

# TECHITALY 2016

## CIRCULAR ECONOMY



## ITALIAN PARTICIPANTS' PROFILES

in close cooperation with



sponsor





# DAY II - Workshop and B2B Meetings

## **Alisea Recycled&Reused Objects Design**

### **Description:**



ALISEA provides its customers with raw materials (from recovery and recycling) or uses materials provided directly by the customer (in most cases, wastes of the industrial process). ALISEA produces "communicating objects": objects of design.

### **Business proposal:**

Alisea wants to be the driving force of supply chains that creates a contact between those who have materials but do not know how to use them with those who have the ideas, to contribute to the development of a world where nothing goes to waste. They would like to find a collaboration with distributors for the Benelux.

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## **Amiu Genova Spa**



**Description:** Founded in 1986, joint stock company since 2002, AMIU Genova is a fully public company and the main provider in Liguria (Italy) for environment, waste management and circular economy.

**Business proposal:** AMIU is interested in developing circular economy approaches and projects in the urban context. Other areas of interest are: big data related to waste management, smart waste collection systems, innovative communication and participation approaches and practices related to involvement of stakeholders. AMIU is interested in developing circular economy approaches and projects in the urban context.

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## **APRE**



**Description:** Agency for the Promotion of European Research is a non-profit research organization. For over twenty-five years, APRE, in close collaboration with the Ministry of Education, University and Research (MIUR), has provided its members as well as businesses, government agencies, and private individuals, information, support and assistance for participation in national and European programmes and collaborative initiatives (today, with

particular reference to Horizon 2020) in the field of Research, Technological Development and Innovation (RTDI) and in the transfer of research results.

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## **ASTRA Engineering Srl**



**Description:**

Astra Engineering limited is an engineering company.

Thanks to its combination of different professional skills, supported by technical, economic and financial knowhow, Astra Engineering is able to deal with a range of highly complex and interdisciplinary engineering problems. The firm has extensive experience particularly in the fields of environmental engineering (waste recovery and treatment, treatment facilities for refuse and waste water, analysis and reclamation of contaminated sites, environmental regeneration, mining sites and Environmental Impact Studies).

**Business proposal:**

The research by Astra Engineering develops a new technology able to get bitumen conglomerate realized starting from slags coming from waste material of cast iron foundry. The goal of the idea is the preservation of the raw material in the production cycle of the product, through the recycling, the reduction of dependence on raw materials and the reduction of waste.

Astra would like to work with foundries, public authorities and the waste sector.

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*Contact: Eng. Alberto De Pascalis*

## **Cromology Italia Spa**



### **Description:**

Cromology is a world player in the decorative paint sector. We design, produce, distribute and sell our innovative products in more than 50 countries around the world, with a turnover of around €800 million.

### **Business proposal:**

Joint creation of an enterprise or consortium, EU Funding Opportunities. Cromology is open to innovative proposals for augmented reality, logistics and production innovations in the following fields:

- Use of scrap material as a raw material for PAINTS
- Search of additives that confer new properties to paints (PAINTS SMART)
- Search of environmentally friendly raw materials
- IR reflective pigments
- Additives hydrophobic strong
- Energy Efficiency improvement
- Nanotechnologies
- Using virtual reality to see the effect of our decorative on the walls before applying
- Human oriented virtual factory, Virtual Training.

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## **D'Appolonia Belgium NV**



### **Description:**

With a history going back 150 years, RINA is a global Corporation serving Clients worldwide; our mission is to support the growth of Client businesses offering consulting & engineering, testing, inspection and certification. Consulting & Engineering services within RINA are provided by D'Appolonia S.p.A.

This brand, originally established in 1956, joined RINA in 2011. D'Appolonia is a team of engineers, consultants, designers, planners and specialists supporting public and private clients from concept to decommissioning, through consultancy, design, management, operation and maintenance. The company operates in the markets of Energy, Transport and Infrastructures, Industry and Investor Support. We provide a wide range of services such as feasibility and specialized studies, design, Project Management, site engineering and operation & maintenance management. In addition, we offer technical capabilities to cover all aspects related to the environment, health and safety, geosciences and innovation for specific applications. With a staff of about 1500 engineers, scientists and associated professionals located in 20 offices worldwide, D'Appolonia offers high-end services to investors, promoters, operators and contractors, as well as to insurers and public administrations, to support their initiatives. All D'Appolonia services are performed at the highest professional level, understanding and complying with client's needs and requirements while taking into due consideration sustainability and health, safety and environmental goals.

### **Business proposal:**

Engineering and consultancy company covering the following industrial sectors: Oil and Gas, Transport and Infrastructure, Power Generation and Industrial Innovation, with a clear focus on sustainability aspects. In Belgium the company offers services related to improve the sustainability performance of their clients, blending together engineering and design skills with access to finance and funding.

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## **Distretto della Pesca e Crescita Blu**



### **Description:**

Fisheries and Blue Growth Productive District – CO.S.VA.P. is a non-governmental-organisation representing Sicily's fisheries production and supply chain. As the greatest Fisheries District of the Mediterranean and as the most important Italian Fisheries District, it gathers together almost 150 enterprises working within the whole sicilian fisheries industry: shipbuilding industry, fish catching and fishing products processing, preserving and distributing industry, cold chain industry, acquaculture industry, fishing facilities industry, salt industry, research and innovation institutes.

### **Business proposal:**

Fisheries and Blue Growth Productive District main goal is the promoting of blue growth strategies. The District would like to find partners for the recovery of production waste in the sea.

*Distretto della Pesca e Crescita Blu*

*Via Gian Giacomo Adria, 59*

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*Contacts: Giovanni Tumbiolo, Francesco Mezzapelle*

## **Distretto Ligure Delle Tecnologie Marine**



### **Description:**

DLTM acts as a territorial entity of sectorial governance for research, innovation and training processes, for the development of an integrated local and global planning, and the integration between research, innovation and training process, with the aim of achieving measurable impact in terms of growth of the territories intangible heritage.

### **Business proposal:**

The company is interested in all fields concerning Blue Growth (i.e. the long term strategy to support sustainable growth in the marine and maritime sectors as a whole) especially those sectors that have a high potential for sustainable jobs and growth, such as: Shipbuilding and leisure boatbuilding, Naval and Maritime Defence and Security, Environmental Technologies for coastal and marine areas (pollution avoidance, monitoring and assessment, control and remediation).

Furthermore, DLTM is continuously supporting in and offering the projects' partners a wide range of services, from administrative to technical services including design and management of business processes, computing services, fluid dynamics modelling and environmental issues.

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*www.dltm.it*

*Contact: Mascha Stroobant*

## **Dott.Ing. Giovanni Barca**

### **Description:**

Senior Advisor in environmental issues with particular reference to waste sector, Director General of ARPAT Toscana.

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## **ENCO Srl**

### **Description:**



Consulting on EU-Funded programme Horizon 2020; participation in consortiums as coordinator or wp leader; communication; ipr; market research. Offices in Naples, Brussels and Rio de Janeiro.

### **Business proposal:**

They would like to meet companies interested in EU Funded programme Horizon 2020.

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## **ENEA**



### **Description:**

ENEA is Italian National Agency for New Technologies, Energy and Sustainable Economic Development. is the second major Italian research organization, with around 2600 staff employees distributed in its research centers and regional offices all over the national territory. The Agency's activities are mainly focused on Energy Efficiency, Renewable Energy Sources,

Nuclear Energy, Climate and the Environment, Safety and Health, New Technologies, Electric System Research.

### **Business proposal:**

They would like to meet Belgium and Italian companies who are working on the energy efficiency.

*ENEA  
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1000 Bruxelles  
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roberta.boniotti@enea.it  
Contact: Roberta Boniotti, Marcello Salvio*

## **Ingelia Italia Srl**



### **Description:**

Ingelia Italia is a sister company of Ingelia SI, a Spanish SME, worldwide leader on industrial development of an innovative and sustainable technology which allows to transform all types of organic waste streams into a lignite like bioproduct. Ingelia during a 10 years period of R&D has developed a disruptive industrial technology for the organic waste recycling producing bioproducts and contributing to the EC Objectives in Bioeconomy.

### **Business proposal:**

Our aim is selling Ingelia plants for recycling organic waste streams and get back the products obtained, biocoal and nutrients, to be processed, refined and upgraded for production of new bioproducts like biopolymers, composite biomaterials, electrodes, carbon active filters, fertilizers, biostimulants, solid liquid or gaseous biofuels.

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*20123 Milano*  
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## **Novareckon Srl**



### **Description:**

Established in 2011 as a spinoff company from academic researchers working in several Universities and research centres in Italy and abroad, we use models and technologies that imply research and innovation as factors governing the change.

We have integrated these solutions with a system of knowledge infrastructures and an international network of consultants. We serve public entities, enterprises and citizens in their needs of design, funding and implementation of ideas and projects.

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*Via Bovio 6*  
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*Contact: Mattia Trino*

## **Officina d'Architettura Srl**

### **Description:**



Oda is a young company with a high knowledge and work experience in architecture and civil engineering that support businesses and people in the planning and realization of their projects.

Oda supports its customers at all stages of the design and implementation of projects, from the development of ideas to financial evaluations, up to the realization, the creation of a marketing line and up to its proper starting. Oda is a young company with a high knowledge and work experience in architecture and civil engineering that support businesses and people in the planning and realization of their projects.

### **Business proposal:**

Looking for partners in Transport Engineering and Urban Development with large experience, at national and international level, in developing sustainable and innovative mobility solutions.

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*www.oda.it*

## **Politecnico di Milano**

### **Description:**



**POLITECNICO  
MILANO 1863**

To analyze the circularity of resource flows in an economic-productive system based on Additive Manufacturing technology, it has been necessary to consider the entire product life cycle. Using this kind of analysis it's possible to consider with an overview all types of circularity triggered along the different stages of the life cycle in order to assess the

benefits, both in terms of environmental sustainability, and in terms of cost.

Carry on this kind of evaluation involves a detailed study of the different phases, from product creation (Beginning of Life), until the final stage of the life cycle itself (End of Life). It is a type of analysis "from cradle to cradle" of the product and, by a thorough study of the input and output resources in the different phases, they have been examined different types of circularity.

Adaption of LCA framework for 3D Printed products

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# Regione Puglia

## **Description:**

Institutional function of Regione Puglia (Brussels Office):

- supporting Regional Government, Parliament, Agencies in dealing with the EU Institutions;
- supporting the activities of the Apulia members of the Committee of the Regions;
- monitoring of the decision-making process of the European Union and coordinating the participation Puglia Region (l. 234/2012 e l.r. Puglia 24/2011);
- supporting Regional department on infringement procedures and state aid dossiers;
- relations with the Italian Permanent Representation to the EU and with the Italian Embassy in Belgium, as well as with other public and private stakeholders active in Brussels;
- managing relations with other Regional representation in Brussels;
- participation in the activities of Regional Thematic Networks.

Analysis of EU Policies and funding opportunities:

- analysis of the different areas of EU activity and comparison with the regional strategies;
- Analysis of European Funding Programs, Work Programmes and Calls for proposal;
- identification of project opportunities for the regional offices and other stakeholders;
- partner-searches.

Function of promotion, information and communication:

- promotion of "Apulia excellences and good practices" in Brussels;
- organization of events, conferences, debates, presentations, aimed at spreading knowledge of Puglia in Belgium and to EU officials;
- promotion and organization of information, communication and capacity building initiatives on European policies and funding programs, targeting either regional civil servants and other public and private Puglia active actors.

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## **Rigamonti ghisa Srl**



### **Description:**

Located in Valduggia, (Italy Northern west) in the Sesia Valley, has been well known since the 1400's for the bell foundry to which is owed the initial knowledge of the techniques of metallurgy. This very green area for the wealth of water It was once the

land of the water wheels by mills, mallets and sawmills.

From this at the construction of the wheels the step was short, updated by two projects with the Technical University of Turin Sustainable, low environmental impact; fish friendly and low maintenance.

This may be installed on any type of natural or artificial channel and may also be the subject of design and of urban furniture, it is sufficient water and a little jump.

### **Business proposal:**

The company being producers, it would like to meet companies that could cooperate in sale, after sale, installation and maintenance.

Companies of the areas: Renewable energy, Engineering, Installer electrical and machinery or interested in distribution agreement. We being producers, we would like to meet companies that could cooperate in sale, after sale, installation and maintenance.

Companies of the areas: Renewable energy, Engineering, Installer electrical and machinery or interested in distribution agreement.

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www.mill-green.com  
Contact: Giovanni Rigamonti*

## **STUDIO MANCHISI - Ingegneria e Servizi Integrati**

### **Description:**

STUDIO MANCHISI is involved in recovered fuel from solid non-hazardous waste sector. We believe that the concept of recovered is a key element of integrated waste management. Production of recovered is an integral part of sorting and recycling of waste, preventing landfilling and mass burn incineration. It is a flexible carrier of energy that can be applied where there is a demand for heat and power.

STUDIO MANCHISI promotes the production and use of recovered fuels that meet the requirements of existing European standards. Recovered fuels that are produced in this way may be referred to as SRF: Solid Recovered Fuel.

It is the view of STUDIO MANCHISI that only well characterised recovered fuels should be used for power and heat generation and that this should be done in a way that the environment is well protected.

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## ***Studio Valla - European Consulting***



**Description:** Studio Valla provides consulting services to business and public administration on financial investments as well as sustains the development of different project ideas. Studio Valla was founded in 1999, the headquarter is in Rome, Italy a second office is in Brussels, Belgium. Also, Studio Valla has recently opened a new office in Naples, Italy. Throughout the

years Studio Valla has established a dense network of professional collaborations and operative partnerships. Its activities has led to approve and fund projects of over 500 million euros, with a high degree of success. Studio Valla monitors and explores funding possibilities as well as supports companies' internationalisation.

*Studio Valla - European Consulting*

*Square Charles Maurice Wiser*

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## ***Turboden/Mitsubishi Heavy Industries Group***



**Description:**

Turboden is a leading company in the development and production of Organic Rankine Cycle (ORC) turbogenerators. ORC equipment generates heat and power from renewable sources (biomass, geothermal, solar), waste material and from waste heat from industrial processes and gas turbines. Founded in 1980 by Mario Gaia, Professor of Energy to the Politecnico of Milan, Turboden has been part of Mitsubishi Heavy Industries (MHI) group since 2013 with more than 300 plants installed in 35 countries.

*Turboden/Mitsubishi Heavy Industries Group*

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*www.turboden.eu*

*Contacts: Marco Baresi, Francesca Ettore*

## **Unioncamere Lombardia**

### **Description:**

Unioncamere Lombardia is the association of the twelve public Chambers of Commerce, Industry, Agriculture and Crafts of Lombardy.

Its objective is to consolidate – through actions undertaken by the Chambers of Commerce - policies and best practices that support the development of enterprises that operate in the region, so as to enhance Lombardy's economic leadership in Italy and in Europe.

Unioncamere Lombardia one of the nodes of Lombardy's and Italy's Chambers of Commerce system, which connects:

- 105 provincial Chambers of Commerce
- 19 Regional Associations, 135 Special Agencies
- 105 Chambers of Conciliation,
- 69 Chambers of Arbitration,
- 74 Chambers of Commerce located abroad,
- 39 Chambers of Commerce Italy-foreign countries,
- 65 European Information Centres, and
- 47 Commodity exchanges and trading rooms.

*Unioncamere Lombardia*

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*Contact: Corrias Marco*

## **Veneto Region (Brussels office)**

**Description:** Veneto Region works in the following areas: Primary sector, Environment, Research and Innovation Energy policies, Cohesion policies, Structural funds, Regional policies and territorial co-operation, Tourism, "Helpdesk for European Projects", Open Days event, Relations with the Regional Council of Veneto, Relations with Italian Universities, Visits, State Aids, Infringement procedures, Public procurements.

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