Press Conference

ISES ITALIA

Italian Section of the
International Solar Energy Society

Rome, 15 June 2022

COMPOSE+

Round table on the future for the European energy mix and the role of local Authorities

Final event

Prof. Umberto Di Matteo
President

Past, Present & Future

ISES ITALIA

Established in 1978, **ISES ITALIA**, whose headquarters is in Rome, is the oldest Italian no-profit association involved in the development of Renewable Energy Sources.

It's also the Italian Section of the International Solar Energy Society.

Next generation farmer

ENERGY COMMUNITIES

But now we are working on promoting the hydrogen carrier.

Hydrogen produced by the regasification of biomass or from renewable sources (photovoltaic and / or wind energy).

Main goals and activities

- ✓ Promotion of Renewable Energies
- ✓ Diffusion of technical know-how
- ✓ Consulting service to public bodies, Institutions, National Agencies, technical operators, etc.
- ✓ Technical and vocational training
- ✓ Monitoring of technologies trends
- ✓ Research & Development
- ✓ Lobbying

Our Members + Friends

- ✓ Local Authorities
- ✓ Italian Photovoltaic market operators
- ✓ Consultants and Professionals of renewable energy
- ✓ University and research centers

SCALEA AGRO-PV PLANT
2,3 MW

EF SOLARE ITALIA

ISES ITALIA

Ilsoleatrecentosessantagradi

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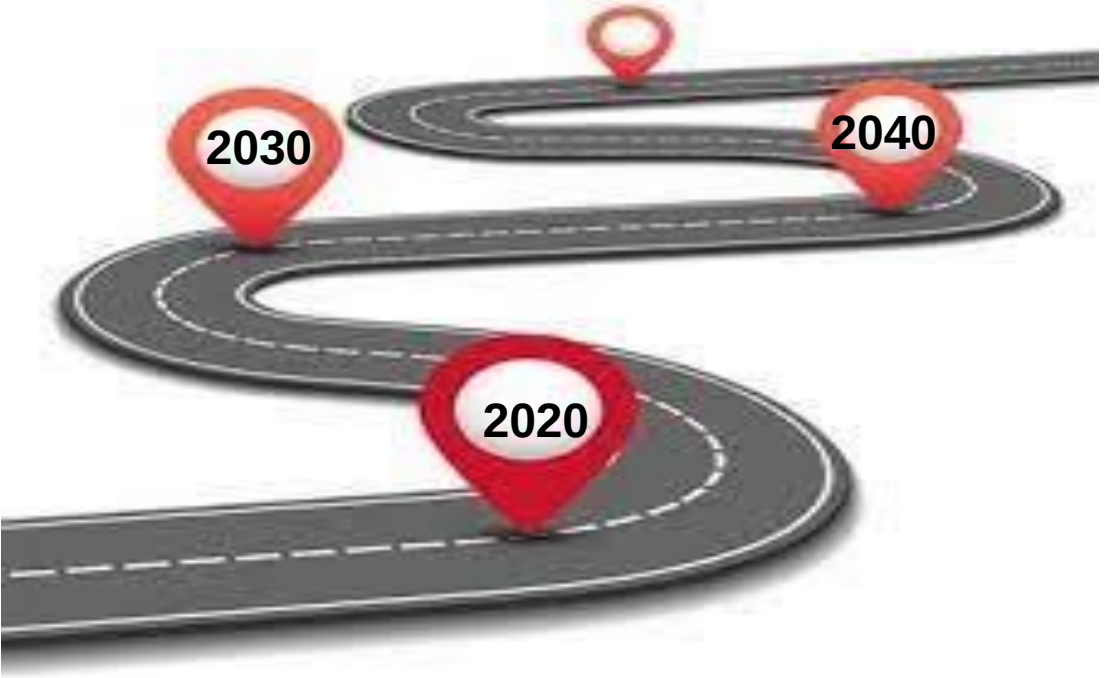
Ilsoleatrecentosessantagradi is the newsletter of ISES ITALIA.

It provides information on renewable energy: photovoltaic, solar thermal, wind energy, biomass, solar architecture, hydrogen vector, etc, as well as news on projects, policies and events in the field of renewable energy in Italy, Europe and all over the world.

EMPOWER THE NEW OPPORTUNITIES OF RES



SUSTAINABLE ENERGY COMMUNITIES

Hydrogen Vector

HOW TO SET UP AN ENERGY COMMUNITY

Who is it for?

Citizens and civil society, public authorities and governments, policymakers, local businesses... Every player with an interest in contributing to the development of energy communities across Italy

Identification of a part of the territory served by a primary electrical substation in which energy consumers and surfaces useful for the installation of RES systems (PV or wind) insist

Matching phase between producers, prosumers and consumers

Design and construction of plants serving the EC

The EC will benefit from economic incentives for a duration of 20 years and will generate environmental and social benefits

External collaborations with Marconi University

BLAZE Project

Biomass - Low cost, Advanced and Zero Emission

BLAZE is a Horizon 2020 project to develop an innovative, highly efficient and fuel-flexible technology for combined heat and power from biomass. The project is going to demonstrate the use of an integrated biomass gasifier and fuel cell CHP plant, as cost-effective way to produce renewable electricity and heat from residual biomass.

http://www.blazeproject.eu/

External collaborations with Marconi University

LIFE 3H

Making Hydrogen Valley a Reality

LIFE3H project aims to set up, demonstrate and exploit 3 Hydrogen Valleys (HV) in central Italy starting with the construction of buses fueled by excess H2 from local industrial production, thus closing the loop locally. The specific objectives are:

- Develop common & sustainable road Local Public Transport mobility;
- Implement integrated local policies & regulatory approaches for widespread deployment of Hydrogen Refuelling Stations and Fuel Cell vehicles.
- Create a standard of smart sustainable mobility management system.

https://www.life3h.eu/en/

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