

# Presentation



Ecomondo is the leading Euro-Mediterranean area green and circular economy expo. An international event with an innovative format that brings together all sectors of the circular economy in a single platform: from material and energy recovery to sustainable development.

Italy is among the leading countries in Europe in the green and circular economy, in particular in energy efficiency, waste recycling and resource productivity. For this reason, Ecomondo is a reference point in the international panorama, where all the leading companies of the sector can meet and discover the trends, innovations and new technologies and exchange views with sector professionals.

Ecomondo 2018 will present the national, European and International scene with new legislative priorities, in regard to research and innovation, training on Circular Economy together with the latest processes/plants 4.0, demonstrating the end products given by their implementation at the industrial level on cities and territories. With the collaboration of industrial associations, ministries and other institutions, research bodies, the European Commission, OCSE, etc, Ecomondo 2018 will present the newest updates, necessities, challenges and opportunities regarding the reuse and valorisation of organic and no-organic waste ( including sewage), the alternative raw materials and the industrial eco-design, the reclamation and rehabilitation of contaminated areas (also marine) and the bio-economy.

## ENERGY EFFICIENCY, RENEWABLE ENERGY, SMART CITY

Running at the same time as Ecomondo is **Key Energy** the "Energy Transition Hub", the expo of energy-efficiency solutions and applications and renewable energy. Since 2009, Ecomondo has also offered an ideal model of the Città Sostenibile (Sustainable City), in an exhibition space demonstrating models of urbanisation, technological solutions, projects, and mobility schemes that permit improvements in the population's quality of life and promote sustainable territorial development.

## CIRCULAR ECONOMY'S SCENARIOS

The Circular Economy could help us to pro-actively tackle the crisis caused by a linear economic system, which often appears to be inefficient and expensive, with the aim to separate the economic growth from the exploitation of natural resources.

According to the European Commission, measures such as better planning of materials, products and industrial processes (eco-design) together with prevention and waste recycling could generate by 2030, an outstanding result:

- a cut of 30% on the usage of raw materials,
- a reduction of 50% on the total emissions of gas causing the Greenhouse effect,
- a GDP growth of 5% and the creation of over 1 million new employment positions.

Enabling technologies that are pushing the fourth Industrial revolution could promote the distribution of Circular Economy models and the development of sharing platforms for goods, services and energy efficiency. However, in order to successfully promote the transition from a linear to a circular economic model, we will need ambitious policies, research and innovation and a clear legislative framework, able to give the right signals to investors. Moreover, many businesses still miss the awareness, the knowledge and expertise to be able to implement Circular Economy.