



ECOMONDO

5-8 NOVEMBER 2019 RIMINI EXPO CENTRE - ITALY

organized by

ITALIAN EXHIBITION GROUP
Providing the future

in collaboration with

ITIA
ITALIAN TRADE AGENCY
ICE - Italian Trade Commission
Trade Promotion Office of the Italian Embassy

simultaneously

KEY ENERGY
THE RENEWABLE ENERGY EXPO

ecomondo.com



Ecomondo is the benchmark event in Europe for technological and industrial INNOVATION within **the new paradigm of the circular economy**.

We help companies become global leaders in innovation, favouring the development of an innovative and sustainable entrepreneurial ecosystem. We oversee the whole of the circular economy value chain, including ecodesign, efficiency in recovery, the valorisation of commodities and energy, transport, reclamation and redevelopment of contaminated areas, promoting international networking and company growth on markets worldwide.

INNOVATION INTERNATIONAL BUSINESS AND SCIENTIFIC CONTENT

Ecomondo 2019 will give ample space to both the **new regulatory priorities** in the field of research and innovation and training in the professional environment; in partnership with industrial associations, ministries, research institutes, **the European Commission, the OECD, European technological platforms and international initiatives**.





“ In every value chain, there is increasing integration between all innovation players from academia, industry, institutions and civil society. It is an increasingly integrated and dynamic world. ”

Prof. Fabio Fava
President of
Ecomondo's Scientific
Technical Committee

.Ecomondo in figures

10%

international
visitors from
66 Countries

+4%

compared to
2017 edition

+1,100

companies,
15% foreign
exhibitors from
30 Countries

80930
attendees

+150

congresses /
conventions
with more than
1,000 speakers

+747

millions
media contacts

98000
Sqm

.Who visits



Visitor profile.

Services	46%
Industry and distribution	34%
Public sector	5%
Construction	5%
Research and training	4%
Association/Institution/Specialist Media	4%
Agriculture	2%

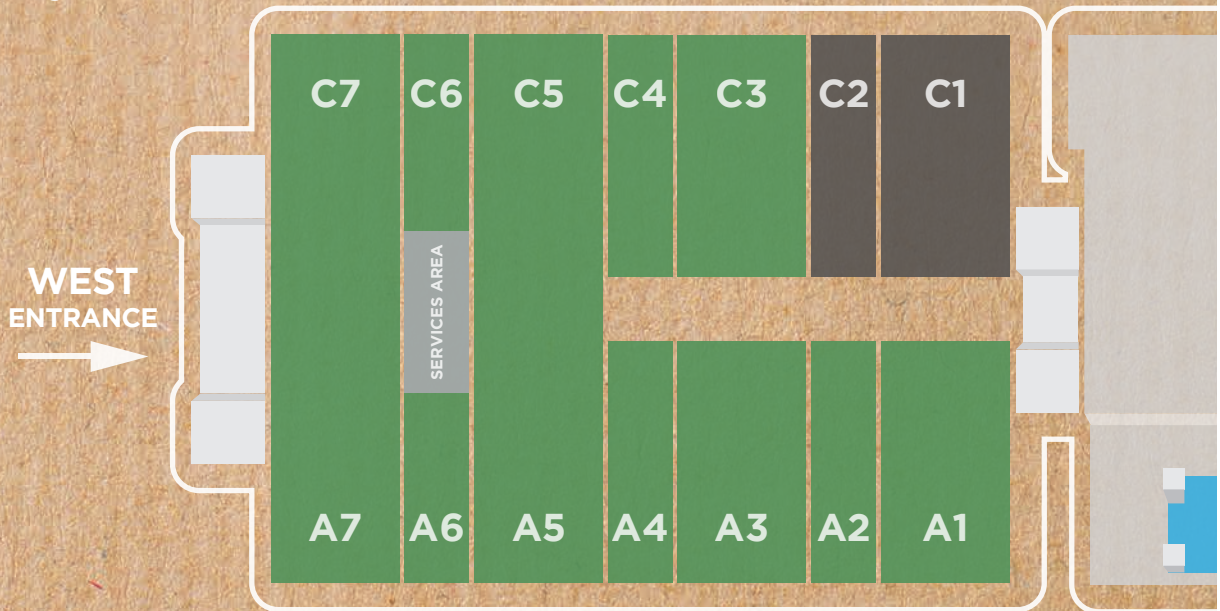


Country of origin.

Europe, UE	62%
Europe, non- UE	15%
Africa	7%
Asia	6%
Central and South America	5%
Middle East	3%
North America	2%

.Platform for the Green & Circular Economy

Ecomondo will display the latest technologies developed in the main sectors of the circular economy:

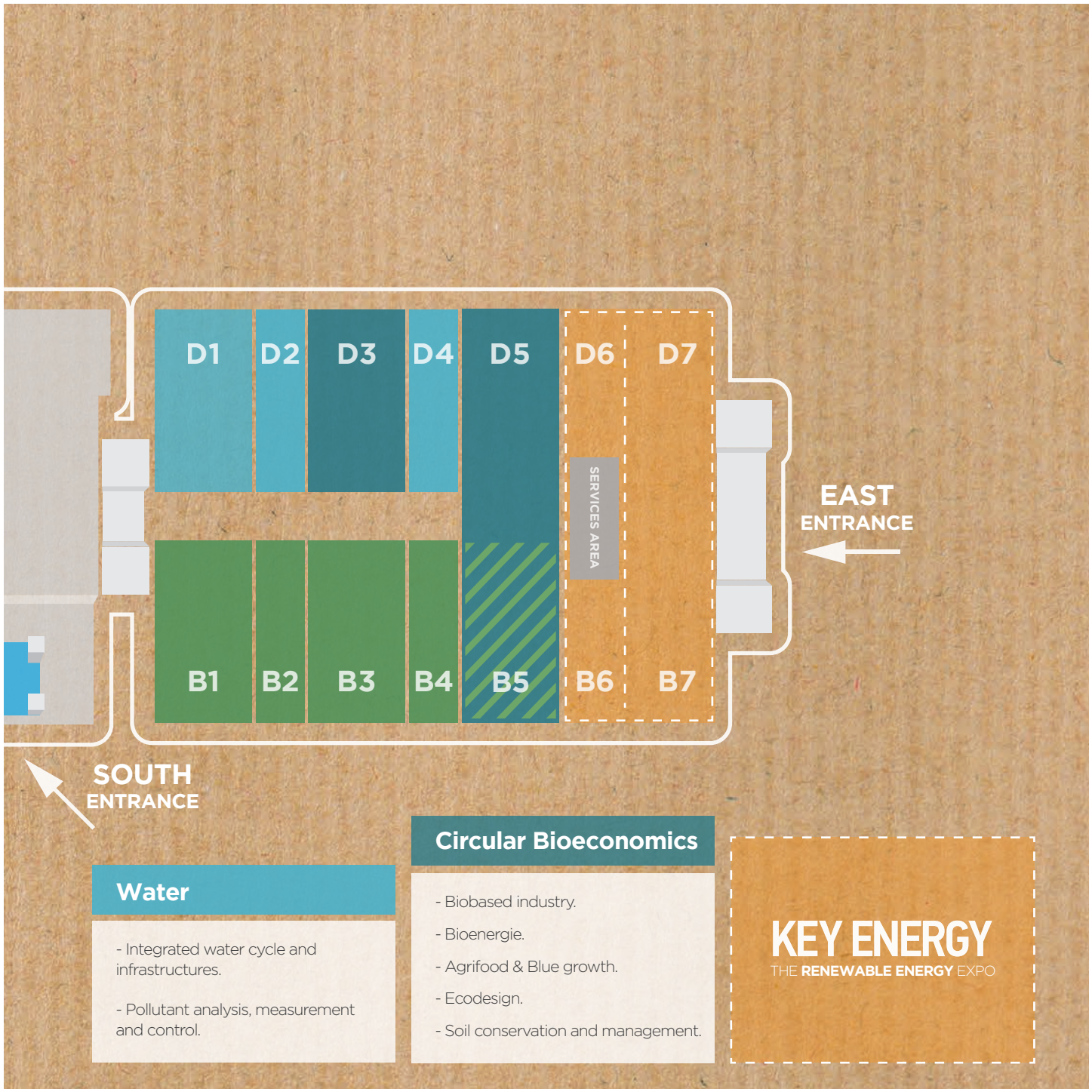


Waste and resources

- Valorisation and services for integrated waste management.
- Technology and machinery for waste processing.
- Equipment and vehicles for the collection and transportation of waste.
- Systems and containers for waste.
- Sal.Ve: Ecology-related vehicle show
- Machinery and equipment for moving and lifting.
- Repair and refurbishment services.

Decontamination and hydrogeological risk

- Redevelopment and decontamination of contaminated sites.
- Prevention and management of significant environmental risks.



**SOUTH
ENTRANCE**

**EAST
ENTRANCE**

Water

- Integrated water cycle and infrastructures.
- Pollutant analysis, measurement and control.

Circular Bioeconomics

- Biobased industry.
- Bioenergie.
- Agrifood & Blue growth.
- Ecodesign.
- Soil conservation and management.

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.Highlights 2019

The path of the Circular Bioeconomy.

The path aims to trace out the entire Italian circular bioeconomy chain, showcasing Italian and European excellence.

Ecodesign: raw materials.

The path to the transition to the Circular Economy is based on the efficient consumption of resources and the sustainable supply of raw materials. The aim is to close cycles along the entire product value chain, from the design of products and production processes; at Ecomondo, innovative technologies and new business models.

Bioenergy - from Biomass to Biogas and Biomethane.

At Ecomondo, the systems and technologies capable of integrating the new production of renewable gas into the network and the market are on display. New technologies, solutions, regulatory insights on the development of the biogas/biomethane sector; especially for the agricultural sector through the conversion of biomass into finished industrial products, raw materials, energy or fuels.

Partner: CIB, CIC, WBA, ISWA, EBA, ECN

Start Up and innovation

An innovative area dedicated to Italian and international start-up companies, with the support and collaboration of:

- ASTER - Emilia Romagna Region, with the support of Knowledge Innovation community of EIT (Climate, Raw Materials a Innoenergy)
- Alma Mater Studiorum, University of Bologna
- Giuseppina Mai Foundation, Confindustria (Italian Manufacturers' Association)

Plastic.

The use of plastic has enormous costs for environmental sustainability, and everyone is seeking to address this issue. In 2019, we will explore the theme of the EU Plastics Strategy; we will present the best practices and ideas; we will work together with companies to drive innovation and employment, in accordance with sustainable development goals.

Global Water Expo.

This is the section dedicated to all stages of the integrated water cycle supply chain, from collection to its return to the environment or industrial re-use.

Global Water Expo promotes networking between national and international utilities and technology manufacturers.

Strategic Partner: Utilitalia, IWA

Ecomondo App.

Downloading the Ecomondo APP, you will discover the leading companies of the circular economy, in all industrial sectors and at the different stages of the process.

A journey that will accompany you through the pavilions where you will listen to the most innovative Italian and European circular tales.

In 2019 Sal.Ve returns: the entire range of industrial and special vehicles for the collection of solid and liquid waste is on display, with the latest technological innovations.

At Ecomondo the top players in the production of compactors, sweepers and equipment for hydrodynamic suction and cleaning, together with the manufacturers of frames and components in the same sector.

Sal.Ve:
Two-yearly
ecology-related
vehicle show



.Focus 2019

INFORMATION TRAINING, FUTURE.

Ecomondo is the only platform in Europe to offer a wide program of conferences, workshops and seminars aimed at presenting evidence and new trends, both national and international, related to the circular economy applied to the different supply chains: construction, packaging, electronics, automotive.

A community of international scientists, researchers, economists, industrialists, who illustrate the guidelines and scenarios of the future.





- Circular economy
- Industry 4.0
- Treatment and valorisation of solid and special waste
- Composting, anaerobic digestion and innovation in the biorefining of industrial and municipal waste
- Innovative technologies and materials
- Plastic and Bioplastics
- Bio-economy
- Management and valorisation of primary and drinkable water resources
- Reclamation and sustainable requalification of contaminated areas
- The quality of indoor air
- Communication and Corporate Social Responsibility
- New priorities and opportunities for Circular, Smart and Healthy Cities

.Ecomondo worldwide

There are a considerable number of national and international events organised to promote Italian excellences, in the markets of greatest interest to Italian companies: Balkans, Brazil, Bulgaria, China, Germany, Great Britain, Greece, Macedonia, Morocco, Egypt, Oman, The Netherlands, Romania, Slovenia, United States, Turkey, Russia.



Thanks to the contribution of the Italian Trade Agency, the support of the Ministry of the Environment and the Region Emilia Romagna, Ecomondo will give you the chance to get in contact with major stakeholders, associations and enterprises all over the globe.

Export-oriented exhibitors, experts in the sector and associations accompany us on the road map with commercial promotional testimonials.



.The general States of the Green Economy

5-6 november 2019

General States of the Green Economy, the annual reference event for the Italian green economy, are held every year at Ecomondo.

Promoted by the **Italian National Council for the Green Economy**, supported by the **Sustainable Development Foundation**, in collaboration with the Ministry of the Environment and the Ministry of Economic Development, they offer analysis and information on the most important economic and legislative areas.

.Ecomondo Brasil

The 3rd edition of **Ecomondo Brasil** will be held from 21 to 23 May 2019 in Sao Paulo, an excellent business platform in the sector of environmental technologies for Latin America.

The aim of the expo is presenting the most innovative solutions in the sectors of Water, Waste and Renewable Energy on a global scale. The event favours the networking between green economy investors in Brazil and potential foreign partners.



.CDEPE China

CDEPE - Chengdu Environmental Protection Expo is the International B2B2G platform for Green Technologies Industry in Southwest of China.

The 2019 edition is held from 21 to 23 March, with 400 exhibiting and represented companies in a gross exhibition area of approximately 30,000 square metres. Waste management, water management, clean air, environmental efficiency and remediation will be the main issues that CDEPE 2019 will cover from a global point of view, with the involvement of the major Chinese and Italian institutions.



.Key Energy

STORAGE AND
SOLUTIONS FOR
DISTRIBUTED
POWER GENERATION

COGENERATION,
TRIGENERATION,
MICRO-COGENERATION

RENEWABLE
ENERGY

SUSTAINABLE CITIES:
SMART CITIES AND
SUSTAINABLE MOBILITY

ENERGY EFFICIENCY
APPLIED TO INDUSTRY
AND BUILDING

Ecomondo runs simultaneously with **Key Energy**, the international renewable energy fair.

KEY ENERGY

THE RENEWABLE ENERGY EXPO

From renewable sources, to storage, the efficient use of energy, right down to digital technologies and future mobility:

KEY ENERGY serves as a comprehensive showcase of technologies and services for the decarbonisation of the economy, now essential in light of the energy transition process launched with the Paris Agreement and made binding by European objectives.



.Green core

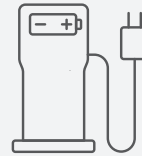
Ecomondo is organised by **Italian Exhibition Group**, the trade fair and congress top player.

Ecomondo takes place in the modern Rimini Exhibition Centre, built for low environmental impact, with extensive green areas, photovoltaic plants, predominantly natural lighting and LED floodlights and fountains featuring water recycling.

The entire exhibition centre, certified **UNI EN ISO 14001:2004**, is managed with respect for the environment and sustainability, with special attention to waste management: 1,800 tonnes of waste were collected in 2017. 1,300 tonnes out of them were subdivided as follows:

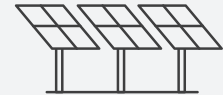
- 161** of plastic
- 65** of glass
- 140** of carpet
- 290** of paper
- 25** of cans
- 620** of wood

28



Car/motorbike recharging stations.

114.000



sqm of photovoltaic plant producing 7.000.000 kwh.

850



new led floodlights = annual energy saving = 360.000 kwh = reduction of more than 120 tonnes of co2 emissions per year



.In collaboration with:

European Commission, Ministry for the Environment and Protection of Land and Sea, Ministry of Economic Development, ICE Italian Trade Agency, CONAI (National Packing Consortium), **ENEA** (National Agency for New Technologies, Energy and Sustainable Economic Development), **CIB** (Italian Biogas Consortium), **CIC** (Italian Composting Consortium), **UTILITALIA** (Utilities Federation), **FISE** (Service Company Federation), **UNICIRCULAR** (Circular Economy Business Union), **FISE ASSOAMBIENTE** (Environmental Service Company Association), **Legambiente** (League for the Environment), **ANEV** (Italian Wind Energy Association), **Foundation for Sustainable Development, ANCI** (National Association of Italian Municipalities), **ISWA** (International Solid Waste Association), **EBA** (European Biogas Association), **WBA** (World Biogas Association), **WTSP** (Water Supply and Sanitation Technology Platform), **FEAD** (European Federation for Waste Management and Environmental Services), **EFB** (European Federation of Biotechnology), **Emilia-Romagna Region, Municipality of Rimini.**

.Supported by:

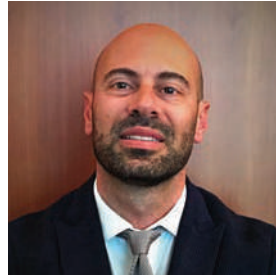
Assobioplastiche (Italian Bioplastics and Biodegradable and Compostable Materials Association), **ASCOMAC** (National Machinery Commerce Federation), **Assocarta** (National Paper, Cardboard and Paper Paste Industry Association), **ASSORIMAP** (National Association of Plastic Material Recyclers and Remanufacturers), **Assovetro** (National Glass Industries Association), **ASSTRA** (Transport Association), **AIAT** (Environmental and Local Interest Association of Engineers), **Alliance of Italian Cooperatives, ANCO** (National Association of Consortium Contractors), **ANFIA** (Italian Automotive Industry Supply Chain Association), **Assofermet, Banca Intesa Sanpaolo, Italian WEEE Coordination Centre, Green Chemical Industry National Technology Cluster, Agrifood National Technology Cluster, Made in Italy National Technology Cluster, Blue Growth National Technology Cluster, CNR** (National Research Council), **Confindustria** (General Confederation of Italian Industry), **COBAT** (Italian Collecting and Recycling Consortium), **Coldiretti** (National Confederation of Small Independent Farmers), **Comieco** (National Cellulose-Based Packaging Recovery and Recycling Consortium), **CNA** (Italian Federation of Craftsmen and SMEs), **Confagricoltura** (General Confederation of Italian Agriculture), **Confapi** (Italian SME Federation), **Concommercio** (General Confederation of Enterprises, Professions & Self-Employment), **CONIP** (National Plastic Packaging Consortium), **CONOE** (National Used Vegetable and Animal Fat Collection and Treatment Consortium), **National Steel Consortium, CONOU** (National Used Mineral Oil Management, Collection and Treatment Consortium), **National Council of Industrial Technicians, CORE-PLA** (National Plastic Packaging Collection, Recycling and Recovery Consortium), **COREVE** (Glass Recovery Consortium), **Federalimentare** (Italian Federation of Food Industries), **Federchimica** (Italian Federation of Chemical Industries), **Federmacchine** (Italian Machinery Federation), **ISPRA** (Institute for Environmental Protection and Research), **ISS** (National Health Institute), **Italcogen** (Association of Cogeneration System Manufacturers and Distributors), **Kyoto Club, Polieco** (National Polyethylene-based Goods Waste Recycling Consortium), **RICREA** (National Steel Packaging Recycling and Recovery Consortium), **Rilegno** (National Wood Packaging Collection, Recovery and Recycling Consortium), **S.C.I.** (Italian Chemical Society), **UNACEA** (National Association of Construction Equipment & Attachment Companies), **UP - Italian Petrol Union, Università Politecnica delle Marche, Sapienza University of Rome, University of San Marino, Alma Mater Studiorum - University of Bologna, University of Crete, University of Brescia, University of Bari, University of Viterbo, Art-ER, The Italian Regulatory Authority for Energy, Networks and the Environment (ARERA), The Italian Geotechnical Association, Italian Register of Environmental Operators, ARPAE** (Regional Environmental Protection and Energy Agency).

ANGED (Agence National des Déchets), **ANPE** (Agence Nationale de Protection de l'Environnement Tunisie), **CITET** (Centre International des Technologies de l'Environnement de Tunis), **APAL** (Agence de Protection et d'Aménagement du Littoral), **PACKTEC** (Centre Technique de l'Emballage et de Conditionnement), **CIWM** (Chartered Institution of Waste Management) **JHI** (Jätehuoltoyhdistys ry - Waste Management Association), **DAKOFA** (Danish Waste Management Association), **UNEF** (Union Española Fotovoltaica), **ANGERE** (Asociación Nacional de Gestores de Residuos de Automoción), **AEBIG** (Asociación Española de Biogas), **GENSED** (Turkish Solar Energy Industry Association), **TUDAM** (Evaluable Waste Materials Industry Association), **GEKSANDER** (Recycling Industry Association), **PAGDER** (Plastik Sanayicileri Derneği - Associazione degli Industriali delle Plastiche), **ASWA** (Associazione Nazionale Serba per la Gestione dei Rifiuti), **SISWA** (Slovenian Solid Waste Association), **BASWA** (Bosnia Solid Waste Association), **MASWA** (Macedonian Solid Waste Association), **HOSZ** (Hungarian Waste Management Federation), **SOVAK** (Sdružení oboru vodovodů a kanalizací ČR, z.s. - Associazione di acquedotti e canalizzazione della RC), **EESTI** (Estonian Waste Management Association), **AFSEA** (African Sustainable Energy Association), **IBA** (Indian Biogas Association), **BWA** (Bulgarian Water Association), **BAAME** (Bulgarian Association of Municipal Environmental Experts), **AEPA** (Asociación Profesional de Empresas Medioambientales), **CEMA** (Camara Empresarial de Medioambiente), **ILZB** (Instituto Lixo Zero de Brasil).

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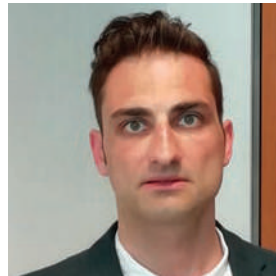
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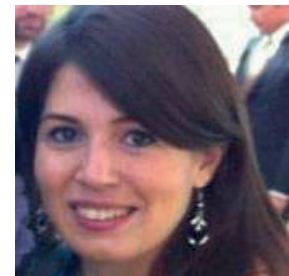
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