



ECOMONDO

THE GREEN TECHNOLOGY EXPO

Leading the ecological transition.

UNFCCC COP 27
Sharm El-Sheikh, Egypt
6 – 18 November 2022

Management and Valorization of Waste and Waters and Environmental Regeneration: the role played by Italy in the Mediterranean area

16 November 2022, 11.15 AM – 12.15 AM EET

Auditorium of the Mediterranean Pavilion, Blue Zone

The pandemic but in particular the impacts of climate changes and pollution on the health and productivity of the Mediterranean area are asking for an urgent on-site adoption of the most suitable climate-neutral and circular economy policies, protocols and technologies. Thus, there is the need to intensify and extend in the microregion the circularity in the management of the industrial and municipal biowaste, wastewater and technical waste as well as the use of renewable raw materials and energy sources, by ensuring the local availability of the most suitable necessary technological solutions, aligning local institutions, private and public actors and financing entities as well citizens and consumers. But reducing the impact on the environment is no longer sufficient on its own. It is now necessary to start regenerating it, in order to have the Mediterranean lands and sea and the related ecosystems, once again healthy and resilient, able to guarantee quality products and services, and thus addressed the current and future macroregional needs.

In the frame of the session, technological solutions for a more sustainable and carbon neutral management and valorisation of (bio)waste and waste-waters and land and sea restoration and regeneration of the Mediterranean microregion will be presented and discussed. Innovation and some pilot and full-scale technologies relevant for the microregion will be presented by representatives from Italian institutions and companies. Then, information, sharing, co-planning and the implementation of dedicated public private partnerships, local and international, will be discussed.

President of Session:

Professor Dr. Fabio Fava, University of Bologna

Management and valorisation of Waste and Waters and Environmental Regeneration: the role played by Italy in the Mediterranean area

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Moderator

Dr. Emanuele Bompan (*Renewable Matter – Editor-in-chief*)

PROGRAMME

➤ 11.15 – 11.25 AM

Institutional video introduction and presentation of Ecomondo & Key Energy

Alessandra Astolfi

(*Italian Exhibition Group – Global Exhibition Director*)

➤ 11.25 – 11.35 AM

Sustainable management of water resources and services

Professor Dr. Eng. Francesco Fatone (*Marche Polytechnic University - Full Professor of Chemical and Environmental Engineering*)

➤ 11.35 – 11.45 AM

Waste management: state of the art and innovations in the Italian context

Professor Dr. Fabrizio Passarini (*University of Bologna - Full Professor, Department of Industrial Chemistry*)

➤ 11.45 – 12.00 AM

Environmental restoration and regeneration and bioeconomy

Professor Dr. Fabio Fava (*University of Bologna - Full Professor of Industrial & Environmental Biotechnology*)

➤ 12.00 – 12.10 AM

Case studies from Italian Companies

Andrea Giannotti (*Novamont – International Media Relations*)

Davide Scaglione (*Gruppo CAP – Purification Sector Manager*)

Antonio Batistini (*Maire Tecnimont – VP Group Research & Innovation Development; NextChem - Chief Technology Officer*)

> 12.10 – 12.15 AM

Q&A Session

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