table discussion. A dialogue with the audience will take place. A concluding business lunch will offer networking opportunities at an international level.

Program

Moderator:

Cristina Maggi, Director, H2IT Italian Hydrogen Association

11.30 Opening remarks

Representative of Embassy of the Federal Republic of Germany to the Italian Republic

11.40 Keynote speeches

From Status Quo to a Hydrogen-Powered Future

Fabrizio Penna, Head of the Mission Unit for the PNRR, Italian Ministry of Environment and Energy Security

Representative of German Federal Ministry for Economic Affairs and Energy

Luigi Crema, Chair of the Hydrogen Europe Research Board & Vice President H2IT

12.10 Panel discussion

Best Practices in International Cooperation within the H2 Market

**Program currently under development*

THURSDAY 5
MARCH

11:45 -
13:15

Diotallevi 1 Room
South Hall

Su.Port -
Sustainable
Ports
[Click here](#)

THURSDAY 5
MARCH

12:00 -
13:30

Mimosa Room,
pav. B6

EFFI - Energy
Efficiency Expo
[Click here](#)

Offshore wind: an opportunity for national industry and competitiveness

Organized by: AERO (Associazione delle Energie Rinnovabili Offshore)

Language: Italian

The strategic study born from the collaboration between AERO, Intesa Sanpaolo, Politecnico di Bari, Politecnico di Torino, Prometeia and OWEMES will be presented to rigorously analyze the development of national offshore wind. The survey provides quantitative indicators on socio-economic impacts and employment needs, offering solid guidance for investments and policy decisions. By examining the capabilities of the industrial supply chain and the necessary alignment between academic training and the market, the study demonstrates the sector's potential in generating qualified employment and strengthening the technological competitiveness of the Italian supply chain in the energy transition path.

Energy efficiency of Public Residential Buildings: where are we with the use of the 1.3 billion Next Generation EU funds allocated?

Organized by: Coordinamento Free, AssoESCO e FIRE

Language: Italian

The Next Generation EU has allocated 1.3 billion euros for energy efficiency in Public Residential Building, with the aim of improving housing quality, reducing energy consumption, and contributing to the country's ecological transition. With just a few months left before the measure's deadline, it is crucial to examine its implementation status.

The conference aims to provide an opportunity for discussion among institutions, sector operators, local authorities, and supply chain stakeholders, to analyze the challenges encountered in project implementation and evaluate the effectiveness of the tools made available. Particular attention will be given to any corrective measures that would be necessary to accelerate fund spending, ensure the quality of interventions, and maximize environmental and social benefits, also in view of potential post-Next Generation EU refinancing.

The meeting therefore represents an opportunity to take stock of the ongoing process and to outline, with the contribution of the main actors involved, the future prospects of a sector relevant to achieving national and European decarbonization and sustainability goals.

Session Chair

Dario di Santo, FIRE - FREE Coordination

program

Introduction to the proceedings

Giacomo Cantarella, Assoesco

The M7I17 measure of the Next Generation EU, functioning and implementation
TBI*, GSE

Presentation of two Best Practice cases

Round Table

Speakers:

ANCI*

Francesco Ricciardi, Vice President AssoESCo
Dario di Santo, FREE Coordination
Marco Buttieri*, President Federcasa, Representative of the Seventh Mission
Structure of the Next Generation EU plan*
Conclusions
Dario di Santo, FIRE - FREE Coordination
* invited

THURSDAY 5
MARCH

12:00 -
13:30

City&Mobility
Arena, pav. A2

**EFFI - Energy
Efficiency Expo**
[Click here](#)

Building decarbonization in Italy: challenges and opportunities, from the renovation of historical heritage to the EPBD directive

Organized by: RSE SpA, GBC

Language: Italian

The EPBD (Energy Performance of Buildings Directive) represents one of the key tools of the European strategy for decarbonizing the building sector, which is responsible for a significant share of climate-altering emissions. The goal is ambitious: to gradually transform the European building stock into a zero-emission building stock, through energy efficiency measures, promotion of renewable sources, and deep renovations.

The conference aims to present some interpretative keys for the concrete application of the directive in the context of the peculiarities of the Italian building heritage, starting from the pervasive presence of historical buildings, which, although exempt from the obligations of the directive, cannot be ignored for an ecological transition of the building sector, up to interventions on existing buildings in peripheral areas (Apennine areas, inner areas, etc.).

Program

Moderator:

Veronica Lucia Castaldo, Deputy Director of the Department "Efficient Use of

Energy for End Uses and Territory", RSE

INTRODUCTION

Between history and future: the transformation of the building heritage in the decarbonization path

Towards a zero-emission building stock: national scenarios and priorities

Enrico Bonacci, MASE

The renovation of existing heritage: the challenge of historical buildings

Maria Francesca Talamo, RSE

Case studies and tools for deep renovation

Marco Caffi, GBC Italia

ROUND TABLE: The perspective of national real estate managers

Gianluca Capri, State Property Agency

Tommaso La Cascia, INVIMIT

Roberto Ferrante, Cassa Depositi e Prestiti

Representative of Poste Italiane (TBD)

THURSDAY 5

MARCH

12:00 -

13:30

Ravezzi 2 South

Hall

Cross-cutting

topics

[Click here](#)

Energy and Innovation: MASE's International Cooperation for Energy Transition

Organized by: Ministero dell'Ambiente e della Sicurezza Energetica, UNDP (United Nations Development Programme), UNEP (UN Environment Programme)

Language: Italian

As part of the international cooperation activities of the Ministry of Environment and Energy Security (MASE), to support decarbonization and energy transition, the following priority initiatives have been launched, designed to generate concrete impact in partner countries and operational opportunities for the Italian system:

- Technological innovation on energy topics with Mission Innovation and the Italian contribution both to its national dimension (on renewable sources, flexibility, storage, data/digitalization, hydrogen) and to the international dimension in collaboration with UNDP - Rome Center, through the Energy4Growth Initiative, and with the scientific support of RSE, in synergy with the Mattei Plan and the Global Gateway, on priority countries in Africa, Brazil and the Mediterranean.
- Digitalization of energy systems and flexibility with the 3DEN initiative, implemented in collaboration with UNEP, which supports technological, regulatory and policy innovations to accelerate digital transformation, consumption efficiency and integration of renewables in partner countries. Phase II involved Brazil and seven African countries (18 pilot project proposals have been selected between phase I and phase II to date, which saw wide Italian participation among companies, research centers, universities, engineering firms)
- Sustainable cooling with EPIC Deploy (Cool Coalition/UNEP), with the aim of transforming the commitments of the Global Cooling Pledge into concrete actions, promoting scalable and financeable solutions with particular attention to the tertiary and industrial sectors, where the need for cooling is more urgent. The event aims to explore opportunities for the Italian private sector and the research world, illustrating the available tools, the methods of access to calls for proposals, selection criteria and possible forms of public-private collaboration within MASE's international cooperation programs.

Program

Moderator:

Luciano Martini, Director, Generation Technologies and Materials Department, RSE

12.00 Institutional greetings

Stefania Crotta, Director General, Directorate General for Financial Programs and Incentives, Ministry of Environment and Energy Security

Alessandro Guerri, Director General, Directorate General for European and International Affairs and Sustainable Finance, Ministry of Environment and Energy Security

12.20 **PANEL 1 / Mission Innovation: From Strategy to Implementation**

The strategic role of UNDP in Mission Innovation

Duccio Tenti, Head of Strategy and Partnerships in Italy, UNDP

Technological areas and trajectories to maximize impact

Franco Cotana, CEO, RSE

12.40 *PANEL 2 / 3DEN Initiative: Digitalization for flexible energy systems*
Carolina Merighi, Program Management Officer, UNEP

12.50 *PANEL 3 / EPIC Deploy: sustainable cooling technologies*
UNEP's role in implementing EPIC

Carolina Merighi, Program Management Officer, UNEP
Overview of EPIC with focus on technological aspects
Mario Motta, Rector's Delegate for Energy Transition, Politecnico di Milano
13.10 Conclusions
Leonardo Brunori, Vice President, Assorisorse

THURSDAY 5

MARCH

12:30 -
13:30

Ravezzi 1 Room
South Hall

Cross-cutting
topics
[Click here](#)

Women in the energy sector: numbers, roles and work dynamics

Organized by: Italia Solare e KEY - The Energy Transition Expo

Language: Italian

The energy sector is today one of the main areas of industrial and occupational transformation in the country. Alongside the growth of renewable technologies and new business models, there is an increasingly necessary reflection on the composition of companies, professional roles, and the level of inclusion. During the event, the results of a survey conducted by ITALIA SOLARE and KEY - The Energy Transition Expo on the presence of women in the energy sector will be presented. This will be the starting point for a discussion based on data and qualified testimonies, with the aim of contributing to a more informed understanding of the employment and organizational dynamics of the energy sector, without ideological approaches, but starting from concrete evidence.

THURSDAY 5

MARCH

13:30 -
16:00

Neri 2 Room
South Hall

SEC - Solar
Exhibition
Conference
[Click here](#)

Italy in the European and international landscape of agrivoltaics

Organized by: AIAS (Associazione Italiana Agrivoltaico Sostenibile)

Language: Italian

Despite the numerous difficulties faced by operators, Italy is considered a beacon country for the implementation of agrivoltaics. This is mainly due to the Next Generation EU funding measure, which has given impetus to the development of an agrivoltaic market in our country. What is happening in other European countries and around the world? What "form" does agrivoltaics take in other contexts?

This meeting aims to provide a comprehensive and global overview of the agrivoltaic framework covering aspects such as: the regulatory framework, the market, social acceptability, its implementation and research.

Voices from institutions, associations, research and industry will share concrete experiences, with the aim of showing the many forms that agrivoltaics can take, the problems and opportunities it offers.

The first session offers a window on the state of agrivoltaics at the international and European level; the second session presents Italian experiences; the roundtable concludes with reflections from various actors called to respond to the needs of the present and provide direction for the future vision.

THURSDAY 5

MARCH

14:00 -
15:30

Energy
Distribution
Arena, pav. A5

DPE -
International
Electricity Expo
[Click here](#)

Electronics and Energy Transition: comparison along the supply chain

Organized by: Assodel, LUMI 4 Innovation

Language: Italian

Market insights, supply chain challenges and solutions for efficiency

The energy transition is changing demand, requirements and supply chain. Upstream in the supply chain, technological evolution, AI impact, raw material availability, compliance and lead time are important; downstream, the priorities are energy quality, grid flexibility, photovoltaic integration and voltage drop management.

The conference brings together electronics/EMS manufacturers and energy sector companies (energy management/control devices, storage systems, infrastructure and networks) to identify opportunities in high-value niches (storage, smart grid, smart metering) and address the main supply chain challenges.

Together we will answer these questions:

- How does electronics enable smarter and more efficient devices?
- Trends and Innovation: renewables, energy storage, EV charging, smart grid
- Where are the opportunities today: renewables, storage, battery management, smart grid?

THURSDAY 5

MARCH

14:00 -
15:30

Tulipano Room,
pav. B6

EFFI - Energy
Efficiency Expo
[Click here](#)

Geothermal energy and thermal storage for district heating and cooling networks

Organized by: ENEA, UGI (Unione Geotermica Italiana)

Language: Italian

Low and medium temperature geothermal energy, both shallow and deep, is a key resource for the development of district heating and cooling networks, from traditional high-temperature systems to new generation low-temperature networks. Deeper geothermal solutions can power conventional networks, while the use of high-performance heat pumps improves the efficiency of low-temperature networks, reduces losses, and facilitates integration with other renewable sources and thermal storage systems, including seasonal ones. In urban and peri-urban areas, this flexibility concretely contributes to reducing emissions and achieving European climate neutrality goals.

THURSDAY 5

MARCH

14:00 -
15:30

Ravezzi 1 Room
South Hall

EME - eMobility
Expo
[Click here](#)

Technologies for aggregating electric vehicle charging: an Italian excellence

Organized by: RSE SpA

Language: Italian

Starting from July 1, 2026, only charging infrastructures with a Charging Infrastructure Controller (CIR) will be able to remain on the list of devices prepared by GSE for access to possible incentives. The CIR project aims to promote integration between electric vehicles and the power grid, implementing the so-called "vehicle to grid" paradigm. In this context, the interaction between electric vehicles and the electrical system must allow vehicles to provide, through charging infrastructures, reserve and balancing services to the grid, as well as actions for congestion resolution and additional services, including primary and secondary frequency regulation and voltage regulation, where technically feasible.

The objective of the conference is therefore to highlight this technological opportunity to provide flexibility to the grid, security to the system, and simplify charging for users, in a perspective of maximum collaboration between institutions, research bodies, and Italian and foreign charging infrastructure manufacturers.

Session Chair

Giuseppe Mauri, Head of ICT and E-Mobility research group, Energy System Research - RSE SpA

Program

14.00 Introduction

Regulations and guidelines for smart charging

Emanuele Regalini, Energy Division, ARERA

The potential of CIR as an enabling solution

Piersilvio Marcolin, ICT and E-Mobility research group, RSE SpA

14.30 ROUNDTABLE: *The perspective of CIR and charging infrastructure manufacturers*

Moderator:

Omar Imberti, coordinator ANIE E-mobility group

Speakers:

Gerald Avondo, E-Mobility, Smart Grids & Digital Energy Platforms, SCAME Italia

Davide Spazian, Sales Italian Director - EV Chargers, Ingeteam

Stefano Rotini, Chief Technology Officer, Sinapsi

Leonardo Cavagliani, Sales & Marketing Director, MAC

Piersilvio Marcolin, ICT and E-Mobility research group, RSE

Emanuele Regalini, Energy Division, ARERA

15.10 Open discussion with the audience in the room

THURSDAY 5
MARCH

14:00 -
15:30

Vision Arena,
Pad. D3

KSE - Key
Storage
[Click here](#)

Powering Italy's Storage Decade: Markets, Technologies & the Road to 72 GWh

Organized by: IBESA

Language: English

Italy has emerged as one of Europe's fastest-growing energy-storage markets, achieving nearly 19 GWh of cumulative ESS by 2025 and installing a record ~6 GWh in 2025 alone, driven largely by utility-scale project build-out. While the residential market has slowed due to changes in the Superbonus policy, the commercial & industrial (C&I) and large-scale storage sectors are now positioned for strong and sustained growth. With Italy targeting ~72 GWh of installed storage by 2030 and preparing for major grid-scale procurement rounds such as the MACSE auctions started in 2025, the coming years will be decisive for the deployment of advanced technologies, new business models, and services essential for integrating Italy's rapidly expanding renewable energy fleet. This 90-minute session at KEY 2026 Rimini brings together leaders from research institutions, market analysts, policymakers, industry associations, and technology manufacturers. It highlights forward-looking trends in large-scale and C&I storage, covering new technologies, regulations, market structures, and investment drivers that will shape the next decade of Italian and European ESS markets.

Program

14:00 *Italy's Next Storage Wave: Scaling Markets, Technologies & the Path to 72 GWh*

Daniel Fuchs, Chief Customer Officer, EUPD Research

14:15 *The Italian Storage Market: An Investor's Perspective*

Paolo Galli, Head of Acquisitions and Finance, Tages Capital SGR

14:30 *Trading Flexibility at Scale in 2026: What's Next for Italy's Storage Market from an Energy Trader's View*

Michele Pissarello, Country Lead Italy, Entrix

14:45 *Scaling Flexibility for a Secure Power System: Alpiq's Path to a GW-Scale Battery Storage Portfolio*

Antonio Zecchino, BESS Technical Lead, Alpiq AG

15:00 *The Centrality of BESS in the Evolution of Italy's Electrical System*

Giuseppe Artizzu, Chief Executive Officer, NHOA Energy

15:15 *Energy Storage in Italy: What We See on the Ground*

Luna Wang, Managing Director of Italy, SKYWORTH PV

15:30 Closing

THURSDAY 5
MARCH

14:00 -
16:00

Innovation Arena,
pav. D4

Cross-cutting
topics
[Click here](#)

Bridging academia and industry: shared pathways for the energy transition

Organized by: Università Sapienza di Roma

Language: English

The event aims at fostering comprehensive and forward-thinking debate between researchers, industries and policy makers to inspire groundbreaking ideas and build successful partnerships to realise the energy transition and the full decarbonisation of our economy. The path to net-zero is full of ever changing challenges as we proceed towards the decarbonisation of all the energy consuming sectors and the involvement and alignment of all the main actors involved is essential.

The event will welcome research, debates and keynote speeches, involving relevant international academics and key industrial players on innovative technologies and systemic solutions as well as energy economy and policy challenges and innovations focusing on their feasibility, viability and the impact in the real environment.

This partnership will ensure a varied audience made of business actors (energy companies, manufacturers, planners developers, the financing community etc.), public sector representatives (national, regional, local and EU governments and institutions) and the international research community.

The event will set the groundwork for the 2027 Scientific Conference on the Energy Transition themes and its dissemination via Q1 Scientific Journals edited by the academics involved in the event. The upcoming conference will be focused on innovative renewable and sustainable energy technologies, as well as smart energy systems modelling and analysis, energy flexibility through sector coupling and storage technologies, energy policies, energy economics and energy efficiency.

THURSDAY 5
MARCH

14:00 -
15:30

Main Stage -
Cupola Lorenzo
Cagnoni, Hall
Sud

Cross-cutting
topics
[Click here](#)

Good news, bad news, fake news: renewables between narrative and reality

Organized by: Italy for Climate

Language: Italian

The energy transition is not only a technological and economic transformation, but also a deeply cultural one. Renewable energy sources and electrification are now at the center of a polarized debate and, as with many other complex issues of our time, there is a narrative level and a reality level. The gap between these two levels is fueled by outdated and partial information, as well as by persistent false myths that are still widespread in public discourse and represent a concrete obstacle to the transition. This event, organised by Italy for Climate, an initiative of the Sustainable Development Foundation, will provide an opportunity to bridge this gap and to discuss, through an open dialogue between experts from the media world and various industry stakeholders, what renewables need to consolidate their role as key players in the energy system, not only from a technological standpoint but also in terms of public perception. Together with journalists, we will address the narrative dimension and explore possible antidotes to the spread of distorted information that influences public debate; with

industry operators, on the other hand, we will focus on the reality dimension, analyzing the current state of renewables and how they are responding to the pressures of the multiple geopolitical crises of recent years. The event is part of the project False myths about renewables, which since 2023 has been collecting up-to-date analyses and data and which, starting this year, has also launched a pilot project in schools in Parma, thanks to the contribution of Chiesi Farmaceutici.

THURSDAY 5

MARCH

14:30 -
16:00

Abete Room,
pav. A7

EFFI - Energy
Efficiency Expo
[Click here](#)

Energy efficiency of Ecclesiastical Entities

Organized by: Federesco

Language: Italian

The main challenges concern coordination among multiple actors, compliance with specific regulations for historical-artistic assets, and access to financial resources and state and European incentives.

The event aims to promote a technical and operational exchange between experts, public and private entities, and representatives of the Italian Episcopal Conference (CEI), to present regulatory tools and financial incentives at the national level, capable of effectively supporting the energy transition in places of worship and related structures.

The conference will highlight case studies and best intervention practices, analyzing the impact in terms of consumption reduction and comfort improvement, with a view to widespread energy regeneration that takes into account the architectural and cultural specificities of ecclesiastical heritage.

Program

The energy of Laudato si'

Mons. Erio Castellucci, CEI Vice President

The efficiency project of the Fabbrica di San Pietro

Federico Butera, Politecnico di Milano

Efficiency improvement of the Assumption Parish in Spresiano (Treviso)

Gianluca Finco, Designer

Making a cloistered monastery more efficient

Sister Marta Maddalena, Engineer, Poor Clares Monastery of Rome

The REC of Borgo Don Bosco in Centocelle

Emanuele De Maria, Director of Borgo Ragazzi don Bosco, Rome

Debate and closing of the works

**program in development*

THURSDAY 5

MARCH

14:30 -
16:00

Efficiency Arena,
pav. A7

EFFI - Energy
Efficiency Expo
[Click here](#)

Measurement and verification of energy savings

Organized by: FIRE

Language: Italian

Measurement and Verification (M&V) is the fundamental tool for objectively quantifying the results of energy efficiency, emissions reduction, and more rational use of resources interventions.

Whether it concerns buildings, industrial plants, or service infrastructure—whether for a single self-financed project or for complex programs included in performance-based contracts (EPCs) or third-party financing—M&V allows you to transparently and credibly demonstrate energy savings and emissions reductions, assess the actual effectiveness of interventions compared to initial estimates, optimize every phase of the project, from design to operational management, and reduce the risks associated with lower-than-expected performance.

Discover how M&V can support you in achieving your sustainability and energy efficiency goals.

Program

14.30 Welcome and introduction

Daniele Forni, FIRE

14.45 *From Measurement to effective building management*

Oscar Sovani, Lombardia Region

Andrea Mutti, Lombardia Region

15.05 *M&V of an EPC for Museum Heritage*

Andrea Fabris, PMVA

15.25 *M&V of Interventions in a Nursing Home*

Roberto Gerbo, EGE

15.45 Q&A and closing

THURSDAY 5
MARCH

14:30 -
16:00

Efficiency Arena,
pav. A7

EFFI - Energy
Efficiency Expo
[Click here](#)

THURSDAY 5
MARCH

14:30 -
16:00

Hydrogen Arena,
pav. B4

HYPE -
Hydrogen
Power Expo
[Click here](#)

THURSDAY 5
MARCH

14:30 -
16:00

Su.Port Arena,
pav. B3

Su.Port -
Sustainable
Ports
[Click here](#)

Measures and mechanisms for the energy transition post Next Generation EU: the role of Energy Service Companies

Organized by: AssoESCO

Language: Italian

Starting from an assessment of the support measures for the energy transition related to the Next Generation EU, the future challenges for our country will be analyzed. Which tools have worked? Which measures need adjustments and why is it appropriate to plan for their refinancing? How can Energy Service Companies have a role as accelerators in the post-Next Generation EU transition process? The conference will open with an introductory analytical report and will include a round table with institutional stakeholders.

Strengthening collaboration between Italy and Japan on hydrogen technology innovations

Organized by: H2IT, Cluster Greentech, JH2A – Japan Hydrogen Association

Language: English

Italy and Japan have complementary expertise and significant opportunities for collaboration in the hydrogen sector. This event aims to strengthen this partnership, building on the activities outlined in the Memorandum of Understanding signed between H2IT and JH2A. The agreement establishes a three-year strategic cooperation to accelerate the development of the hydrogen economy and support the decarbonization of key sectors. It includes the creation of an operational platform for information exchange, the promotion of joint projects, and the transfer of technological know-how. The event offers a unique opportunity to reinforce industrial and scientific ties between the two countries, fostering synergies and collaboration across the entire hydrogen value chain. The event will feature the important participation of the Embassy of Italy in Tokyo, NEDO, and leading industrial players from both countries, who will present ongoing projects and share insights on future opportunities.

Ports of the future: the challenge between sea, energy and new economy

Organized by: AERO (Associazione delle Energie Rinnovabili Offshore)

Language: Italian

The expansion of offshore wind energy represents one of the most strategic challenges of the European and Italian energy transition. Ports, key infrastructures for logistics, assembly and transportation of wind components, are taking on an increasingly central role in the development of the offshore industrial supply chain. The conference aims to explore the role of ports in supporting the growth of the sector, analyzing infrastructure needs, adaptation strategies and public-private collaborations necessary to ensure efficiency and competitiveness. An opportunity for discussion between institutions, port operators, companies in the sector and the research community.

THURSDAY 5

MARCH

14:30 -
16:00

City&Mobility
Arena, pav. A2

Sustainable City
[Click here](#)

PUBLIC LIGHTING PELL: new perspectives from the introduction of second generation meters

Organized by: ENEA

Language: Italian

New milestones on the horizon for monitoring, acquiring, managing and evaluating in real time consumption data of Public Lighting systems. The new functionality of the next-generation meter allows communicating, even to the end user, the quarter-hourly data of electrical consumption of a system thanks to a direct reading from the POD. The end user is thus provided with the opportunity to monitor their consumption in real time, and draw appropriate considerations regarding the operation of the system.

The PELL Project by ENEA, in its construction of a static and dynamic picture of Public Lighting systems, is ready to adapt its method of reading system consumption to the Chain2 communication protocol supported by next-generation meters. The large-scale adoption of the Chain2 protocol will enable more accurate and widespread data acquisition.

THURSDAY 5

MARCH

14:30 -
16:00

Neri 1 Room
South Hall

Cross-cutting
topics
[Click here](#)

New tools to support the development of renewables

Organized by: GSE

Language: Italian

THURSDAY 5

MARCH

14:30 -
16:00

Diotallevi 1 Room
South Hall

Cross-cutting
topics
[Click here](#)

The balance of the Italian electrical system in the new supply-demand scenario

Organized by: Althesys, ANIE

Language: Italian

The evolution of the Italian electrical system must combine objectives of adequacy and security on one hand, and decarbonization, with the development of renewables and energy efficiency, on the other. Therefore, the entire system of generation, storage, and networks must be considered in light of the 2030 objectives, combining environmental and economic sustainability.

In a context where electricity demand remains weak and the electrification process is struggling, investments in renewables risk finding increasingly unfavorable market conditions for growth. Support policies remain crucial, both to have ever-increasing shares of renewables and to have flexible capacity and storage available.

Operators and investors must face new scenarios and uncertainties, where the risks of cannibalization of renewables are growing, and negative prices are also expected in Italy.

The system design must therefore aim to combine decarbonization objectives with balance, security, and cost-effectiveness of the system for all actors: producers, consumers, investors, and infrastructure managers.

THURSDAY 5
MARCH

16:00 -
17:30

Ravezzi 2 South
Hall

KSE - Key
Storage
[Click here](#)

Storage, grids and mobility: automotive and energy networks allies in decarbonization

Organized by: Cluster-ER Greentech dell'Emilia Romagna

Language: Italian

Energy storage is now a strategic element to ensure stability and security for energy networks, especially in a context of increasing diffusion of renewable sources and extreme events such as the recent Spanish blackout. At the same time, batteries are the heart of electric mobility. Between these two worlds - networks and mobility - synergies are multiplying precisely in relation to storage: from intelligent charging management to the application of the vehicle-to-grid model to support the network, from the reuse in "second life" of electric car batteries for stationary uses to the development of supply chains for the recovery of critical materials from the same end-of-life batteries. The conference, promoted by a joint project between Clust-ER Greentech and Mech and the Big Data and MUNER (Motor Valley University) Associations of Emilia-Romagna, aims to open a dialogue between the automotive industry and network operators to explore new possible industrial alliances in support of the energy transition.

Session Chair

Alberto Sogni, Vice President Clust-ER Greentech, RSE SpA

Program

Greetings and introduction

Alberto Sogni, Clust-ER Greentech and RSE SpA

Integration between electric vehicles and networks: current framework and perspectives

Matteo Gizzi, Motus-E

Skills and technologies supporting the energy transition in the Motor Valley

Claudio Rossi, Motor Valley University of Emilia-Romagna

The second life of automotive batteries to provide stability to the electrical grid

Silvia Colnago, RSE SpA

The recovery of critical materials from end-of-life batteries and the development of a dedicated supply chain

Giuseppe Corcione, Reinova SpA

AI applied to the control of the electric vehicle charging network

Speaker for Big Data Association

Conclusions and questions from the audience

THURSDAY 5
MARCH

16:00 -
17:30

Tulipano Room,
pav. B6

KSE - Key
Storage
[Click here](#)

High-temperature thermal storage for industry and electric grid flexibility

Organized by: ENEA

Language: Italian

The decarbonization of industry is a strategic priority for Italy and Europe, as the industrial sector significantly contributes to energy consumption and is heavily dependent on natural gas, resulting in risks for supply security and competitiveness. Many industrial processes require medium and high-temperature heat, for which mature technological alternatives are still limited today, particularly in the chemical, steel, non-metallic materials, paper, and textile sectors.

In this context, Thermal Energy Storage (TES), and especially Electro-Thermal Energy Storage (ETES), represent a promising solution for the decarbonization of industrial heat and support for the flexibility and stability of the electrical system. Powered by renewable heat and electricity, TES and ETES use non-critical materials, have lower investment costs compared to electrochemical batteries, a long useful life, and high scalability.

The workshop will present the development status of TES/ETES systems at national and European levels, analyzing the main regulatory, economic, and technological barriers to their large-scale diffusion in Italy.

THURSDAY 5
MARCH

16:00 -
17:30

Diotallevi 2 Room
South Hall

Cross-cutting
topics
[Click here](#)

Is there a future for new nuclear reactors in Italy?

Organized by: Comitato Tecnico Scientifico KEY

Language: Italian

The government has initiated a process to relaunch nuclear energy in Italy, focusing on small modular reactor (SMR) technologies. The plan includes support for research, simplification of authorizations, and the goal of integrating nuclear energy with renewables to achieve decarbonization. A draft enabling law has been approved and 7.5 million euros have been allocated for information campaigns on nuclear energy between 2025 and 2026. While nuclear scenarios are being defined, renewables continue to grow, with an increase of 4 GW from January to August 2025.

The debate will serve to compare different viewpoints on Italian energy scenarios.

Program

Moderator:

Federico Testa, Full Professor of Business Economics and Management at the Department of Business Economics, University of Verona

Speakers:

Marco Ricotti, Full Professor of Nuclear Plants at Politecnico di Milano

Giovanni Battista Zorzoli, Past President of FREE Coordination

Alessandro Dodaro, Director of the Nuclear Department (NUC) ENEA

Luciano Martini, Director of the Generation Technologies and Materials Department RSE

Nicola Armaroli, Research Director National Research Council (CNR)

THURSDAY 5
MARCH

16:00 -
17:30

Ravezzi 1 Room
South Hall

Cross-cutting
topics
[Click here](#)

Solar PV/Wind and Battery Storage Systems: the key to energy self-sufficiency, Driving Africa's Energy Transition

Organized by: Res4Africa

Language: English

Instant translations: Italian, French

The integration of solar photovoltaic (PV) and Wind energy generation, the so-called non dispatchable renewable energies, together with battery storage systems holds great promise for driving Africa's economic growth. These advanced technologies provide dependable, sustainable, and affordable power solutions that can be tailored to meet the specific needs of various locations and industries. By embracing this solutions, Africa can unlock its economic potential while addressing the energy crisis and promoting a sustainable future.

Solar PV/Wind power and Battery Storage systems are increasingly vital for expanding electricity access and stabilizing grids in Africa, driven by decreasing costs and supportive government policies across the Continent. Major projects are integrating these technologies to overcome poor grid infrastructure and reduce reliance on diesel generators. While challenges like high upfront costs and regulatory uncertainty persist, the trend shows rapid growth and potential for significant impact across the continent.

There are a multitude of ways to apply solar and wind energy together with battery storage technology to address site-specific needs. It does require a professionally engineered solution, allowing the flexibility of these systems to optimize operational costs and secure reasonable return on investment over the lifespan of such systems.

The panel will cover key topics such as advancements in energy storage manufacturing, the evolving role of battery storage in state-level energy policy, exploring a variety of topics around battery energy storage systems coupled with solar PV/Wind value chain in the African Continent.

Program

16.00 Welcome speech

Roberto Vigotti, Secretary General RES4Africa

16.20 Opening Remarks

Faycel Tarifa, President and CEO STEG Tunisia (TBC)

16.30 *Panel Solar PV/Wind power and Battery Storage Systems: the key to energy self-sufficiency, Driving Africa's Energy Transition*

Moderator:

Paolo Cutrone, Head of Mediterranean Activities, RES4Africa

Speakers:

Stéphane Célarier, General Director Nidec ASI S.A.S.

Ali Kanzari, CEO Solar Energy Systems

David Martinez Ortega, Regional Sales Manager Europe, Motion High Power Division ABB

Giovanni Maria Celiberti, Senior Sales Manager Nordex (TBC)

Simone Pasquini, Area Manager Africa CESI

Abdellilah Rochd, IRESEN /Green Energy Park Morocco, Head of Smart Grids

Natalia Kiselnikova, Head of Horizon projects, BIG LEAP EU project on second life batteries, RES4Africa

THURSDAY 5

MARCH

16:15 -

18:15

Energy

Distribution

Arena, pav. A5

DPE -

International

Electricity Expo

[Click here](#)

Energy infrastructure for growth: perspectives, enabling technologies, critical issues

Organized by: ANIE, Generazione Distribuita

Language: Italian

In the context of KEY – The Energy Transition Expo 2026 in Rimini, the conference, organized by ANIE and GENERAZIONE DISTRIBUITA - ANIMA, brings together the supply chain of manufacturers of equipment and systems for electricity transmission and distribution and energy continuity with the main stakeholders of the electrical system: network operators, large customers, institutions and regulatory authorities, academic research. The rapid growth of renewables and the spread of energy-intensive loads (electric mobility, data centers, etc.) require increasingly resilient, digitalized and flexible networks, capable of ensuring security, quality of service and competitiveness for businesses and territories.

The conference aims to explore how network technologies are evolving (transformers, switchboards, substations, cables, generators and emergency generation systems, etc.), what the investment priorities are and what signals the regulatory and policy framework should provide to the industrial supply chain, to identify some shared priorities for the development of network infrastructures and related technologies supporting the energy transition.

Program

16:15 Registration

Moderator:

Fabio Zanellini, President of the Technical and Regulatory Affairs Commission ANIE Energia

16:30 Institutional greetings

Giorgio Paris, President GENERAZIONE DISTRIBUITA - ANIMA Confindustria

Marco Vecchio, Technical Director ANIE Federation

16:40 *Keynote speech - The evolution of energy needs in the era of electrification*

Davide Chiaroni, Full Professor Politecnico di Milano, Co-founder at

Energy&Strategy

17:00 *Round Table*

Francesco Del Pizzo, Director of Network Development Strategies and Dispatching at Terna

Gaetano Evangelisti, Head of Stakeholder Associations and Territorial Policies Enel Italia (TBC)

Andrea Galliani, Director of Energy Markets Department ARERA (TBC)

Marco Monsurrò, President EUROPGEN

Paolo Perani, Vice President T&D Europe

Sherif Rizkalla, President IDA (TBC)

18:00 Conclusions

Alessandro Giglio Vigna, President of the European Union Policies Chamber of Deputies (TBC)

Alberto Gusmeroli, President of the Productive Activities, Commerce and Tourism Commission of the Chamber of Deputies (TBC)

THURSDAY 5

MARCH

16:15 -
17:00

Su.Port Arena,
pav. B3

Su.Port -
Sustainable
Ports
[Click here](#)

European ports serving offshore wind

Organized by: OWR - Magellan Circle

Language: Italian

The main development paths, investments made and planned, the relationship with the territory and port ecosystems through case histories of leading ports in the European context, present in the North and on the Mediterranean.

THURSDAY 5

MARCH

16:30 -
18:00

Efficiency Arena,
pav. A7

EFFI - Energy
Efficiency Expo
[Click here](#)

The news about white certificates

Organized by: FIRE

Language: Italian

The traditional appointment organized by FIRE in collaboration with KeyEnergy will illustrate the results achieved, the tools activated by the GSE to support proponents, and the news, with a view to encouraging operators to participate in the scheme.

The conference is aimed at organizations in the industry, tertiary, agriculture, and transport sectors. The main recipients are ESCOs, energy service companies, companies that produce technologies in the field of energy efficiency, organizations with energy managers, and distributors of electricity and natural gas.

Chairman

Dario Di Santo, FIRE

Program

16:30 Introduction and welcome remarks

Dario Di Santo, FIRE

16:40 *Results over the years and main changes*

Dario Di Santo, FIRE

16:55 *Rules on the tariff contribution and trends in the White Certificates market*

Marco De Min, ARERA*

17:10 *White Certificates: the new operational guidelines*

Gennaro Niglio, GSE*

17:30 Discussion session

17:45 Closing remarks

* Speaker to be confirmed.

The agenda may vary without notice.

THURSDAY 5
MARCH

16:30 -
18:00

Hydrogen Arena,
pav. B4

HYPE -
Hydrogen
Power Expo
[Click here](#)

Hydrogen for Hard to Abate sectors, dialogue between supply and demand for market creation

Organized by: H2IT

Language: Italian

To accelerate industrial decarbonization without compromising European competitiveness, Europe is adopting the Clean Industrial Deal, which aims to address market barriers and promote a simpler and more stable regulatory environment. This approach must stimulate private and public investments, promoting the demand for clean energy carriers such as hydrogen, a key element for the transition in hard-to-abate sectors. In Italy, the National Hydrogen Strategy recognizes the role of this carrier for industry decarbonization, but has not yet activated an effective set of measures to stimulate demand. The conference proposes a reflection on the enabling conditions to build a competitive, integrated and sustainable national hydrogen market, leveraging Italy's expertise and the industrial growth potential linked to clean technologies.

THURSDAY 5
MARCH

16:30 -
18:00

City&Mobility
Arena, pav. A2

Sustainable City
[Click here](#)

Synergy between Networks and Buildings in the decarbonization process

Organized by: GBC, ENEA, Comitato Tecnico Scientifico di KEY

Language: Italian

In order to accelerate the decarbonization of the built environment, analyze the reduction of building energy demand, the increase in efficiency of energy-consuming systems installed within it and renewable energy production systems, along with decarbonization scenarios for energy generation and distribution.

THURSDAY 5

MARCH

16:30 -
18:00

Diotallevi 1 Room
South Hall

Cross-cutting
topics

[Click here](#)

Legambiente's renewable and solidarity energy communities: focus on BeComE, the campaign in Small Municipalities carried out with Kyoto Club and AzzeroCO2

Organized by: Kyoto Club, Legambiente

Language: Italian

A few weeks before the last deadline set by GSE for small municipalities and those up to 50,000 inhabitants to obtain funds provided by Next Generation EU, the best practices of the BeComE project by Legambiente and Kyoto Club with AzzeroCO2 will be presented, and an overview of the total numbers of RECs in Italy will be given, which risks being still lower than expected due to too many bureaucratic obstacles.

Are RECs a lost opportunity or a seed sown that will grow anyway in the ongoing energy revolution?

Session Chair

Francesco Ferrante, Vice President Kyoto Club

Program

Speakers:

Fabrizio Penna, General Director MASE

Estella Pancaldi, GSE

Katiuscia Eroe, Legambiente

Maria Assunta Vitelli, AzzeroCO2

Lino Gentile, Mayor of Castel del Giudice

Nicola Valluzzi, Mayor of Castelmezzano

Giorgio Nanni, Legacoop

Davide Gavanelli, Bryo

Closing remarks

Stefano Ciafani, President of Legambiente

THURSDAY 5

MARCH

16:30 -
18:00

Mimosa Room,
pav. B6

Energy
Transition
[Click here](#)

Next Generation EU: the Green Book of Energy Transition as a tool for monitoring objectives

Organized by: Coordinamento FREE

Language: Italian

The decarbonization process requires constant monitoring of objectives and actions taken at the national level to achieve the established targets. In this perspective, the Green Book of Energy Transition is proposed as a synthesis and analysis tool, capable of offering an updated overview of the transition's progress each year, with particular attention to the Italian context.

The conference will present the first edition of the Green Book, which will contain the main international decarbonization trends and, in relation to the national context, will recall the targets set by the Next Generation EU for 2030, assessing the level of alignment with the objectives of various sectors: electric and thermal renewables, energy efficiency, and transport. The aim is to provide a clear and immediate view of the progress made annually, accompanied by useful policy indications to support the achievement of targets and strengthen Italy's role in the global energy transition.

The volume will also contain an analysis of the essential prerequisites for building

a 100% renewable scenario by 2050, with particular attention to technological aspects.

Produced with the contribution of most Italian associations active in the fields of energy efficiency, renewables, and environmental sustainability, the Green Book of Energy Transition was created with the ambition of becoming an annual reference point for analyzing the state of transition in Italy and a shared tool for reflection, monitoring, and guiding future policies.

Session Chair

Attilio Piattelli, Coordinamento Free

program

100% renewable scenarios and technological evolution

Gianni Silvestrini, Kyoto Club

Next Generation EU objectives, implementation status, and policy suggestions

Attilio Piattelli, Coordinamento Free

Next Generation EU 2030: from diagnosis to solutions

Conversation with Paolo Arrigoni* (GSE) and Nicola Armaroli* (CNR)

* invited

THURSDAY 5

MARCH

16:30 -
18:00

Neri 1 Room
South Hall

WEM - Wind
Expo for Med
[Click here](#)

Energy in dialogue - wind power, territories and communities

Organized by: ANEV (Associazione Nazionale Energia del Vento)

Language: Italian

Conference that arises from the growing need to rethink the relationship between energy transition, landscape and democratic participation. Wind energy represents an essential component of the renewable mix necessary to face the climate crisis, but its development today encounters resistance, conflicts and criticalities related to territorial integration and community involvement.

Many projects are hindered not only for technical or bureaucratic reasons, but for the lack of real dialogue with the territories. The visual and perceptual impact of turbines, the transformation of cultural landscapes, the scarcity of shared benefits at the local level and the weakness of participatory processes are elements that put the social acceptability of wind power in crisis.

This conference aims to be a space for interdisciplinary discussion to strengthen the social acceptability of wind power, bringing together urban planners, administrators, citizens, businesses, landscape experts, designers and activists, with the aim of constructively addressing the challenges and opportunities related to the future of wind power in the territories.

FRIDAY 6
MARCH

10:00 -
11:30

Abete Room,
pav. A7

EFFI - Energy
Efficiency Expo
[Click here](#)

FRIDAY 6
MARCH

10:00 -
11:30

City&Mobility
Arena, pav. A2

EME - eMobility
Expo
[Click here](#)

EPBD & One-Stop-Shop: Technical assistance facilities to boost building energy renovation

Organized by: ENEA

Language: English

One-stop shops and technical assistance services for the energy performance of buildings are considered essential to achieve the goal of a fully decarbonized European building stock by 2050, applying the requirements of zero-emission buildings (ZEB). This meeting will present recent results and experiences drawn from ongoing projects on the topic (EPBD.Wise, EUPeers, RENOVA, among others).

Charging infrastructures for freight transport vehicles: the implementation of the AFIR Regulation in Italy

Organized by: Kyoto Club, MOTUS-E, ZET Italia, in collaborazione con Ecomondo

Language: Italian

The event aims to monitor the implementation status of the AFIR regulation in Italy almost two years after its entry into force, verifying the charging infrastructures built along road and motorway networks, with specific attention to those intended for heavy goods transport vehicles.

In fact, the AFIR (Alternative Fuels Infrastructure Regulation), approved by the European Union, imposes mandatory requirements for the spread of alternative fuel infrastructures and vehicle electrification, with particular attention to heavy vehicles, to ensure coverage of charging stations on all major European road arteries. In Italy, the implementation of the AFIR Regulation requires planning and developing a national high-power charging infrastructure along the main TEN-T routes.

To achieve these goals, significant investments in the infrastructure network on motorways and logistics corridors are necessary, and coordination between public authorities and private operators is essential to meet the timelines and targets set by AFIR.

Program

Opening of the works

by the representatives of E-Mobility Europe, MIT, Motus-E*

Institutional Panel

Moderated by Anna Donati

Speakers:

Massimo Marciani, FIT consulting

and representatives from Rimini Municipality, Milan Municipality, Freight Villages, Motorway Concessionaires*

Technical Panel

Speakers:

Gabriele Tuccillo, CEO Atlante Italia & Switzerland, Atlante

and representatives from Moon, Scania, Ewiva, Daimler Truck, ALIS/ANITA*

FRIDAY 6
MARCH

10:00 -
11:30

Efficiency Arena,
pav. A7

Sustainable City
[Click here](#)

Zero-emission Data Centers and Logistics

Organized by: GBC e Comitato Tecnico Scientifico di KEY

Language: Italian

The transition towards an increasingly digitalized society in services and consumption is aiming for significant development of data centers, buildings with a high energy footprint, in the next decade. What design strategies for zero-emission buildings and positive energy balance can mitigate the impact? What technological solutions at building and district scale can be implemented? What is the role of public administration in regulating and planning new developments?

During the event, some recent experiences will be presented, which represent concrete answers to these questions and provide food for thought on opportunities for the construction industry.

Session Chairs

GianMarco Revel, Scientific Technical Committee Key and Marche Polytechnic University

Marco Caffi, Scientific Technical Committee Key and Green Building Council Italia

Giuseppe Tripaldi, Scientific Technical Committee Key and Federcostruzioni

Program

Introduction and Institutional Greetings

Representative of Emilia-Romagna Region

Data centers as an element of the country's development strategies

Representative of the Metropolitan City of Milan

Heat recovery from data centers

Luca Rigoni, A2A Servizi&Calore

Round table: Opportunities and challenges for the construction industry

Introduces:

Emanuele Ferraloro, President of Federcostruzioni

Speakers:

Mattia Mariani, DEERNNS

Francesco Ruperto, Sapienza University of Rome

Representative of FAAM

Representative of Daikin

Conclusions

GianMarco Revel, Scientific Technical Committee Key and Marche Polytechnic University

FRIDAY 6
MARCH

10:00 -
11:30

Diotallevi 1 Room
South Hall

Cross-cutting
topics
[Click here](#)

ENEA for new energy strategies and economic-social valorization models: Energy Communities

Organized by: ENEA

Language: Italian

FRIDAY 6
MARCH

10:00 -
11:30

Neri 2 Room
South Hall

Cross-cutting
topics
[Click here](#)

CHECKMATE TO RENEWABLES 2026. Renewables, territories and communities: from opposition to opportunities

Organized by: Legambiente

Language: Italian

The growth of renewable energy sources in Italy continues steadily. Numerous projects are being proposed and implemented; however, bureaucratic delays and local opposition—often fueled by misinformation and misleading narratives—still represent significant obstacles.

Italy faces clear and attainable objectives, with the potential to deliver both direct and indirect benefits to its territories. Yet, key questions remain: What barriers must still be overcome in light of the latest regulatory framework? How can local challenges be addressed? What role and value do communities hold in this process?

The presentation of the new Checkmate to Renewables Report will once again provide an important occasion to assess the state of renewable energy development in Italy. It will also serve as a platform for dialogue with stakeholders on the current limitations and obstacles that continue to affect project implementation, with a focus on proposals and solutions designed to accelerate the energy transition.

Program

Introduction

Katiuscia Eroe, Head of Energy Policies, Legambiente

Presentation of the report “Checkmate to Renewables”

Luca Franchini, Energy Office, Legambiente

Moderation

Francesco Loiacono, Editor-in-Chief, La Nuova Ecologia

GREENTELLING – Italy Unlocking Itself: Territories in Transition

Luigi Aloisio, Mayor of the Municipality of San Sostene (CZ)

Fulvio Bonavitacola, Councillor for Productive Activities and Economic Development, Campania Region

Irene Priolo, Regional Councillor for the Environment, Land and Coastal Protection, Civil Protection, Emilia-Romagna Region

ROUND TABLE – How to Unlock Italy: Beyond Veto and Bureaucracy

Simone Togni, President, ANEV

Paolo Rocco Viscontini, President, Italia Solare

Attilio Piattelli, President, Coordinamento Free

Luca Squeri, Senator, Forza Italia

Simona Brancaccio, Head of the Special Office for Environmental Assessments, Campania Region
Fabrizio Penna, Head of Department, PNRR Mission Unit
Conclusions
Stefano Ciafani, President, Legambiente

FRIDAY 6
MARCH

10:00 -
11:30

Solar&Finance
Arena, pav. B5

Cross-cutting
topics

[Click here](#)

Clean tech in Europe and Italy: geopolitical context and industrial policies in the transition

Organized by: ECCO

Language: Italian

The global competition on clean technologies is redefining the industrial policies of the United States, China, and Europe. In this context, Italy faces specific challenges: an energy-intensive industrial structure, strong exposure to extra-EU value chains, and a still limited capacity to attract productive investments in the transition technologies sector, the so-called clean tech.

The event will discuss the role of European industrial policy – from the Net Zero Industry Act to new demand support tools – and how Italian companies can position themselves in rapidly evolving global supply chains. A discussion between representatives of the European Commission, the Italian Government, and the private sector will explore investment priorities, conditions for scaling up production, demand stimulus tools (PPAs, procurement, standards), and the geopolitical dynamics of value chains.

FRIDAY 6
MARCH

10:30 -
12:00

Ravezzi 1 Room
South Hall

Cross-cutting
topics

[Click here](#)

Multiple financing instruments need to be scaled up to accelerate Africa's energy future and to improve energy access

Organized by: Res4Africa

Language: English

Instant translations: English, French

Multiple financing instruments need to be scaled up to accelerate Africa's energy future and to improve energy access.

Recent crises have made it increasingly challenging for many African countries to raise financing to support their clean energy ambitions, despite the continent's huge needs. Africa accounts for around 20% of the world's population but attracts less than 2% of its spending on clean energy

Energy investment in Africa has been falling in recent years. Spending on fossil fuels – which has typically accounted for around two-thirds of investment – has declined and clean energy investment has remained flat.

Africa is facing a variety of energy challenges. Managing the transition to a low-carbon economy and achieving sustainable development on the continent require a balanced mix of innovative solutions, including large-scale projects, distributed generation and interventions to strengthen the transmission grid.

Electrifying Africa requires a systemic thinking that embraces all the components of the electricity system and its value chains

Renewable technologies offer significant benefits in terms of job creation, energy security, climate change mitigation and adaptation, food and water production, poverty reduction and business creation.

This requires a step change in investment, requiring opening up a range of new capital sources and financing approaches.

Making capital more affordable can unlock significant development across Africa, despite ample resources and favourable underlying economics, multiple barriers hinder the development of bankable clean energy opportunities in Africa and deter private investments in projects and companies at the necessary scale.

Scaling up and replicating existing innovative financing solutions requires a coordinated approach from African governments, development finance institutions, donors and private capital.

The panel focuses on the multiple financing instruments in Africa need to be scaled up to accelerate Africa's energy future and to improve energy access, with the necessary investments to ensure that everyone has access to reliable, affordable and sustainable electricity.

Program

10.30 Opening Remarks

Roberto Vigotti, Secretary General RES4Africa

10.50 Interventi Istituzionali

Nani Juwara, Ministry for Petroleum and Energy, Republic of the Gambia

11.00 Panel: *Multiple financing instruments need to be scaled up to accelerate Africa's energy future and to improve energy access*

Moderator:

Luca Traini, Chief Operating Officer Res4Africa

Speakers:

Roberto Rando, Principal Advisor / Senior Climate Officer, European investment Bank (TBC)

Riccardo Siliprandi, Senior Principal AFRY Management Consulting Italy

Andrea Bombardi, Vice President Global Market Development RINA (TBC)
Diaby Bassaran, General Director APERCI Ivory Coast
Representative of Zhero Group (TBC)
Carlo Tacconelli, CEO Engreen

FRIDAY 6
MARCH

11:15 -
12:45

Vision Arena,
Pad. D3

SEC - Solar
Exhibition
Conference
[Click here](#)

Italy's Solar Transformation: Business Models, Policy Shifts & ESG for the Next Decade

Organized by: IBESA

Language: English

Italy is entering a new phase of solar growth. After exceeding 43 GW of installed PV and adding around 7 GW in 2025, the country is accelerating toward its 2030 target of ~80 GW. Utility-scale and C&I segments are now driving the market, supported by corporate PPAs, hybrid PV-plus-storage projects, and Terna's major grid investments. At the same time, developers must navigate permitting constraints, grid saturation, evolving national incentives, and growing ESG expectations.

Program

11:15 *Exclusive Insights from Installers: Italian Solar Market Trends & Opportunities in 2026 and Beyond*

Saif Islam, Senior Consultant, EUPD Research

11:30 *From Slides to the Grid: How the CCI Enables Italy's Smart Grid and Unlocks New Business Opportunities*

Fulvio Ferrari, Founding Partner and Chief Operating Officer, Higeco More

11:45 *PV and BESS Energy Strategy in Italy*

Andrea Cristini, President, ANIE Rinnovabili

12:00 *Energy Policies for a Competitive Decarbonization*

Andrea Andreuzzi, Senior Advisor, Energy and Sustainable Development, Confindustria

12:15 *Utility-Scale PV in Italy: Regulatory Bottlenecks and Grid Constraints*

Matteo Vecchiato, Chief Executive Officer, Permatech Srl, Espe Group

12:30 *ESG Beyond Paper Compliance: Why Technical Resilience Will Define the Next Solar Decade*

Michael Andreas Heilig, Chief Executive Officer, SwissWatt One AG

12:45 Closing

FRIDAY 6

MARCH

11:30 -
13:00

Hydrogen Arena,
pav. B4

HYPE -
Hydrogen
Power Expo
[Click here](#)

The manufacturing of clean technologies

Organized by: MIMIT, H2IT, ANIE, Italia Solare, ANEV

Language: Italian

Europe has chosen to focus on clean technologies to strengthen its industrial competitiveness, through strategic initiatives such as the Net Zero Industry Act and related instruments. Italy, thanks to a solid industrial fabric and consolidated expertise in the production of components and systems, is well positioned to contribute to this transition and is making available a series of tools to support companies that intend to scale up their manufacturing production. The conference aims to give visibility to these tools and to bring attention to the joint work between sector associations to promote the scaling up of production facilities.

FRIDAY 6

MARCH

11:30 -
13:00

Neri 1 Room
South Hall

WEM - Wind
Expo for Med
[Click here](#)

The role of materials for offshore wind power

Organized by: ENEA

Language: Italian

Offshore wind represents a promising solution for achieving decarbonization in Italy, as it ensures greater energy efficiency and reduced environmental and social impacts compared to onshore wind.

To maximize the benefits derived from the installation of offshore wind farms, careful development of innovative and intelligent materials is essential for all components of the wind turbine. The particularly severe environmental conditions also require the development and integration of in situ monitoring methodologies, in order to reduce system maintenance costs and increase reliability.

Program

Greetings and introduction

Simona De Iuliis, ENEA

Antonio Donatelli, ENEA

Challenges and prospects for offshore wind development in Italy

Davide Astasio Garcia, ANEV

Discussion: "Advanced materials and solutions for offshore wind reliability"

Moderation and conclusions:

Simona De Iuliis, ENEA

Speakers:

Federica De Riccardis, ENEA

Daniele Caruso, Nadara

Sabrina Malpede, ACT Blade

Luigi Severini, iLStudio

FRIDAY 6
MARCH

12:00 -
13:30

Energy
Distribution
Arena, pav. A5

DPE -
International
Electricity Expo
[Click here](#)

Fit4Micro – Clean and Efficient MicroCHCP by Micro Turbine Based Hybrid Systems

Organized by: ETA Florence, in collaborazione con Cogen Europe

Language: English

Micro combined heat and power (micro-CHP) systems, also known as cogeneration systems, generate heat and electricity simultaneously. The EU-funded Fit4Micro project plans to develop a hybrid micro-CHP unit. The envisaged technology will be designed for multi-family homes, especially for stand-alone (off-grid) applications. The system is comprising a double shaft micro gas turbine (mGT) and a humidification unit. This unique combination is expected to drive high electrical efficiencies (>40%) and have a very flexible heat-to-power ratio.

Low emissions are achieved by the application of flameless combustion. Use of a mGT as core-unit in Fit4Micro is ideal for domestic usage, as the system has very low noise output and is vibration free. Furthermore, rapid response times and fuel-flexible operation make this the ideal base for a highly efficient hybrid CHP system, resilient to changes in (local) fuel and power markets, empowering the consumers through digital solutions. Furthermore, the Fit4Micro unit is integrated with a compression heat pump, an innovative adsorption and a solar PV system through the DC power system avoiding transmission losses. A smart control system will be developed to enable optimal performance at all times.

Besides technological development work, the Fit4Micro project includes specific activities on socio-economic sustainability, market aspects, the regulatory framework & policies.

FRIDAY 6
MARCH

12:00 -
13:30

Efficiency Arena,
pav. A7

EFFI - Energy
Efficiency Expo
[Click here](#)

Artificial intelligence for energy efficiency

Organized by: FIRE

Language: Italian

There is a lot of talk about artificial intelligence, but what are the concrete application possibilities in the energy sector? The workshop will be an opportunity to illustrate the options available today in the broad and confusing range of solutions that are currently offered on the market. FIRE will also illustrate the results of the survey carried out among stakeholders - technology suppliers and users - as part of a large study on AI applied to the energy sector. The speeches will allow to get an idea of the current situation and future developments of the applications useful for improving the use of energy in companies and public institutions.

An event designed for energy managers, EGEs, utilities, ESCOs and other stakeholders involved in energy management, decarbonisation and sustainability.

Chair

Michela Ancora, FIRE

Program

12:10 *How to integrate AI in companies*

Yasaman Meshenchi, FIRE

12:25 *Tools for selecting the most useful AI models*

Allegra De Filippo, University of Bologna*

12:40 *Digitising energy audits: how to make the most of AI*

Maurizio Ferraris, Maps Group

12:55 *The benefits of AI in building renovation*

Giorgia Ortolani, Deloitte

13:10 *Legal aspects related to the use of AI*

Nicola Sandon, Rödl&Partner

13:30 Closing remarks

The agenda may vary without notice.

FRIDAY 6

MARCH

12:00 -
13:30

Diotallevi 2 Room
South Hall

KSE - Key
Storage
[Click here](#)

Grid, storage and new technologies for a 100% renewable future

Organized by: Coordinamento FREE, Kyoto Club

Language: Italian

The growth of renewables, although slowed down in our country by too many obstacles, will be unstoppable and therefore requires - even urgently - the adaptation of networks, which were born in another technological era, and the development of short and long-term storage systems. Many technologies already exist and we have witnessed a collapse in costs in recent years, but further innovations are emerging. What choices is Europe making and what are the best practices at the continental level.

A Dossier by Coordinamento Free on the topic will be presented.

Session Chair

Francesco Ferrante, Vice President Kyoto Club

Program

Introduction

Giovanni Battista Zorzoli, Past President Coordinamento FREE

Experiences:

SMA Representative

ENGIE Representative

Letizia Magaldi, Magaldi Green Energy

Claudio Spadacini, Energy Dome

Salvatore Pinto, GES

Discussion:

Francesco Del Pizzo, Terna (TBC)

Livio De Santoli, ARERA

Closing

Attilio Piattelli, President Coordinamento FREE

FRIDAY 6

MARCH

12:00 -
13:30

City&Mobility
Arena, pav. A2

Sustainable City
[Click here](#)

Thermal Account 3.0 and energy transition in villages

Organized by: I borghi più belli d'Italia

Language: Italian

The Thermal Account 3.0 confirms itself as a key tool to support the energy transition of small municipalities and historic villages, thanks to public contributions that can reach up to 100% of eligible expenses. The measure allows for the implementation of energy efficiency interventions and production from renewable sources, addressing the complex challenge of integrating technological innovation and protection of architectural heritage. The conference explores the role of the Thermal Account 3.0 as a structural and multi-year measure, illustrating access methods, development prospects, and concrete application cases in Italian villages, with particular attention to solutions compatible with historic centers (heat pumps, low enthalpy geothermal, integrated photovoltaic...).

Program

Introduction and welcome

Fiorello Primi, President of the Most Beautiful Villages in Italy

The commitment of the Most Beautiful Villages in Italy Association to energy

sustainability

Mauro Guerra, Coordinator of the Most Beautiful Villages in Emilia Romagna

Thermal Account 3.0: ongoing works and projects for a multi-year measure.

Opportunities for decarbonization of small Municipalities

Lorenzo Di Leginio, Director of AzzeraCO2

Thermal Account 3.0 in Italian villages: case studies and replicable project models

Tommaso Lippi, Partner and Business Development at Energy4Com

The aesthetic challenge of photovoltaics in villages: architectural integration

Sofia Tiozzo Pezzoli, Futurasun S.r.l., Technical & Special projects Director at FuturaSun

The DL 175/2025 (converted into Law 4/2026) and the regulation of suitable areas for renewable energies in Italy: authorization simplifications and analysis

Anna Castelli, Sani Zangrando Associated Law Firm

Discussion and closing

Mauro Guerra, Coordinator of the Most Beautiful Villages in Emilia-Romagna

FRIDAY 6

MARCH

12:00 -
13:30

Solar&Finance
Arena, pav. B5

Cross-cutting
topics

[Click here](#)

Industrial Demand for Cleantech: Powering the Clean Industrial Deal

Organized by: Cleantech for Italy

Language: English

Europe is entering a decisive phase for industrial competitiveness. The Clean Industrial Deal and the reform of EU economic governance require a step-change in collaboration between innovators developing next-generation technologies, industrial champions whose adoption decisions shape value chains, and public institutions designing market-making instruments.

Today, the primary bottleneck is not the lack of technologies, but the lack of structured, reliable industrial demand and risk-sharing mechanisms that allow these technologies to scale. Italy, thanks to its manufacturing depth, strong utilities, and engineering base, can become a European hub for industrial deployment of strategic cleantech technologies.

This event aims to equip stakeholders with tangible recommendations. Key objectives are:

- Demonstrate how structured industrial demand accelerates deployment across clean fuels, industrial heat, and firm clean power.
- Identify the barriers that innovators and corporates face in contracting, bankability, permitting, and risk allocation.
- Propose partnership models (oftake, joint demonstration, EPC integration, long-duration procurement commitments) aligned with EU policy instruments.
- Provide input to the Clean Industrial Deal and the Italian industrial strategy, positioning Italy as a key actor in shaping supply-demand ecosystems.

This event is designed to translate Europe's Clean Industrial Deal into concrete partnerships between innovators and large industrial actors. Its structure follows the full arc of the challenge: an institutional keynote to frame Italy's role in shaping industrial demand for cleantech, two focused panels that bring together technology frontrunners and major corporates to unpack how supply-demand relationships can be made bankable, and closing remarks distilling cross-cutting recommendations.

Each session examines a different segment of the value chain - clean fuels and industrial heat on one side, firm clean power and long-duration storage on the other - to identify where demand signals, risk-sharing mechanisms, and procurement frameworks can accelerate deployment. The format ensures actionable outputs aligned with EU policy debates and positions Italy's industrial ecosystem as a key enabler of Europe's next wave of clean manufacturing.

FRIDAY 6
MARCH

12:00 -
13:30

Diotallevi 1 Room
South Hall

Cross-cutting
topics
[Click here](#)

The development of Renewable Energy Communities (RECs) in the school environment

Organized by: RSE SpA

Language: Italian

Energy communities are a tool that promotes the involvement of local actors in the ongoing energy transition process. Schools are by nature an ideal habitat for their development: they have an active community (students, teaching staff, parents), they have suitable spaces for the installation of photovoltaic systems, and they have an educational role also on the themes of active citizenship.

In recent years, RSE has mapped some case studies that can be taken as examples for the spread of these initiatives and has developed some dedicated guidelines.

The conference aims to present these results and stimulate debate among institutions for the further development of these initiatives.

Session Chairs

Matteo Zulianello, RSE SpA

Program

Introduction

Debora Cilio, Senior Researcher Energy System Research

Moderator:

Matteo Zulianello, Head of User-Centered Research Group, Energy System Research

Speakers:

Valerio Angelucci, Project Manager Energy System Research

Dino De Tomas, General Manager Consorzio Elettrico di Pozza soc. coop. (CEP)

Georgia Lauzi, Principal of ISS "Evangelista Torricelli" Higher Education Institute

Paolo Marinucci, Teacher at Maiorana Institute, Termoli

Emilio Ghiani, Associate Professor of Electrical Systems for Energy at the University of Cagliari

Roberto Maviglia, Municipality of Milan (TBC)

Andrea Petrina, Head of Energy and Circular Economy Competence Center, Cassa Depositi e Prestiti