

# ECOMONDO

THE **GREEN TECHNOLOGY** EXPO

Leading the ecological transition.

8-11  
NOVEMBER  
2022

RIMINI EXPO  
CENTRE  
ITALY

Simultaneously with

**KEY ENERGY**  
THE RENEWABLE ENERGY EXPO



[ecomondo.com](https://ecomondo.com)

Organised by

**ITALIAN  
EXHIBITION  
GROUP**  
Providing the future

In collaboration with



**ITCA**   
ITALIAN TRADE AGENCY

# Leading the ecological transition



**Ecomondo** is the key event in Europe and the Mediterranean for technological and industrial innovation in the green and circular economy sector, within the framework of the NGEU. It is an **international show** with an innovative format that brings together on a single platform all the sectors that support **ecological transition**: services and integrated solutions for the valorisation of waste into resources, integrated water cycle, land reclamation and regeneration, renewable energies, energy efficiency, green mobility and infrastructure, circular economy models and the protection of natural resources for sustainable development.

The traditional in-person event is enhanced by the innovative **digital platform**, already tried and tested in the previous edition, which multiplies business and meeting opportunities.

**Ecomondo** will host conferences, **debates** and **discussion forums** on future technological trends, the national strategy for implementing the circular economy and a focus on the status and progress of projects undertaken as part of the National Recovery and Resilience Plan (**PNRR**).

# Facts & Figures

Ecomondo is held at the same time as **Key Energy**, the renewable energy expo.

## ATTENDANCE

**69,600**

of which **7%** from abroad

Sqm **98,000**

Companies **1,402**



## TOP 10 FOREIGN COUNTRIES

|             |  |
|-------------|--|
| Germany     |  |
| Spain       |  |
| Croatia     |  |
| Greece      |  |
| Switzerland |  |
| Slovenia    |  |
| Romania     |  |
| Bulgaria    |  |
| Austria     |  |
| Tunisia     |  |



**500** HOURS OF EVENTS

**32** CONFERENCE ROOMS

**207** PHYSICAL EVENTS  
with digital extension

**80** WEBINARS  
during the whole year on the most important  
themes about the ecological and energy transition

**510** MILLION MEDIA CONTACTS IN TOTAL

**32,000**

**16,300**

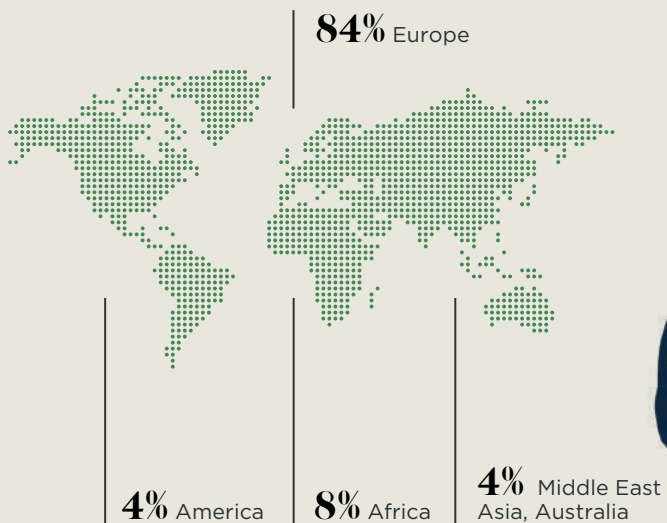
**14,200**

**SOCIAL  
COMMUNITY**

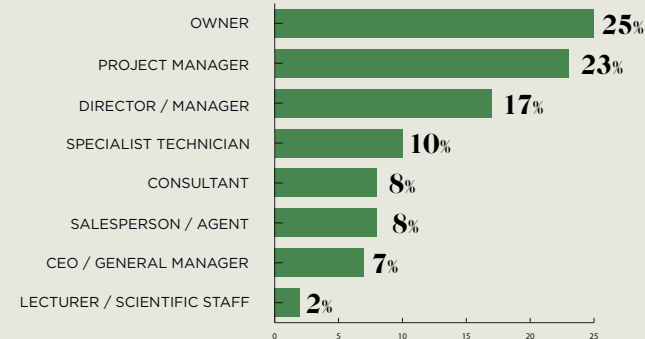
\* Data from 2021 show

# Visitor profile

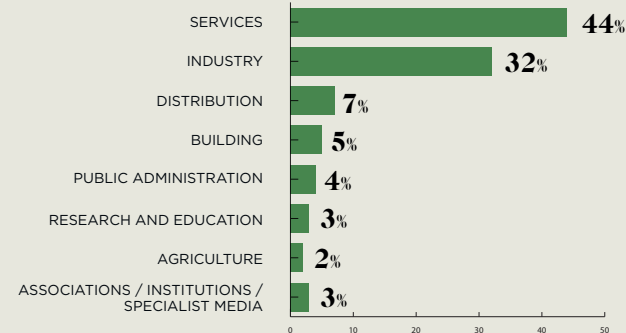
## GEOGRAPHICAL ORIGIN



## PROFESSIONAL PROFILE



## SECTOR OF ACTIVITY



# Sector of activity focus on



## INDUSTRY

MECHANICAL / AUTOMOTIVE  
WASTE PROCESSING PLANT & EQUIPMENT  
METALLURGY / METAL WORKING  
RUBBER AND PLASTICS  
ELECTROTECHNICAL / ELECTRONIC  
CHEMICAL / PHARMACEUTICAL  
OIL & GAS  
WATER TREATMENT AND MANAGEMENT PLANT & EQUIPMENT

AGRI-FOOD  
PACKAGING  
PAPER / CARD  
TRANSPORT (Infrastructure)  
WOOD  
TEXTILES / TANNING  
CERAMICS AND GLASS  
LARGE-SCALE RETAIL / Retail chains

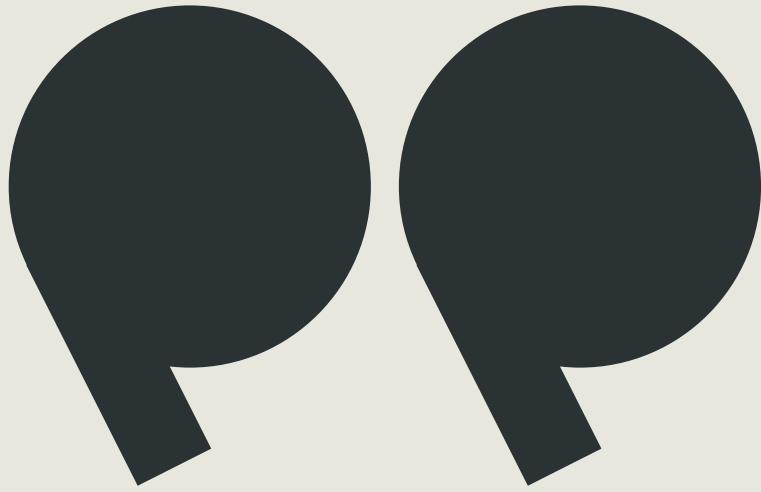
WASTE COLLECTION AND TRANSPORT  
RECOVERY/RECYCLING/VALORISATION OF MATERIALS  
ENVIRONMENTAL ANALYSIS  
LOGISTICS AND WASTE STORAGE  
PUBLIC AND PRIVATE UTILITIES  
MAINTENANCE AND CLEANING  
RECLAMATION AND REDEVELOPMENT OF  
CONTAMINATED SITES  
WASTE TO ENERGY  
ENGINEERING FIRMS  
PLANT OPERATORS  
(DISPOSAL, STORAGE, TREATMENT)

FINANCE / INVESTMENT  
(ACCELERATORS, ANGEL INVESTORS, BROKERAGE, INSURANCE)  
SOFTWARE (DATA, CYBERSECURITY)  
IT / TC (MOBILE APPS, DIGITISATION, IOT)  
CAR SCRAPYARDS / TRANSFORMERS  
OPERATORS OF WATER CATCHMENT FACILITIES,  
DRINKING WATER, ADDUCTION, SEWERAGE, PURIFICATION  
ACCOMMODATION FACILITIES (LARGE RESORTS, HOTELS, ETC.)  
CERTIFICATION BODIES



## SERVICES

# About Us



**80**  
% made  
new sales  
contacts

**65**  
% opened  
new sales  
negotiations

*A show that amazes me more every year;  
a unique experience that helps you  
growth both as a person and  
within the working environment.*

*\* Source: Visitors' data / Exhibitors' Survey*

**7.7/10**

**Average satisfaction score**  
(score over 8/10 for more than 60%)

# Roadmap 2022

**Ecomondo**, an international cultural, scientific and technical point of reference all year round, has become a **community catalyst** for constant interconnection and communication between players in **ecological transition**.

3-5  
MAY

## DIGITAL GREEN WEEK

DIGITAL EVENT  
Main themes of the 2022 edition of Ecomondo and Key Energy

8-10  
JUNE

## GREEN MED SYMPOSIUM

Organised in partnership with RICICLA TV  
Naples, Stazione Marittima

12-14  
JULY

## ECOMONDO MEXICO

The new event in partnership with Deutsche Messe  
Leòn, Messico

7-9  
SEPTEMBER

## CDEPE CHINA

Chengdu International Environmental Protection Expo  
Chengdu  
China

SEPTEMBER  
2022

## DIGITAL PREVIEW

DIGITAL EVENT  
Launch of the 2022 edition of Ecomondo and Key Energy

8-11  
NOVEMBER

## ECOMONDO 2022

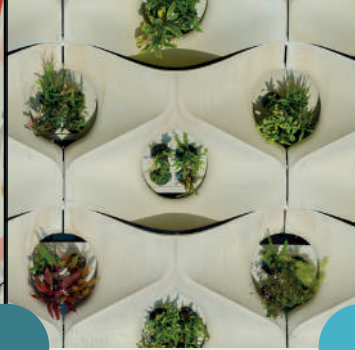
The reference event in Europe for the ecological transition and the new models of circular economy  
Rimini Expo Centre

# The sectors



## WASTE AND RESOURCES

- Waste processing technologies and machinery.
- Systems and containers for all types of waste.
- Equipment and vehicles for waste collection and transport; focus on sanitation.
- Handling and lifting machinery and equipment.
- Recovery, valorisation and integrated management services for various materials.



## CIRCULAR BIOECONOMY

- Bioenergy: biomass, bioliquids, biogas, processes and products.
- Circular bioeconomy, biomaterials, blue economy.
- Aquaculture and fishing.
- Ecodesign of products and processes.
- Repair services.



## WATER MONITORING

- Reuse and recycling of waste water for civil and industrial irrigation.
- Integrated monitoring solutions (water, air, soil).
- Management of water infrastructure.
- Digitisation: Water 4.0, IoT, IA, BigData, Cybersecurity.
- Efficient use of water resources.

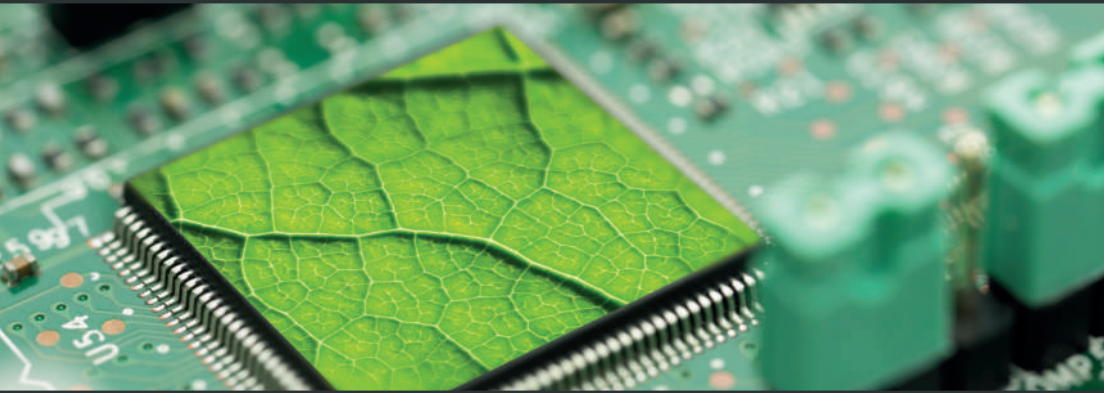


## RECLAMATION AND HYDROGEOLOGICAL RISK

- Decontamination and regeneration of polluted sites.
- Hydrogeological instability and reforestation.
- Sustainable management of ports, sediments and coasts.
- Marine litter, ship building and ship transport.



# Features 2022



## Start-ups and Innovation

The space dedicated to **innovative start-ups and Italian and international scale-ups** that offers products/services relating to green technologies, environmental sustainability in energy and sustainable mobility. The Start-up & Scale-up Innovation 2022 initiative is organised by Italian Exhibition Group SpA, promoted in partnership with ICE and has ART-ER as its main partner.



## Food Waste

**Reducing and preventing food waste** is a priority for institutions, companies and citizens if we are to meet Objective 12 of the 2030 agenda. **Technologies, innovative solutions** and **best practices** to guarantee food quality and reduce waste in the pre- and post-consumption phases will be presented.

# Features 2022

## Textile Hub

**Textile Observatory** created in 2021, the hub that aims to bring together **all the main components of the value chain**, including waste producers, operators, recoverers, institutions, consortia and trade associations, research and development institutes, the best technological innovations in the field. The idea is to focus on sustainable textile production and promote ecosustainable design.

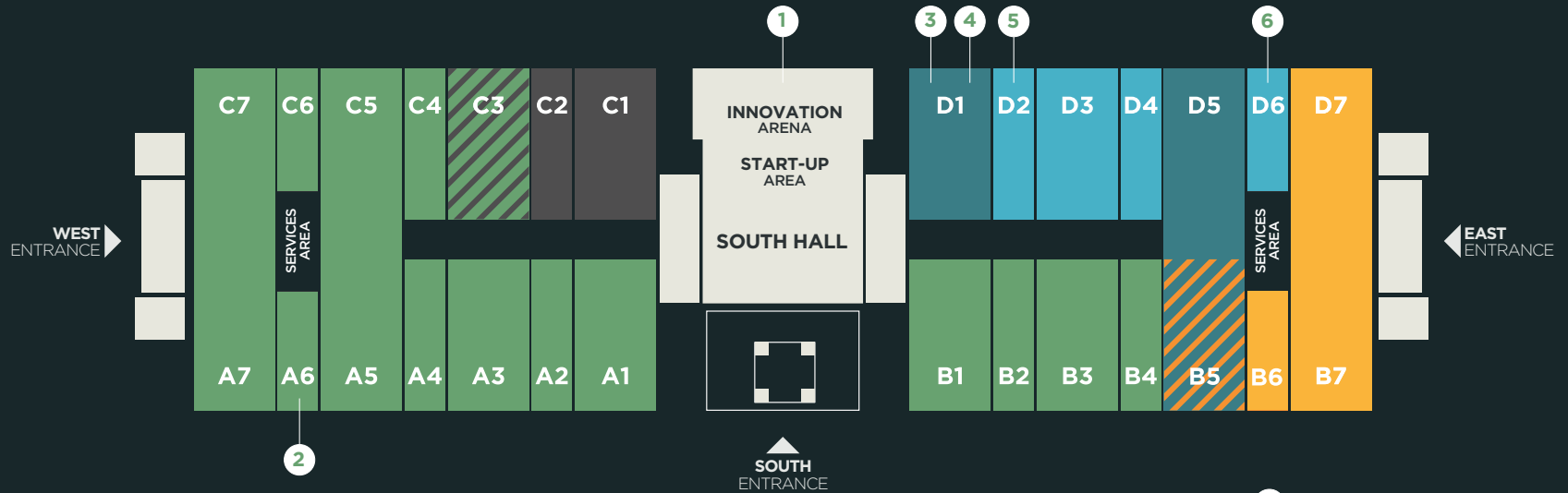


## Environmental protection

From **trenchless technologies** to **coastal regeneration** and enhancement through **eco-dredging**, we will bring to the show concrete examples of Italian-made excellence in environmental protection. The aim is to attract operators interested in providing design services or products or those proposing major works.



# Layout 2022



|                     |                                      |                      |                                   |  |            |
|---------------------|--------------------------------------|----------------------|-----------------------------------|--|------------|
| Waste and resources | Reclamation and hydrogeological risk | Water and monitoring | Circular bioeconomy and bioenergy | International halls, cogeneration, waste to energy | KEY ENERGY |
|---------------------|--------------------------------------|----------------------|-----------------------------------|--|------------|

## ECOMONDO TOPICS

- 1 Innovation Arena / Start-up Area
- 2 Sanitization Village
- 3 Textile District
- 4 Food Waste Hub
- 5 Trenchless Technologies District
- 6 Monitoring

# The Ecomondo events schedule

Every year, Ecomondo offers a full programme of conventions and seminars featuring national and international experts, researchers, companies and institutions. The only event in Europe where all the drivers for ecological transition are presented and discussed, from the latest technological innovations to regulatory updates and financing channels.



**Prof. Fabio Fava**

Chairman of the Ecomondo Scientific Committee



The pandemic has highlighted the need to accelerate the transition of our industry towards climate neutrality and the creation of a single European market that is more resilient and less dependent on major international powers. Hence the need to intensify and extend circularity and the use of renewable raw materials in Europe's main industrial sectors,

bringing the best available technological innovation to the regions, aligning funding, particularly for recovery and resilience, so as to facilitate industrial transition and thus make it more competitive and inclusive. But reducing our impact on the environment is no longer enough on its own. We must now begin to regenerate it, so that we can have land, sea and related ecosystems that are again healthy and resilient, capable of delivering quality products and services in line with current and future needs.

There is a need for information, sharing, co-planning and the creation of dedicated local and international public-private partnerships on all these fronts, today even more than in the past. The Ecomondo2022 conference will seek to provide the best possible response to the needs expressed, making it easier for public-private partnerships, operators and institutions to define and adopt regulatory, innovation, financial, training and internationalisation priorities related to the need for post-pandemic industrial, economic and social regeneration.



# Education, information, outlook



## States General of the Green Economy

The key annual event for Italy's green economy. Promoted by the National Council of the Green Economy, in partnership with the Ministry of Ecological Transition and the Ministry of Economic Development, it provides an analysis and an update on the implementation priorities of the National Recovery and Resilience Plan.



## Higher Education School for Ecological Transition

SAFTE is the Higher Education School for Ecological Transition, promoted by Ecomondo-Italian Exhibition Group and directed by Alma Mater Studiorum - University of Bologna, in collaboration with ReteAmbiente. The course is mainly dedicated to green companies and to figures such as waste managers, sustainability managers and energy managers, to guide strategies towards sustainable development.

# Highlights 2022



|   |   |   |
|---|---|---|
| <p>Status, opportunities/critical issues in adopting the <b>EU Circular Economy Action Plan</b> within the plastics, packaging, textiles, WEEE, food and water, buildings and construction sectors.</p>   |   |   |
| <p><b>European Green Deal</b> and the circular economy: <b>research and innovation</b> projects under way and future funding.</p>   |   | <p>Implementation of the <b>NRRP</b>: status, opportunities/critical issues within the municipal waste, water, agriculture, transport, construction and digitisation sectors.</p> |
| <p><b>Mitigation of the environmental risk</b> and remediation of polluted sites, with reference to the protection of biodiversity and nature-based solutions</p>   |   |   |
| <p><b>Environmental regeneration</b> and <b>adaptation to climate change</b> for the protection of the soil and the hydrosphere (particularly the sea in the Mediterranean), as well as cities, rural areas and the agri-food and forestry sectors.</p> | <p><b>Quality of indoor air</b>, atmospheric pollution and <b>odorous emissions</b>.</p>    | <p><b>From waste to resources</b>: innovative technologies for recycling and recovery.</p>  |
|   | <p>Circular economy and <b>sustainable finance</b>: a global vision.</p>                    | <p><b>Training and communication</b> for ecological transition.</p>   |
|   | <p>Circular Economy innovations in the <b>Balkans</b> and in <b>Sub-Saharan Africa</b>.</p> |   |

# Worldwide

## **ECOMONDO MEXICO**

**ECOMONDO MEXICO** is the new event designed for the Latin American market, in partnership with Deutsche Messe. It will be held in the city of León in Mexico, from 12 to 14 July 2022.

It aims to bring together all the technologies and solutions of segments promoting sustainable development and the care of natural resources such as water, waste treatment and valorisation, renewable energy, energy efficiency, sustainable mobility and efficient lighting.

Ecomondo Mexico also facilitates contact and discussion with Latin American investors and potential national and international business partners. <https://hfmexico.mx/ecomondo>

## **CDEPE**

Chengdu International Environmental Protection Expo, the international B2B2G platform for the Green Technologies industry in south-west China, will be held in Chengdu from 7 to 9 September 2022.

Investing in Chengdu means gaining a foothold in Chinese sales channels, in an area with a strong demand for international knowledge and technologies, avoiding more crowded and competitive marketplaces such as Shanghai, Beijing, Shenzhen and Guangzhou.



# Greencore



## Sustainable Mobility 28

free electric charging sockets for cars and motorbikes



## 20%

of visitors use the railway station within the fairgrounds



## The Ice Bank -50%

energy used for cooling, thanks to an underground plant that produces cold air at night and pumps it out during the day



## Green Areas 1,500

plants



## Every year, we save...

### 23,000,000

litres of water



### 400,000

KWH of energy



### 680

tonnes of CO2



### 30,000

meals, donated since 2015 to the Food for Good project



### 30,000

sqm



### Photovoltaic covering 114,000 sqm



### 7,000,000

kwh/year of energy produced

TOTAL ANNUAL CONSUMPTION OF THE RIMINI PLANT



### 3 BOILERS

latest generation modular condensing boilers  
HEATING CAPACITY EQUIVALENT TO THAT OF 50 APARTMENTS

**Ecomondo** is held in the modern **Rimini Expo Centre**, designed with a focus on sustainability, with extensive green areas and fountains using recycled water. By installing projectors and LED lighting, and a 114,000 sqm photovoltaic system, it has met ambitious energy saving targets: **consumption has been reduced by 66% and carbon dioxide emissions by 680 tonnes a year.**

Particular attention has been given to waste management: **1,800 tonnes** are collected on average in a year, and of this, 1,300 tonnes (73% of the total) are recycled: 161 in plastic, 65 in glass, 140 in carpeting, 290 in paper and cardboard, 25 in cans, 620 in wood.

IEG has **ISO 14001 Environment** and **ISO 45001 Occupational Health and Safety certification.**



# Patronages and collaborations

## Supported by:

ACR + (Association of Cities and Regions for sustainable Resource management), ADEME (Agence de la transition écologique), ALL- Ukrainian Public Organisation of Nature Protection "Zhiva Planeta", Alu (Associação Limpeza Urbana), Amman Chamber of Industry, ASWA (Serbian National Association of Cleanliness), ATEGRUS (Asociación Técnica para la Gestión de Residuos y Medio Ambiente), BASWA (Solid Waste Association), British Water, BSMEPA (Bulgarian Small and Medium Enterprises Promotion Agency), Camara de Comercio Italiana en Peru, Capital Inspectorate Sofia Municipality, CIWM (Chartered Institute for Waste Management), CIRA Advisory s.r.o., CITET (Centre International des Technologies de l'Environnement de Tunis), CTC (Centre Technique de la Chimie), EBA (European Biogas Association), ECOPARK (Pole technologique de Borj Cedria), Estonian Circular Economy Industries Association, ESWET (European Supplier of Waste-to-Energy Technology), EURIC (European Recycling Industries' Confederation), Finnish Scrapdealers Association, Fundación Eurochile, Georgian Waste Management Association, Green Energy Innovative Biomass Cluster, HOSZ (Hungarian Waste Management Federation), ISWA (International Solid Waste Association), ISWA YPG UKRAINE (ISWA Young Professionals Group Ukraine), JHY (Waste management association), KazWaste (Kazakhstan Waste Management Association), NOTIO (Entidad Gestora del Centro Tecnológico de la Arcilla Cocida en Toledo), PACKTEC (Centre Technique de l'Emballage et du Conditionnement), PASEPPE (Greek Association of Environmental Protection Companies), SISWA (Slovenian Solid Waste Association), SMO (Union of Towns and Municipalities of the Czech Republic), Ukrainian Ecological Alliance, UKRVTORMA (Ukrainian Production and Environmental Association).

## In collaboration with:

Commissione Europea, Ministero della Transizione Ecologica, Ministero dello Sviluppo Economico, Agenzia ICE - Italian Trade & Investment Agency, Regione Emilia Romagna, Comune di Rimini, ANCI (Associazione Nazionale Comuni Italiani), ANFIA (Associazione Nazionale Filiera Industriale Automobilistica), ART-ER, CIB (Consorzio Italiano Biogas), CIC (Consorzio Italiano Compostatori), CONAI (Consorzio Nazionale Imballaggi), ENEA, FISE ASSOAMBIENTE, Fondazione per lo Sviluppo Sostenibile, ISPRA (Istituto Superiore per la Protezione e la Ricerca Ambientale), Legambiente, UNICIRCULAR, UNACEA (Unione Nazionale Aziende Construction Equipment & Attachments), UTILITALIA, EBA (European Biogas Association), European Environment Agency, ISWA (International Solid Waste Association), WBA (World Biogas Association), Water Europe.

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Chairman of the Scientific Committee



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