

# SINO EXCHANGE EVENT ITALIAN

VII SINO ITALIAN EXCHANGE EVENT

# CHINA • ITALY INNOVATION FORUM

IV INNOVATION SYSTEMS' MATCHMAKING EVENT

2013 **november** 14|15|16  
BEIJING

BIOTECH

GREEN CHEMISTRY

GREEN ENERGY

SMART CITY

CULTURAL HERITAGE

BIG DATA

ENVIRONMENT



ITALIAN PARTICIPANTS AND PROMOTERS



*Event promoted by*  
**MIUR - Ministry of Education,  
Universities and Research**



*With the patronage of*  
**MAE - Ministry of Foreign Affairs**



**MiSE - Ministry of Economic Development**



*And the collaboration of*  
**Agency for Digital Italy**



**ICE - Italian Trade Agency**



*Organizer*  
**Fondazione IDIS - Città della Scienza**



*Partners*  
**ANCI - National Association  
of Italian Municipalities**



**CNR - National Research Council**



**ENEA - Italian National Agency  
for New Technologies, Energy  
and Sustainable Economic Development**



**GSE - Energetic Service Management**



**INFN - National Institute of Nuclear Physics**



**Campania Innovazione**



**Toscana Promozione**



# ITALIAN PROMOTERS



#### FONDAZIONE IDIS-CITTÀ DELLA SCIENZA

Fondazione Idis-Città della Scienza activities aim at building a new economy based on knowledge in order to create a greater social cohesion. Its mission is to promote scientific culture for a sustainable economic and social development in Southern Italy, with a particular attention to the European and Mediterranean dimensions.

Città della Scienza is a complex system that includes a Science Centre, a Business Innovation Centre, an Advanced Training Centre and the FABLAB workshop. The Science Centre – the first interactive science museum in Italy - is an educational tool for the dissemination of scientific and technological culture in order to stimulate the visitor's will to understand the scientific phenomena through an innovative methodology. Idis is member of the ECSITE network, the European network of science centres and museums. The main facility of the Business and Innovation Center of Città della Scienza is the Incubator, a system of spaces and specialized services dedicated to innovative start-ups. The Incubator boasts of 40 modules that allow selected companies to be hosted, monitored and directed for three years. The other development tool of Città della Scienza along with the Incubator is the Advanced Training Center which is one of the most important reference points in the national and international panorama of education and non – academic training, as well as for the training of professionals for innovative jobs. Finally, Città della Scienza has recently launched its FABLAB Centre, a new space where to turn creative ideas into unique products through digital technologies.

#### Città della Scienza International Cooperation Activities

Città della Scienza, recognized as “NGOs in official relations with UNESCO”, plays a significant role at the international level, and focuses its activities to foster the dissemination of scientific expertise and to increase competitive capacity of the local systems.

It works on the realization of cooperation programs and transnational projects looking at four main themes: Innovation and society in Europe, Science and peace in the Mediterranean, Development cooperation in Africa, Internationalization and relations with emerging countries.

Since 2007, Città della Scienza manages the Sino Italian Exchange Event, in partnership with Beijing Association for Science and Technology; since 2012, Città della Scienza manages also the China Italy Innovation Forum, in partnership with Beijing Municipal Science and Technology Commission.

These two cooperation and exchange programs with China aim at: Promoting the collaboration among scientific, technological, commercial, cultural and touristic areas, as well as among other reciprocal sectors of interests. Improving exchange activities in research and university sectors, through the mobility of the researchers and the promotion of the scientific and technological cooperation.

Promoting exchange and technologies in the field of Smart Cities, and Communities, according to the Agreement signed by the Italian Ministry of Education, Universities and Research and the Chinese Ministry of Science and Technology, during the China Italy Innovation Forum held in Città della Scienza (Naples-Italy) in 2012.

Promoting new technologies in Cultural Heritage (Virtual Museum, preservation and development).



The National Association of Italian Municipalities (ANCI) was set up in 1901 and its defining characteristics are set out in its statute:

- responsibility towards the communities administered;
- autonomy from governments and political parties;
- unity for the protection and development of municipal communities;
- solidarity between institutions regardless of any political, geographical or numerical distinction.

The written rules of ANCI and its day-to-day activities reflect these principles.

The fundamental aim of ANCI's activities is to represent and safeguard the municipalities' interests, lobbying parliament, the government, regions, and Italian public administration and EU bodies.

Specifically, ANCI:

- participates, through its own representatives, in every institutional office where decisions concerning the interests of local authorities are taken
- provides consultancy to municipalities, directly or through agreements or conventions
- participates, as an employer, in the Italian Agency for Contractual Representation in the Public Sector (ARAN) in relation to the national labour contract for public employees
- promotes studies and research on issues that affect municipalities and metropolitan cities, steering its own capacity to anticipate trends, changes and new critical situations in the public sector
- facilitates initiatives to disseminate knowledge of institutions, to improve civic education and to encourage the participation of citizens in municipal life
- encourages and co-ordinates the activities of ANCI members in the fields of international relations and co-operation.

Since 2012, ANCI activated a program aimed to promote and support the Italian municipalities' evolution towards an urban eco-system more sustainable and efficient, through the development of innovative solutions linked with the concept of smart cities and communities. The main instrument of this program is the "National observatory on Italian smart cities": its goal is to produce analysis, research and replicable models for all the national local authorities. Currently, the municipalities members of the Observatory are over 60, that share good practices and technological solutions in specific work sessions and laboratories.



CNR is the largest public research institution in Italy, the only one under the Research Ministry performing multidisciplinary activities.

#### THE MISSION

As fixed by its new Statute in force as of April 1st 2011, CNR's mission is to perform research in its own Institutes, to promote innovation and competitiveness of the national industrial system, to promote the internationalization of the national research system, to provide technologies and solutions to emerging public and private needs, to advice Government and other public bodies, and to contribute to the qualification of human resources.

#### Departments

CNR's Departments are organizational units, structured by macro – areas of technological and scientific research, with the task of planning, coordinating and monitoring research activities in the affiliated institutes, by assuring them the necessary financial resources. Each Department furthermore has its national and international relations, dealing with its macro–area of interest. Every Department decides its own research strategies and programmes, also in cooperation with other Departments, and follows up their implementation through specific research projects. An Institute affiliated to one Department, performing research in interrelated scientific fields, can participate in other Departments' projects.

The Department decides, together with its institutes, single project's scientific lines, identifying the research groups to be entrusted with the relevant research tasks, at the same time providing them with the necessary resources. Each group of researchers, in charge of carrying out a single scientific line, thus gives its contribution to the achievement of the Project goals.

The 7 Departments are:

- Earth System Sciences and Technologies for the Environment
- Engineering, ICT and Technologies for Energy and Transport
- Humanities, Social Sciences and Cultural Heritage
- Chemical Sciences and Technology of Materials
- Physical Sciences and Technologies of Matter
- Agri-food and Biosciences
- Biomedical Sciences

The Institutes

The 109 Institutes, located throughout Italy, grouping together these technical and scientific areas of expertise, have been given the task of managing programmes and implementing the scheduled research activities, coordinated by the departments. The Institutes are not dependent

on the Departments but are autonomously responsible for their scientific research and duties. The geographical distribution of the Institutes, and their interdisciplinary and multidisciplinary features, enable them to contribute to the growth of regional innovation systems.

#### Financial Resources

From a financial point of view, the main resources come from the Government, 647 M€ of Institutional Funds in 2011, but also from the market: even 40% of CNR's balance sheet is the result of revenues coming from external job orders for studies and activities of technical advice as well as from agreements with firms, contracts with the European Union and with other international organizations.





ENEA is the Italian National Agency for New Technologies, Energy and Sustainable Economic Development, a public research organization with multidisciplinary competence mainly focused on research areas related to energy, climate and sustainable development.

The Agency has a permanent staff of 2700 employees among researchers, technicians and administrative staff. Research infrastructure entails:

- 9 Research Centres located all over Italy,
- 5 Research Laboratories,
- 43 Pilot Plants and other research facilities,
- 11 Local Offices,
- Brussels Liaison Office.

Activities are specifically devoted to:

- basic, mission-oriented, and industrial research exploiting wide-ranging expertise as well as experimental facilities, specialized laboratories, advanced equipment;
- new technologies and advanced applications;
- dissemination and transfer of research results, promoting their exploitation for production purposes;
- provide public and private bodies with high-tech services, studies, measurements, tests and assessments;
- training and information activities.

ENEA also promotes collaboration with foreign organizations and institutions in order to participate in research programs and activities in science and technology, also providing expertise for the definition of technical standards in international organizations and working groups.

**R&TD activities are focused on the following sectors:**

- Renewable Energy Sources: Concentrated Solar Thermal Energy; Photovoltaics; Biomass and Biofuels; Solar Thermal Energy at low and medium temperatures; Hydrogen, Fuel Cells and Energy Storage Systems
- Nuclear Energy: research on nuclear fusion focuses on both Inertial and Magnetic Confinement.
- Main R&D activities are related to plasma physics, technology and engineering systems, super conductivity, ITER Project, Broader Approach, FAST Project. Research on nuclear fission ENEA performs R&D on new-generation nuclear systems (advanced LWRs, Generation IV reactors) and on small and medium nuclear fission reactors.
-

- Energy efficiency: Support to Public Administration, Information and Training; R&D on Advanced Technologies for Energy and Industry; Technologies and Methodologies for energy efficiency in building and in the service sector.
- New Technologies: Materials Technologies; Radiation Applications; Sustainable Development and Innovation of the Agro-Industrial System; ICT
- Climate and Environment: Environmental Characterization, Prevention and Recovery;
- Environmental Technologies; Energy and Environmental Modeling; Marine environment and Sustainable Development; Antarctic Expeditions and Research in Polar Areas
- Safety and Human Health: Seismic Protection; Radiation Biology and Human Health; Radiation Protection; Metrology of Ionizing Radiation
- 'System Research' on energy: provides R&D aimed at innovating the national electric system, enhancing the system's reliability and the service quality, reducing impact on environment; allowing to use energy sources rationally.



Gestore dei Servizi Energetici GSE SpA is the State-owned company which promotes and supports renewable energy sources in Italy. The sole shareholder of GSE is the Ministry of Economy and Finance, which exercises its rights in consultation with the Ministry of Economic Development. GSE manages support feed-in tariff schemes for renewable energy sources at central level, with different solutions, which take into account the different technologies of the plants and the level of maturity of the related markets.

The main activities of GSE S.p.A. are: support for renewable electricity, purchase of electricity from producers & resale in the market, support to institutions and to the Public Administration, promotion of renewables and of the renewable-energy industry.

Since 2010 in order to promote the Italian renewable energy operators, GSE created the Corrente Project (<http://corrente.gse.it>) an institutional project open to free-voluntary participation by Italian renewable energy operators wishing to develop and strengthen their technological and commercial competitiveness.

Corrente is the Italian initiative which: Internationalizes Italian operators; Supports the Italian operators into international markets; Improves the RES and EEFF sector chain visibility; Develops the cooperation between SME and R&D. Nowadays, Corrente aggregates and internationalizes more than 1.600 Italian green companies Network "Corrente"

The Italian green industries with its solutions and outstanding reputation in renewable energy and energy efficiency fields, represented by the Corrente Project with more than 1600 Italian firms active in a wide range of technologies spread on the major sectors of the green industry, will attend the SIEE 2012 for a profitable Italian-Chinese cooperation.

ICE

TESTO PANNELLO DA RICEVERE



## MISSION AND ORIGINS

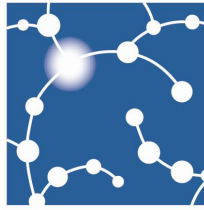
The Italian Institute for Nuclear Physics [INFN], under the supervision of the Ministry of Education, Universities and Research [MIUR], is the Italian research agency dedicated to the study of the fundamental constituents of matter and the laws that govern them. It conducts theoretical and experimental research in the fields of subnuclear, nuclear and astroparticle physics. Together with basic research, which represents its principal and fundamental mandate, the Institute has always been interested in the applications resulting from fundamental research. Such applications have a significant impact on society and the national territory and represent an important stimulus for technological innovation in the country. INFN research activities are undertaken within a network of collaboration and international competition in close cooperation with Italian Universities, on the basis of well-established working relationships. Many research activities are carried out together with other national research agencies. Fundamental research in these fields requires the use of cutting-edge technologies and instruments developed by INFN at its own laboratories and in collaboration with industries concerned.

INFN was founded on 8th August 1951 by groups of researchers from the Universities of Rome, Padua, Turin and Milan to sustain and develop the scientific tradition established in the 1930s by Enrico Fermi, and his school, regarding their theoretical and experimental research on nuclear physics. In the late 1950s INFN designed and built the first Italian accelerator: the electro-synchrotrone built in Frascati, where the Institute's first National Laboratory was then set up. During the same period INFN started its research work collaboration with CERN, the European Centre for Nuclear Research, for the realization and use of evermore powerful accelerators. Today the work of INFN researchers is internationally recognised not only for their contribution to European Laboratories but also to research centres worldwide.

Moreover, in fulfilling its mission the Institute

- collaborates with foreign scientific and technological Institutions, playing a significant role in the process of reinforcing the European research area;
- operates with an effective organization that respects freedom of research and is in compliance with the European Charter for Researchers;
- encourages training of young people in the fields of basic and applied research;
- sees to the dissemination of scientific culture, especially amongst young people;
- pursues scientific excellence by involving national industry in the development of leading edge tools;
-

- intensifies the interaction between research work and the transfer of knowledge in order to increase the competitiveness of Italian companies at an international level;
- develops nuclear and sub-nuclear techniques applied to medicine, cultural heritage and environment.



campania  
innovazione

Campania Innovazione promotes and manages the Regional Research Innovation System by supporting the dissemination and the exploitation of research processes within industrial domain and the technology transfer for innovation and competitiveness of Campania business system. Campania Innovazione aims at fostering economic development processes, based on technology transfer to SMEs, by creating a stable ecosystem in the region to support innovation, research and regional competitiveness. The Agency allows entrepreneurs and researchers to access to a wide network of expertise, in terms of developing technologies and information services and guidance to support the creation, the development and strengthening of innovative start-ups, spin-off and traditional SMEs, through:

CREATIVE FACTORY, an integrated system to support business creation and development of innovative ideas. Creative Factory supports the creative economy through the selection of proposals for product /service ideas; business projects; joint program for entrepreneurial development.

TECHNOLOGICAL POLE is a productive complex, consisting of companies working in high-tech sectors, organized in productive chains with prime specialization in ICT applied to Marketing and Communications, Information Security, Aeronautics, Transport, Industrial Automation, Home Automation, Entertainment, Environment fields. Within Technology Pole, start-up (business incubator), spin-off (spin off nursery), experienced companies and consortia (business park) coexist together. Technological Pole has achieved several international awards, such as "Best Science Based incubator 2008 - Overall Winner", within the VII international Conference about Best Practices in Science Based Incubators".

CAMPANIA IN.HUB - REGIONAL NETWORK RESEARCH AND INNOVATION was recognized by the Campania Region, with the Regional Finance Act 2012, as a lever of competitiveness of the region and an instrument of governance of research and innovation in the region. CAMPANIA IN.HUB has activated 5 Focal Points at the Regional Industrial Associations, 5 Technology Transfer Office at the University (University of Salerno Foundation, Coinor / University Federico II, Second University of Naples, Parthenope and Unisannio), 2 innovation desk at Science and Technology Parks and Business Incubators (PST Salerno and Technapoli).

The Agency also works as a techno-structure facility for regional program management.



## **TUSCANY REGION FOR INNOVATION**

The regional strategy for innovation is aimed on:

- maximizing the potential of this technology in the field hi-tech, with attention to the local roots of excellence production and processes of clusterization skills technology;
- to bridge the gap between demand and supply of innovation, with the support for technology transfer and strengthening of the market for skilled services.

Tuscany region is convinced that innovation is a crucial factor and a necessary step for the development of society of knowledge and revitalizing the economy. The Tuscan innovation sees an internal reality extremely complex and heterogeneous. In addition to the scientific excellence and research exists a fabric of micro enterprises positioned in Made in Italy, which was heavily affected by the crisis, but with the greatest manufacturing skills, and hi-tech companies are able to compete on a global scale in so-called fast growing, with tips of technological excellence and the need to consolidate its competitive positioning. The dynamics of technology transfer and innovation processes are so competitive lever on which to focus for the regional growth and the entire system should be that the system of Research dialogues in a better way with that of the company.

**World Production;** Regional policies to support SMEs and provide a detailed complex portfolio of regional instruments aimed:

- the tightness of the system, especially in the face of the crisis of the last years,
- its development, to seize the growth opportunities offered by global markets.

In particular, we note the open call "qualified services" aimed at supporting SMEs for the acquisition of services knowledge-intensive, will improve productivity and competitive positioning of companies, which has enabled more than 60 million euro investment by funding more than 1,500 companies in 3 years. Furthermore, in October 2010 was set up a trust equal to approximately 42 million euro, increased by additional indentation to support the investment programs presented by innovative small and medium-sized industrial enterprises, artisans and cooperatives. Added to this is the support of integration processes between businesses in order to support the processes of reorganization of supply chains, to increase the efficiency of production processes, the commercial development of enterprises, their innovative capacity, through integrations, acquisitions, mergers.





# [ ITALIAN PARTICIPANTS

## ActValue Consulting & Solutions s.r.l.

网 Web	<a href="http://www.actvalue.com/">http://www.actvalue.com/</a>
联系方 Contact	<a href="mailto:paolo.mosconi@actvalue.com">paolo.mosconi@actvalue.com</a>
单位 Organisation	
type	SME

### Participant Details

#### 简介



### Organisation Details 机构简介

Activity: Consulting services and software development in Human Resources, eCommerce and systems integration.

Products:

- Virtual Recruiter: Information system for staff selection and recruitment via web-based recorded video-interview
- HRS: Information system for staff selection and recruitment
- eWMS: Information system for eCommerce logistic

Services:

- eCommerce customer services (phone, mail, chat, social media)
- Social Media management services
- Consulting, design, implementation and management services for eCommerce web sites
- Integration services of complex information system

## Adelante Dolmen s.c.s.

网址	
Web	www.adcoop.it
联系方式	
Contact	riccardo.re@adcoop.it
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Our commercial services:

- ERP Software Development
- Designing Site Structures for Intranets and Websites
- Smartphone Apps
- LAN Technical assistance
- Data recovery from corrupted digital media

We appeal to information technology to facilitate work integration of people with disabilities.

During the years we have favoured the integration or reinstatement of many disabled employees in the workplace by giving them the pleasure of being fully integrated and productive.

## Cooperation Profiles 合作简介

### Offer:

We offer our brand new app (PocketLAI) developed for estimating leaf area index (LAI) using an Android smartphone and our application management.

### Search:

We are looking for partners to develop our smartphone app for agriculture and to implement our application management that in conjunction with RFID-NFC disposals can meet a wide range of business needs:

- personnel management operating outside the company
- timekeeping
- planning staff activities on field and verify their conduct
- automation of company reports
- warehouse management

## AD SPRAY srl

网址	
Web	<a href="http://www.adspray.it">www.adspray.it</a>
联系方式	
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单位性质	
Organisation type	IT Private Corporation

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Web advertising services for e-commerce. They have produced the social business network, a particular service for business to reach social network and online users looking for buy online each kind of products or services.

## Cooperation Profiles 合

**Search:** we register and developed the [www.socialbusinessnetwork.it](http://www.socialbusinessnetwork.it)

**Offer:** our mission is by the social business network platform aid the business company to sale their product and services by e-commerce worldwide

## Alma Automotive

网址	
Web	www.alma-automotive.it
联系方式	
Contact	ecorti@alma-automotive.it
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Alma Automotive offers services and products in the following areas:

- Testing on engine/vehicle and components;
- Engine/vehicle and components modelling;
- Definition of engine/vehicle control/diagnostic algorithms;
- Engine/vehicle data analysis;
- Competitor and track data analysis in motorsport competitions.

Projects are implemented using Matlab-Simulink or LabVIEW-VeriStand (Alma Automotive is part of the NI Alliance partner network).

Many of the proposed solutions are tailored on the customers' need, some of them have become off-the-shelf products: for example, OBI-2 is a miniature combustion analysis system (120x120x25mm, 400 grams), able to perform real-time combustion analysis for 6 cylinders engine, with CAN output of cycle-based parameters and the capability of 200 kHz data acquisition on 8 channels. A miniature charge amplifier is also available, and a miniature ICP amplifier is under development.

Alma Automotive also integrates Hardware In the Loop, test bench control and rapid control prototyping systems, based on National Instruments technology.

Modelling and control skills are also used in these applications, to offer engine/vehicle models for HIL simulation, open engine control systems, programmable via Simulink/LabVIEW, test and measurement automation (for example for automatic calibration tasks).

Some of Alma Automotive customers are listed alphabetically below:

AEB, Audi Sport, BMW, Borghi & Saveri, Ducati, Ferrari, Lamborghini, Magneti Marelli, MV Agusta, Scuderia Toro Rosso, VM.

## Cooperation Profiles 合作简介

**Offer:** Products:

Real-time combustion analysis systems (and charge amplifiers);

Hardware In the Loop systems;

Test bench control systems;

Intelligent data acquisition systems.

Services:

Engine/vehicle modelling;

Control/diagnostic algorithms definition;

Integration and automation of test and measurement systems;

Engine/vehicle control system development (HW and SW);

Competitor analysis (typically for motorsport)

**Search:** Alma Automotive is searching for a partner that could support introducing and distributing its products and services to local industries (especially automotive, e.g., SAIC Motors, Chang'an Motors, FAW Group, Dongfeng Motor, Chery, ...).

## App Factory srl / Tabletize

网址	
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联系方式	
Contact	<a href="mailto:franco.puppo@tabletize.com">franco.puppo@tabletize.com</a> <a href="mailto:nicolo.cavallo@tabletize.com">nicolo.cavallo@tabletize.com</a>
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Tabletize is an online platform to create native mobile application with a WYSIWYG Web editor similar to Adobe InDesign or Microsoft power Point without writing a single line of code. The platform produces a fully functional .APK, IPA and APPX Windows executable enabling the user to publish the application stores. All the application rely on fast performing native code (APK and IPA are fully functional, Windows is still in its beta stage). The platform automatically manage the different asset needed to empower application on different devices (for example generating images at different resolutional and manages to deliver pixel perfect application resources to devices without a hitch and deliver content in real time enabling no-update modification of the content of the app. The platform is especially suited to interactive catalogues, presentation application, product application, digital magazines as it allows to start from a PDF file and transform it into an interactive application, but can be used to publish any kind of standard application that does not require UI components and behaviors that need to be coded from scratch. Additional features can be added to the application by the simple use of drag and drop.



## Cooperation Profiles 合作简介

**Offer:** Tabletize is an online platform to create native mobile application with a WYSIWYG Web editor similar to Adobe InDesign or Microsoft power Point without writing a single line of code.

## B Human Srl

网址	
Web	<a href="http://www.bhuman.it">www.bhuman.it</a>
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单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

- Software development
- IT Solutions & Services Provider
- System Integration
- Web development

## Cooperation Profiles 合作简介

### Offer:

Provide IT services/solutions to Chinese companies interested to reach into the Italian market.

**Search:** Provide IT services to Italian companies working in China to adapt their offering to the Chinese market through local partners (Chinese full service/eCommerce providers, local web agencies).

## Bio-Ker s.r.l.

网址	
Web	
联系方式	
Contact	davide.crobu@multimedica.it
单位性质	
Organisation type	LARGE COMPANY

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Bio-Ker is a biopharmaceutical company, owned by Multimedica Holding, with main activities in research and development of biodrugs, from preparation to preclinical and clinical studies.

The pipeline includes recombinant therapeutic proteins, peptides drugs, FAB and their pegylated derivatives. FAB drugs conjugated with cytotoxic compounds to traditional are new oncology targets.

The most advanced product is a New Pegylated Filgrastim that completed Phase I/IIa clinical study and is now ready to start the adaptive phase II/III clinical trials. Pipeline:

- REC - GCSF (Biosimilar Filgrastim)
- PEG - GCSF (New pegylated filgrastim)
- PEG - GLP-1 mutant
- PEG - Insulin
- Anti-CRIPTO
- VR1-BP
- PEG- FAB
- FAB - drug conjugate

Selective enzymatic pegylation technology

## Cooperation Profiles 合作简介

**Offer:**

We are interested in finding potential partners for licence out our products and innovative enzymatic pegylation technology.

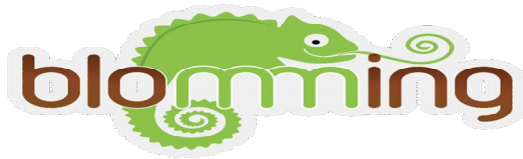
**Search:** We search business opportunities in China: licensing, partnership, co-development and/or scientific collaborations

## BLOMMING

网址	
Web	<a href="http://www.blomming.com">www.blomming.com</a>
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单位性质	
Organisation type	START UP

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Blomming is a social commerce platform that allows everybody (individuals and small and medium business) to sell online on their Facebook page/site/blog. Easily, rapidly at an affordable cost. Merchants can also sell their products on Blomming and by this way Blomming is also a marketplace of independent creative products. Furthermore Blomming has an affiliation network: merchants can rely though on a network of promoters that can create a shop with sellers products. Promoters are typically bloggers or publisher that already have their own audience and want to monetize it. They can create a shop with merchants products and embed it on their properties or just share the link of a product on social network and earn commissions.

## Cooperation Profiles 合作简介

### Offer:

- Business development
- Investors / venture capital

### Search:

- A ready to use social commerce platform
- A use base made by mainly
- An ecommerce affiliation network

## BMSOLAR SRL

网址	
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单位性质	
Organisation type	INNOVATIVE STARTUP COMPANY

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

BMSolar is a start-up company in Pontedera, founded in September 2011 involved in renewable energy sector, in particular photovoltaics, BMSolar designed and manufacturers Power Optimizer "BlackMagic".

"BlackMagic" is a product family composed by

- electronic devices to be installed in the field, between PV Panels and Inverters
- software

"BlackMagic" product family are focused on

- best performance in energy production
- Preventing Aging of the photovoltaic installation
- Monitoring data from the field
  - energy production
  - fault alarm
  - other values
- Safety
  - fire protection
  - antitheft

All the products are well established and well industrialized, protected by two pending patents, BMSolar has capitalized on their unique Know How in PV installation. All BMSolar products are suitable for both new and existing installations

The motto of BMSolar is "L'intelligenza nel fotovoltaico" ( photovoltaic intelligence) because BMSolar has actually introduced an original technological middleware for PV Installations in the market creating a new state of the art. Intelligent installation means:

- Efficiency optimization for the best performance and energy production
- Control of PV installation behaviour with industrial tools Prevents faults and deterioration
- Safe-protects case of fire
- Theft prevention

In other words it "maximizes ROI (Return of investment), minimizes BEP (Break Even Period) and better preserves investments in PV installations"

The Value proposition of BMSolar's Product/Service responds to market needs by offering new and advanced features , that are "new state of art" in the PV Installations. The benefits are

- Overall increase in production of energy from PV power plants or, by keeping peak production constant.
- Reduction in area covered by PV panels (less panels);
- Reduction of endogenous and exogenous mismatching
- Reduction in infrastructure costs of passive components (less frames);
- Reduction in infrastructure costs of active components (Inverters, junction boxes, panels);
- Reduction in costs of recycling highly pollutive PV panels, either because less panels need to be used, or because the more efficient use of PV panels increases longevity;
- Reduction in ordinary maintenance costs (cleaning tasks can be better scheduled due to module by module monitoring)
- Reduction in extraordinary maintenance costs (replacement of broken or stolen modules, thanks again to module by module monitoring). Additionally, the better and more prompt maintenance significantly increases the overall production of energy from the entire PV power plant.
- Effective anti-theft alarm system working 24/7/365.
- The increase in energy production of +5% extends the life of solar panels and reduces recycling costs.

BlackMagic Power Optimizer installation varies from country to country depending on local government feed-in tariffs the BEP ranges from 2 to 3 years.

In case of Grid Parity, depending on the cost of installation and the latitude, the BEP ranges from 3 to 5 years.

The BEP calculation is however conservative, as it only considers direct advantages of the increased energy production and fails to consider the valuable features of monitoring (which contribute to the reduction of power plant OpEx ) and anti-theft systems. BlackMagic is a solution that represents a concrete investment opportunity with significant positive interest rates.



## Cooperation Profiles 合作简介

### Offer:

- BlackMagic Power Optimizer products
- Research in PV Installation Efficiency

### Search:

- Commercial Partner to distribute the BMSolar products
- Industrial partner to integrate our technology in PV Inverter and/or PV Panels

## CALABRESI CREATIVI

网址	
Web	<a href="http://www.calabresicreativi.it">www.calabresicreativi.it</a>
联系方式	
Contact	<a href="mailto:do.rositano@gmail.com">do.rositano@gmail.com</a> <a href="mailto:aiello@email.it">aiello@email.it</a> <a href="mailto:sergio.stumpo@targeteuropa.eu">sergio.stumpo@targeteuropa.eu</a>
单位性质	
Organisation type	ASSOCIATION

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

SMARTDMO is a platform able to create, develop, evaluate and commercialize tourism networks. It helps the local governance of a tourism destination and facilitates local stakeholders to be "market makers" using different indicators.

SMARTDMO's project has three specific objectives:

- Encouraging the cooperation among the DMOs (Destination Management Organizations), their tourism stakeholders and all local population.
- Assisting local tourism stakeholders to identify the specific needs and expectations of the tourists visiting the destination.
- Stimulating all local tourism stakeholders to adopt processes of "digital supply chain management".

The platform is organized in two different sections:

- 1) Product development
- 2) Strategy identification and development

In the first section, Product development, all local tourism stakeholders of the DMO work together with

the purpose to conceptualize the tourism products, identify quality problems of the tourism services, etc. This exercise is done through online and offline discussions, and at this stage, the platform is also used as meeting point by all tourism stakeholders.

The second section includes the involvement of marketing professionals, who are expected to elaborate and evaluate all data collected by the Platform. All these information are translated into development strategies related to marketing actions, improvement of the quality of the tourism services, development of new services and tourism products, etc..

### **Cooperation Profiles 合作简介**

**Offer:**

- PRODUCTS
- SERVICES

**Search:** INNOVATION

## Name: C.I.R.A. Italian Aerospace Research Center

网址	<a href="http://www.cira.it">www.cira.it</a>
Web	
联系方式	
Contact	<a href="mailto:C.Russo@cira.it">C.Russo@cira.it</a>
单位性质	
Organisation type	Research body

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

**CIRA**, the Italian Aerospace Research Centre, is a not-for-profit research consortium. The Italian Space Agency (ASI) and the National Research Council (CNR) hold the majority of the Company shares; other relevant shareholders are national aerospace Companies and the Regional Government (Regione Campania). The joint participation of private and state organisations makes the objectives of CIRA consistent with the national strategic goals and the companies' needs, contributing to the economic and social development of the country.

**CIRA** was charged by the Italian Government to define and pursue the National Aerospace Research Program (PRO.R.A.).

PRORA outlines:

- research activity development, experimentation, production and exchange of information, specific personnel training in aeronautics and space, also through the participation in European and international programmes
- realisation and management of large functional facilities and laboratories for the achievement

of the former objective.

Consistent with its mission, **CIRA** pursues the following objectives:

- become a Centre of excellence in aerospace disciplines with theoretical and experimental capabilities;
- promote training and knowledge in the aerospace field;
- acquire and transfer know-how in order to improve the competitiveness of companies and to encourage the birth of new ones.

The achievement of the above mentioned goals implies:

- the development of research projects in synergy with the entrepreneurial and scientific community;
- the participation to international co-operative research projects with the main International Research Organisations;
- the development of modelling, simulation and experimentation either on ground or in flight, through the acquisition and development of technological demonstrators;
- the promotion of collaborations with national and international research centres to foster synergies and complementarity with existing and strategic testing facilities and laboratories;
- the recruitment and training of recent university graduates and researchers.

PRO.R.A. main scientific lines are consistent with the national strategy to integrate aeronautics and space research activities. Research activities at **CIRA**, based on scientific acquisition and testing capabilities, converge on three main areas: Vehicles, Systems, Propulsion.

**CIRA** facilities such as the Plasma Wind Tunnel (PWT), the Icing Wind Tunnel (IWT) and the Aerospace Structures Impact Testing Facility (LISA) are considered outstanding facilities in the world aerospace community on the basis of their testing capabilities.

Other testing facilities are: the Transonic Research Wind Tunnel (PT-1), the Vibration and Acoustics Laboratory, the Advanced Aerospace Materials Laboratory, the GN&C Laboratory, the Space Qualification Laboratory.

Within the UAV (Unmanned Aerial Vehicles) and USV (Unmanned Space Vehicles) projects, we are realizing technology demonstrators and/or flying test beds to study innovative aerospace technologies. These flying laboratories will operate in synergy with the existing CIRA laboratories.

## Cooperation Profiles 合作简介

**Offer:** CIRA is available to cooperate with Chinese governmental bodies and companies in many field of aerospace domains.

Description

DESCRIPTION:

CIRA as Italian research center is active in many field of Aerospace reserach both for common research activities and for providing services (Wind tunnel tests) to Chinese Aerospace governmental bodies and companies. Particularly interest are in the field of the unmanned vehicles (both aeronautical and space), earth observation for environmental and securi

TYPE AND QUALIFICATION OF PARTNER SOUGHT:

Chinese Aerospace Research Groups

Chinese Aerospace Compamies

Co-operation Type:

**Offered / Requested:** Research co-operation

**Offered / Requested:** Technical co-operation

## Cosvitec

网址	
Web	www.cosvitec.com
联系方式	
Contact	sergiobolletti@cosvitec.eu
单 Organisation type	Consortium/association

## Participant Details



## Organisation Details 机构简介

Development of scientific and technological research projects. Consultancy for technological innovation. It is the delegate partner of the Regional Biotechnology Network FAMEGA.

## Cooperation Profiles 合作简介

### Offer:

Cosvitec is constantly monitoring the effects of the globalization of markets on the economic development:

- Supporting enterprises in order that they continue investing in technological innovation and increase their production potential and development and research projects.
- Innovation, technology, enterprise internationalization, communication, efficiency and effectiveness, these are the guiding principles of a sustainable development of the economic model, Beijing strictly interconnected with each other.
- Research and development, transfer of technological and scientific innovation, international cooperation project management, business consultancy, business matchmaking.

### Search:

Search: research centres in Agrifood and biotechnological fields, specialized in quality, biological and biotechnological control; collaboRATION WITH RESEARCH CENTRES ELABORATING AND PRODUCING INNOVATIVE PHARMACEUTICAL PRODUCTS ALTERNATIVE TO ANTIBIOTICS.

## Consortium Ubiquitous Technologies

网址	
Web	www.cubitlab.com
联系方式	
Contact	alma.serica@cubitlab.com / marco.magnarosa@cubitlab.com
单位性质	
Organisation type	PRIVATE LIMITED CONSORTIUM (SME conditions)

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

CUBIT main activities

Actually CUBIT represents, along with Technological Park of Navacchio, an IoT Centre of expertise in Tuscany. The most relevant technologies used in carrying out CUBIT activities are:

- Wireless MAN –Broadband Wireless Access (802.11x, Wi-Fi, HiperLAN/MAN, 802.16-Rev.2004, WiMax, WiBro, 802.16e, 802.20)
- RFID: HF ISO 14443 A-B, UHF EPC GLOBAL GEN 2, NFC
- Wireless Sensor Networks (ZigBee, BT)
- Fourth Generation Cellular (LTE – Long Term Evolution, Next Generation Mobile)
- Ultra Wide Band (UWB) Systems
- Radiofrequency, Micro-wave and Millimetre Wave Systems

CUBIT expertise and capacities are mainly developed and focused on the following topics

- SMART CITY
  - Wireless Sensor Networks and Distributed telecommunications systems for air quality monitoring
  - ICT-based Interoperable Systems for Public Transport Contactless eTicketing
  - M2M systems for Traffic Monitoring
  - - Smart Wireless Street Lighting Management Systems



- SMART METERING
  - Wireless Sensor Networks and Distributed telecommunications systems for smart metering (water, gas, mobility, energy, services)
- SMART GRIDS
  - Telecommunication Systems for Smart Grids Management and EMC validation
    - INFOMOBILITY
  - RFID and Radio Frequency Sensor Technologies for Traffic Management
  - RFID and Radio Frequency Sensor Technologies for mobility impaired people
    - HOME AUTOMATION
  - Domotics for living and entertainment
    - e-HEALTH
  - Portable wireless systems for patient monitoring
- CUBIT main products
  - RFID, Contactless technologies/systems
  - Stick ID: RFID HF reader for contactless applications such as the charge of electronic purses in transportation, logging for banking services and identity and communication with NFC Phones.
  - Discovery desktop UHF: low power desktop reader for reading and writing RFID UHF tags for integration in mobile and fixed systems
    - OEM-Embedded products
  - Atlantis OEM HF: is a low power module fit for integration both in fixed or mobile systems.
  - Discovery OEM UHF: Low power reader fit for integration both in fixed or mobile systems, able to read and write UHF RFID tags up to 1 m (depending on antenna)
    - Mobility City 2.0
  - Parking Spot Sensor: Parking Spot Sensor is the wireless parking sensor designed to determine the empty spaces of a single parking lot or of car parking areas, with the lowest TCO (Total Cost of Ownership) of purchase, installation and maintenance available on the market
  - RFID UHF Gate: system for urban mobility and vehicles in transit monitoring in the "lit" area, at a maximum distance of 6,0 m with the output power configured in accordance to the limitations of the law.
  - Flow Sensor: vehicle flow monitoring and tracking
    - Tourism City 2.0
  - Tourist Point: GSM/GPRS system for monitoring and certifying the tourist guides transition through the most relevant historical or cultural city sites
    - e-Ticketing City 2.0
  - Ticket vending machine: touch screen ticket emitting system for transport vehicle tracking (black box) and other applications, thanks to its various user interfaces
    - Environment City 2.0
  - Air Pollution Abatement (APA): intelligent multifunction modular platform, based on exclusive innovative technology, protected by patent, designed for anthropogenic pollution abatement in the atmosphere
  - Green Light Networks: smart, ecological and low-cost urban lighting

- Eco WAVE: multifunction solar panel with integrated antenna for UMTS and Wi-Fi
  - Wireless sensor networks
- FluctuS is an Intelligent Sensor System for the creation and management of Wireless Sensor Networks for the Internet of Things and Smart Cities applications. FluctuS is a set of hardware modules that retrieve data from a variety of sensors (i.e. Methane, CO, NOX, SOX– Air quality, Air Temperature, Humidity, Air Pressure, Video cameras, etc) and transmit them to a dedicated Cloud Platform by means of different technologies (UMTS/ GPRS/ WiFi/ Zigbee/ Bluetooth /Ethernet).
- CUBOLIFE: smart system aimed to detect and monitor the quality standards of environment in private homes, offices, public buildings and every living space. Connected to a mobile platform and by the means of environmental screening services it identifies, measures and monitor the main human health hazard pollution sources: Air, Thin-dust, Nois, Water, Radon, Electromagnetic, Radioactive. The scope of CUBIT is to place itself in the Internet of Things (IoT) chain in the national and international market with new highly innovated technological products, services and standards, creating a complete, modular and scalable offer that can be applied to different markets and sectors, such as urban mobility, logistics, healthcare and environment. CUBIT looks for industrial technological partners actively working on the Smart Cities Development, specially regarding ITS (Intelligent Transport Systems) and Traffic and Parking Management.

## Cooperation Profiles 合作简介

### Search:

- Commercial agreements for the Chinese Market including: commercialization, distribution, production and system integration activities
- Production agreements with Chinese partners
- Innovative Traffic Management Products to be integrated in CUBIT's offer for the European market

### Offer:

The above listed CUBIT main products.

## National Research Council (CNR) – Department of Chemical Science and Materials Technology (DCSMT)

网址	
Web	www.dsctm.cnr.it
联系方式	
Contact	michele.guerrini@cnr.it
单位性质	
Organisation type	RESEARCH BODY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

The activities is mainly focused on technology transfer of the expertise within the Department in the area of biomaterials for repair and regeneration tissue and also for activities related to the medical devices sector which plays a crucial role in the diagnosis, prevention, monitoring, and treatment of diseases and the improvement of the quality of life of people suffering from disabilities.

### Cooperation Profiles 合作简介

#### Search:

Partners for cooperation in research, innovation and technology transfer activities

## ENEA – Italian National Agency for New Technologies, Energy and Sustainable Economic Development

网址	
Web	<a href="http://www.enea.it">www.enea.it</a> http://www.enea.it/en/home?set_language=en&cl=en
联系方式	
Contact	marina.leonardi@enea.it – relint@enea.it
单位性质	
Organisation type	RESEARCH BODY - GOVERNMENTAL BODY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

ENEA is the Italian National Agency for New Technologies, Energy and Sustainable Economic Development, a public research organization with multidisciplinary competence mainly focused on research areas related to energy, climate and sustainable development.

The Agency has a permanent staff of 2700 employees among researchers, technicians and administrative staff. Research infrastructure entails: 9 Research Centres located all over Italy, 5 Research Laboratories, 43 Pilot Plants and other research facilities, 11 Local Offices, Brussels Liason Office.

Activities are specifically devoted to:

- basic, mission-oriented, and industrial research exploiting wide-ranging expertise as well as experimental facilities, specialized laboratories, advanced equipment;
- new technologies and advanced applications;

- dissemination and transfer of research results, promoting their exploitation for production purposes;
- provide public and private bodies with high-tech services, studies, measurements, tests and assessments;
- training and information activities.

ENEA also promotes collaboration with foreign organizations and institutions in order to participate in research programs and activities in science and technology, also providing expertise for the definition of technical standards in international organizations and working groups.

R&TD activities are focused on the following sectors:

- Renewable Energy Sources: Concentrated Solar Thermal Energy; Photovoltaics; Biomass and Biofuels; Solar Thermal Energy at low and medium temperatures; Hydrogen, Fuel Cells and Energy Storage Systems
- Nuclear Energy: research on nuclear fusion focuses on both Inertial and Magnetic Confinement. Main R&D activities are related to plasma physics, technology and engineering systems, super conductivity, ITER Project, Broader Approach, FAST Project. Research on nuclear fission ENEA performs R&D on new-generation nuclear systems (advanced LWRs, Generation IV reactors) and on small and medium nuclear fission reactors.
- Energy efficiency: Support to Public Administration, Information and Training; R&D on Advanced Technologies for Energy and Industry; Technologies and Methodologies for energy efficiency in building and in the service sector.
- New Technologies: Materials Technologies; Radiation Applications; Sustainable Development and Innovation of the Agro-Industrial System; ICT
- Climate and Environment: Environmental Characterization, Prevention and Recovery; Environmental Technologies; Energy and Environmental Modeling; Marine environment and Sustainable Development; Antarctic Expeditions and Research in Polar Areas
- Safety and Human Health: Seismic Protection; Radiation Biology and Human Health; Radiation Protection; Metrology of Ionizing Radiation
- 'System Research' on energy: provides R&D aimed at innovating the national electric system, enhancing the system's reliability and the service quality, reducing impact on environment; allowing to use energy sources rationally.

## Cooperation Profiles 合作简介

### Offer:

Research, know-how, expertise and facilities for the development of joint research/demo projects and/or technological transfer in the fields of renewables, energy management, energy efficiency, smart grids,

intelligent public lighting; electric vehicles fast charging systems; waste-to-energy and utilization of industrial and agriculture waste; innovation in the agrifood system; technologies for the cultural heritage: diagnostics, preservation and restoration.

**Search:**

Research and/or institutional partners interested in joint research and/or cooperation agreements based on the technological development of ENEA technologies/expertise.

## Engineering Ingegneria Informatica SPA

网址	
Web	www.eng.it
联系方式	
Contact	silvia.boi@eng.it
单位性质	
Organisation type	LARGE COMPANY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Engineering is deeply involved in the development of cultural and tourism services. The proposed services aims at exploiting and valorized cultural resources with the aim to generate impact and economical growth. Engineering has been implementing a platform of intelligent services for cultural heritage capitalization, able to enhance cultural experience, based on social inclusion enhancement and on support for realizing (real or digital) virtuous places,.

Within this framework, information and knowledge can be created, shared and processed with the goal of improving the life quality of both citizens and organizations to achieve a desirable social and economic growth. The stream will study and build innovative solutions for improving the territory cultural offer: the knowledge on cultural heritage to be provided to users (tourists, citizens, operators, researchers ...), the cultural heritage fruition, its conservation and preservation.

This activities are carried out with other Italian core partners in the research and industrial sector (University of Salento, University of Modena e ReggioEmilia, Expert System and Open1) within a National project "Cluster DICET---INMOTO" cofounded by the Italian Ministry of Education and Research. The main services provided by the proposed platform are:

- Collaboration and co--creation environment aimed at the cooperation of the various stakeholders for co--authoring and co--definition of services.
- Semantic technologies for knowledge management: Engine for semantic analysis for the definition of a semantic network and study of algorithms for the extraction of entities and relationships.
- Innovative components for a personalized cultural experience such as 3D virtual environment, augmented reality (on smartphone and tablet), geo---localization (outdoor and indoor), Interaction with the physical environment (sensors, displays), advanced, personalized and interactive user interface.
- Advanced services for the cultural experience: user profile modeling and contextualization and personalization engine; services for the enjoyment of the cultural experience during and after the visit.

### **Cooperation Profiles 合作简介**

**Offer:**

We would like to promote our services for synergies in the field of Innovation and services in the Cultural Heritage and Smart City sectors.

**Search:**

We are interesting to meet organizations interesting in innovation and services in the field of smart cities, Cultural Heritage and Tourism (Public Administrations and Cultural and tourism organizations, SMEs)



## Fondazione per le scienze religiose – fscire.it

网址	
Web	<a href="http://www.fscire.it/">http://www.fscire.it/</a>
联系方式	
Contact	PASQUINI@FSCIRE.IT
单位性质	
Organisation type	RESEARCH BODY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

International research network in the field of religious history, visual history exhibition, research on eu/china relations, exhibitions, restoration of manuscript

Products:

The marco polo bible project with treccani.it.

The main program presented at shanghai expo

Verdi at the national museum of china

### Cooperation Profiles 合作简介

#### Offer:

Visual history exhibitions know how and products Partnership in Italy and Eu for research programs in the humanities

#### Search:

Ict for big data on cultural heritage Museum for exhibition of visual history Phd program on religious studies

## National Research Council (CNR) – Institute of Composite and Biomedical Materials (IMCB)

网址	
Web	<a href="http://www.imcb.cnr.it/">http://www.imcb.cnr.it/</a>
联系方式	
Contact	mlavorgn@unina.it, gbuonoco@unina.it
单位性质	
Organisation type	RESEARCH BODY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Research activities are mainly focused upon expertise in polymer and composite structures (natural, semi-synthetic, synthetic), at different organization levels (nano- to macro-scale) with specific functionality, leading to the development of innovative and environmentally friendly products and processes. Nanotechnology has been implemented to design highly multifunctional materials and structures. Advanced techniques have been investigated to develop nanoscale macromolecular structures, with finely controlled composition and architecture generating considerable innovative applications in many industrial sectors.

Research activities, which have brought to products ready to the market, can be summarised as follows:

- Development of new active packaging films and coatings able to slow down or inhibit the mechanism responsible for food deterioration

- Development of innovative multifunctional nanostructured material with tailored functionalities such as antibacterial activity, control of water sorption kinetics, antioxidant activity through the control of active compound release.
- Development of lightweight foamed hybrid materials based on polyurethane and cement to be used in the construction process to improve the acoustical, thermal as well as mechanical and structural properties of historical and new buildings. This activity has allowed the formation of a spin-off company named Hypucem.

Basic research activities can be summarized as follows:

- Development of new high barrier materials through the layer by layer Layer-by-Layer (LbL) assembly, a technique that allows the construction of multilayered films through the alternate deposition of oppositely charged polyelectrolytes or particles (i.e. such as graphene) on a substrate.
- Design, development and characterization of smart material based on nanostructured polymeric substrate to be used for specific applications in the environmental field (i.e. removal of pollutants or toxic substances from air or liquid matrixes, release of specific additives).
- Determination of the correlation structure/properties and use of mass transport properties of polymers and nanocomposites as valuable tool for the design and optimization of multiscale structure of multifunctional materials.

## Cooperation Profiles 合作简介

### Search:

Partners for cooperation in research and innovation activities on polymer and composite materials

### Offer:

Innovative multifunctional polymeric materials for food packaging applications (active films) in order to prolong the shelf life of packaged foodstuff.

#### DESCRIPTION

Active films have further functions compared to traditional passive systems that generally have the sole utility to protect the packaged product from external detrimental phenomena. By means of active materials it is possible to increase substantially the shelf life of the packaged product by acting on specific mechanisms that provoke its unacceptability.

The modification of a polymeric matrix intended for food applications aimed to prevent microbial contamination or growth is highly desirable. Thus, the interest in developing materials with antimicrobial properties for biomedical, food and cosmetic applications is very high. The active agents should combine the potential bactericidal and/or fungicidal effect to characteristics of environmental safety, low toxicity and low cost. Even though dipping or spraying of these compounds on food can improve quality direct application on the product is generally skipped out, due to the potential diffusion of active substances in the food matrix. Use of active packaging for food storing could represent a more suitable system to let a slow migration of active agents from polymeric material to food surface, thus allowing maintaining quality of packaged good. Two methods can be adopted to develop an antimicrobial packaging: one is based on the incorporation of volatile or no-volatile compounds into the polymer, the other one is based on coating antimicrobial agents on the plastic film.

Innovative nanocomposite coatings for enhancing the barrier properties of polymeric materials

#### DESCRIPTION

The basic idea is to define a new methodology for the design of innovative polymeric coatings with a tailored control of the morphology of graphene platelets from an orientated structure to a three-dimensional assembled network. Results obtained within the cooperation with the SKPLME of the Sichuan University have revealed the graphene platelets have a great effectiveness in enhancing the barrier properties of polymeric materials when their structure is organized in a continuous assembled 3D-network. The results can be useful for the realization of barrier materials to be applied in several fields ranging from packaging for food to packaging for electronic devices.

Hypucem, a new lightweight hybrid foam for construction systems with high energetic efficiency

#### DESCRIPTION

HYPUCEM is the name of an Italian spin-off company and the name is for: Hybrid, PolyUrethane and CEMENT. HYPUCEM is a new class of materials based on the synergic interaction between organic polymer and hydraulic cement component.

This material has been developed by combining the properties of the polyurethanic foams (thermal and acoustical insulation, absorption energy) with the properties of the hydrated cementitious binders (mechanical and dimensional stability, water vapour transpirability and non-flammability). HYPUCEM is a hybrid material because the organic and inorganic phases are strictly interconnected with strong interactions between the single components. In particular the hybrid material, which looks like cement but its density is lower than water, exhibits new properties arising from the roles played by interfacial forces and surface chemistry between organic and inorganic phases. Despite the presence of inorganic components, the lightness, thermal and acoustic insulation properties of HYPUCEM are similar to those of polyurethane, the best material available on the market nowadays. Hypucem possesses both functional and structural (mechanical) properties, tuneable water vapour transport properties, good adhesion to inorganic binders, reduced application time and costs, high flexibility in terms of shape and size of manufactures. All of these properties can be varied over a wide range, by modifying the composition of the raw components and the processing variables.

Hypucem offers a lot of properties which can be optimized for specific applications.

The most important properties can be summarized as follows:

- Low specific weight
- Heat resistance (at high specific weight the material is not flammable)
- Good mechanical properties
- Thermal and acoustic insulation
- Thermal dimensional stability
- Low shrinkage during production
- Water vapour transpirability
- High adhesion to cementitious plaster mortar.

## IMG INTERNET SRL

网址	
Web	<a href="http://www.imginternet.com/">http://www.imginternet.com/</a>
联系方式	
Contact	r.fortunato@imginternet.com
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Img Internet is a digital consulting company which creates, develops and promotes communication and business projects on digital media

Services:

- Website: Creativity and Web Design, Web Mobile, Multimedia, Hosting
- Web marketing: Online business strategies, Integration and software customization, Development of applications for business process
- Consulting: Landing page and dynamics websites within Facebook pages, SEM (Search Engine Marketing), SEO (Search Engine Optimization), SMM (Social Media Marketing), Statistical analysis and planning
- Outsourcing: Content management, Communities and Social media management, intranet and internal communication, Hosting on Img Internet web farm

## Cooperation Profiles 合作简介

### Offer:

- high level references such as: Roche, Honeywell, Microsoft, Sap, Benetton, Fabbri, Promos , European Commission
- Qualified digital communication agency within an integrated communication group
- Highest technology level compared to the market demand
- Multilingual staff

### Search:

Chinese structured communications company for a partnership that aims to:

- address Italian customers who wants to operate in the Chinese market
- Reach Chinese clients interested in operating in the Italian market

## ISTITUTO NAZIONALE DI FISICA NUCLEARE (INFN)

Web	www.infn.it
联系方式	
Contact	rinaldo.baldini@centrofermi.it
单位性质	
Organisation type	RESEARCH BODY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Main fields of activity:

- Networking
- GRID computing
- Cloud computing based on Open Source software
- Dosimeters
- Treatment plans in radio- and hadron-therapy
- Accelerators for hadrontherapy
- Sensors
- Dating of material of historical or artistic interest
- Non-invasive diagnostics in situ of works of art
- Characterization of material of historical, artistic and archaeological interest

### Cooperation Profiles 合作简介

**Offer:**

The above knowledge/products/services.

## ISTITUTO DI CHIMICA E TECNOLOGIA DEI POLIMERI, ITALIAN NATIONAL RESEARCH COUNCIL (ICTP-CNR)

网址	www.ictp.cnr.it
Web	
联系方式	
Contact	mario.malinconico@ictp.cnr.it
单位性质	Research Body
Organisation type	

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

The Institute of Chemistry and Technology of Polymers (ICTP) has a long experience in polymer chemistry and technology, development of innovative and sustainable polymer blends and composites, (including nanocomposites) either of synthesis and of natural origin. Packaging has been the main technological target of many researches, intended in the wide sense of crop and food protection. Polyolefins, polyamides and PET based blends and nanocomposites with controlled microstructure in order to impart easy processing, scratch resistance, controlled permeability to gas and vapours are among the most significant targets in oil-based polymer technology. Polysaccharides and natural polyester based blends, composites and nanocomposites in the form of melt extruded films and water dispersions have been obtained and tested against fossil polymers in order to find viable alternatives to non renewable polymers. The ICTP is well equipped with processing machines and testing equipments for ultimate properties, as well as apparatuses for chemical-physical and structural characterization. ICTP has participated and managed many European Project in the field of packaging and sustainable polymers technology. In recent years ICTP has



developed innovative packaging technologies for the natural extension of quality food shelf-life, such as buffalo mozzarella cheese, for the natural dehydration of fruits, and sprayable biodegradable varnishes for the control of spontaneous weeds in vegetable crop protection and flower cultivation.

## Cooperation Profiles 合作简介

**Offer:** Innovation in Packaging, biodegradable packaging and agricultural films obtained from renewable resources and compostable at the end of the useful lifetime. Active packaging, natural packaging for artisan food or minimally processed food.

Examples:

natural films or hydrogels for the protection of quality food such as mozzarella cheese, or for the controlled drying of fresh food such as meat or fruits. Hydrogels made of a mixture of polysaccharides have been applied in the extension of the shelf-life of water buffalo mozzarella cheese, a typical southern Italy product of exceptional nutritional and sensorial characteristics. Dry films based on polysaccharides characterized by permeability behaviours which allow to “naturally” and mildly de-hydrate fruits and meats. Rigid packaging can be obtained from waste fibers collected at the end of the industrial processing line of agro-food productions, such as tomatoes, grapes, chestnuts, olives. This packaging can be used for the sustainable delivery of goods, but also for the substitution of nursery pots in agricultural productions. They are fully biodegradable, and compostable, hence do not pose any environmental burden;

In the area of organic farming, natural sprayable varnishes have been developed, which have the advantage of protect the cultivations and at the end become compost for the soil.

Innovation in recycling technologies for glass and carbon fiber reinforces composites and for expanded polystyrene materials. We offer licence agreements and common research opportunities.

**Search:** ICTP propose to develop with Chinese partners R&D projects and licence agreements. Universities, Research Centers as well as private investors are welcome to undersign agreements for the common development of products and for the exploitation of the proposed technologies on the internal as well as on the international market.

ICTP searches also plastic raw materials or compounds producers for the Italian plastic sectors, to be characterized in order to meet the requirements of Italian users in terms of performance and safety.

## CNR - Istituto per la Protezione delle Piante (IPP)

网址 Web	www.ipp.cnr.it
联系方式	
Contact	f.vinale@ipp.cnr.it
性质 Organisation type	University

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Development and production of new biofertilizers and biopesticides for application in agriculture, public and private parks, golf courses, marine and land reserves etc. The characteristics of these new products are: fully bio and natural, easy and cheap to make, particularly effective, allow elimination of at least 60-70% of the chemical input, allow increase in yield of up to 100%, protection of food from contamination, improvement of soil quality, enzymatic degradation of industrial wastes into novel product, production of organic commodities, etc.. We have available several ready-to-go technology package including all the procedure to make and apply new product lines. Some products are already on the market and can be imported directly from companies that have acquired the licence. We also provide an "integrated approach" to the problem or to defined an improvement. Most of our technology is patented in US or Europe (about 25 patents). Our service consist in implementing our technology or develop new product lines together with the partner (academic or industrial), by using our know-how, providing consultancy and patentable new ideas and products, to quickly access the market. We have already about a dozen product on the market commercialized by our partners in various Countries.

## Cooperation Profiles 合作简介

### **Offer:**

Innovative products based on beneficial microbes and their metabolites, including enzymes, for agricultural and industrial applications, in a variety of the Agri-food and Biotechnology sector, as well as for the protection of the agricultural environment.

### **Search:**

Industrial and academic partners to complement our effort to bring on the market products that reduces our dependence on chemical input.

## INSTITUTE OF SCIENCE AND TECHNOLOGY FOR CERAMIC – NATIONAL RESEARCH COUNCIL (ISTEC-CNR)

网址	
Web	<a href="http://www.istec.cnr.it">www.istec.cnr.it</a>
联系方式	
Contact	<a href="mailto:anna.tampieri@istec.cnr.it">anna.tampieri@istec.cnr.it</a>
单位性质	
Organisation type	RESEARCH BODY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Development of new biomaterials and devices for Regenerative Medicine and for Cancer Therapy and Diagnosis. In particular:

- Bioactive ceramics, calcium phosphates and biomimetic, ion substituted nano-apatites
- Porous ceramic and ceramic/polymeric scaffolds for bone regeneration
- Bioactive, osteoconductive and bioresorbable bone cements for regenerative spinal surgery
- Biologically-inspired synthesis processes: self-assembling/organization/mineralization processes to develop bio-hybrid scaffolds for bone and osteochondral regeneration
- Processing of natural polymers into biomimetic scaffolds for cardiac tissue regeneration
- Superparamagnetic apatite nanoparticles
- Superparamagnetic, biomimetic scaffolds for bone and osteochondral regeneration
- Development of smart drug delivery systems: magnetically-sensitive micro-nanospheres, pH-sensitive

polymeric and hybrid systems

- Wet synthesis, solid state synthesis, hot pressing, hot forging
- Development of stable colloidal systems
- Sintering methods and related phenomena
- Biomorphic processes: transformation of natural sources (e.g. woods) into inorganic bioactive bone scaffolds with hierarchically organized morphology
- Bio-inspired organomorphic processes: development of 3D polymeric scaffolds reproducing the morphology and functionality of stromal / vascular systems of specific organs
- Production of prototypes

## Cooperation Profiles 合作简介

### **Offer:**

Research products

### **Search:**

Partners for research projects

## Consiglio Nazionale delle Ricerche (CNR) Istituto di Tecnologie Avanzate per l'Energia "Nicola Giordano" (ITAE)

网 Web	www.itae.cnr.it
联系方式	
Contact	vincenzo.antonucci@itae.cnr.it
单位性质	
Organisation type	Research body

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

The CNR-ITAE carries out activities aiming at strengthening its role of –hub□ for R&D on energy and transport by its institute. In the energy sector CNR-ITAE works on the development of innovative, highly efficient, low-pollutant technologies and processes. In renewable energies, hydrogen and the fuel cell sector, it has attained international leadership; particularly its contribution to the development and diffusion of fuel cell technology at the industrial level is widely recognized. Synergy between CNR ITAE and enterprises allows to obtain different targets like technological transfer and industry opportunities. The –Centre for Innovation and Technology Transfer□ of the CNR ITAE is a centre for technology transfer and the testing of innovative systems for energy production and conversion. About international scientific collaboration CNR-ITAE maintains active collaboration and research agreement with universities, public research centres and industries. CNR-ITAE is promoter of different joint ventures regarding the use of innovative technologies for energy with companies, public bodies and associations. The research activity is addressed to the study of the synthesis processes and properties of materials, the production of system prototype for mobile and stationary applications and the field test of their high efficiency and low environmental impact.

## Cooperation Profiles 合作简介

### Offer:

The ITAE institute is provided with 18 laboratories supporting research activities:

Lab. 1 - X-ray spectroscopy (XRD, XRF, XPS)

Lab. 2 - Scanning electron microscope (SEM)

Lab. 3 - Synthesis of Electrocatalysts

Lab. 4 - Development of catalysts for hydrogen production from traditional and alternative Fuels (FP)

Lab. 5 - Development of prototypes for hydrogen production from traditional and alternative fuels (FP)

Lab. 6 - Energy Storage and advanced materials (SYS)

Lab. 7 - Solid oxide Fuel Cell (SOFC)

Lab. 8 - Transmission Electron Microscopy (TEM)

Lab. 9 – Materials for selective transport and hydrogen storage

Lab. 10 Polymer electrolyte fuel cells (PEFC)

Lab. 11 - Thermally driven adsorption heat pumps (STI)

Lab. 12 - adsorbent materials (STI)

Lab. 13 - Alternative biofuel production (GTL)

Lab. 14 – Syn gases from industrial and farming by/products

Lab. 15 - Fuel pre-treatment and catalysts synthesis (ByPC)

Lab.16 - Physico-chemical characterization

Lab. 18 - Direct Alcohol fuel cell (DAFC), PEM electrolyzer, Solar Cell

Lab. 19 - Energy system engineering (SYS)

### Search:

Product innovation: FC system design and deployment both for stationary and transport applications,

Research: new electrochemical materials (nanotechnologies), novel FC and batteries design, system engineering

## Knowledge for Business Srl

网址	
Web	www.kforbusiness.it
联系方式	
Contact	f.cocco@kforbusiness.it
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Knowledge for Business (KforB) is a spin-off company of Città della Scienza (who manages the Sino Italian Exchange Event and China-Italy Innovation Forum on behalf of the Italian Government).

KforB has a strengthened know – how in the management of national and international events, fairs and matchmaking events.

Since 2006, KforB's staff is in the management of the exchange and cooperation program between China and Italy – Sino Italian Exchange Event.

Since 2012, KforB's staff is in charge of the matchmaking activities of the China Italy Innovation Forum.

KforB's expertise in managing cross – cultural activities and events led us to supply consultancy services to several Chinese and Italian companies and research centres interested in technology transfer and innovative business in both the Countries.

At present, we provide consultancy services in the following main fields: biotechnologies, environment, smart cities; ICT for cultural heritage and museums.



## Cooperation Profiles 合作简介

### Offer:

- A National network of companies, research centres, media partners
- Consultancy services
- Know – how in Eu financing
- Partnership in national fairs and events

### Search:

- Companies managing international fairs and events in the following fields: biotechnologies, environment, smart cities; ICT for cultural heritage and museums
- Companies supplying services of technology transfer interested in industrial projects between Italy and China

## LINFA scarl

网址	
Web	<a href="http://www.laboratoriolinfa.it/">http://www.laboratoriolinfa.it/</a>
联系方式	
Contact	<a href="mailto:info@laboratoriolinfa.it">info@laboratoriolinfa.it</a>
单位性质	
Organisation type	CONSORTIUM

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

LINFA is a non-profit consortium, established by the will of a group of excellent universities and enterprises operating in the south of Italy in the field of research and technological innovation. The company, as a public-private aggregation, aims to promote business excellence in the field of science and technology, to attract investment in high-tech manufacturing, mutually contribute to the strengthening of technical and scientific skills of the Members, as well as to strengthen the system southern research, nationally and internationally. Its background is based on solid experience technological, industrial, economic and productive, founding partner of which is a direct emanation: it boasts the realization of numerous projects oriented to scientific progress, sharing of applied research, internationalization of higher education and territorial development.

It consists of eight members:

- Santa Rita Srl
- Cosvitec Scarl
- Igea Srl
- ILCOA Srl

- Wild Orange Srl
- Università degli Studi di Reggio Calabria Mediterranea (Dipartimento AGRARIA)
- Mater scarl
- Università degli Studi di Napoli "Federico II"

and is based on many operational strategic pillars that allow it to excel in its main sectors of intervention:

- transfer of technological innovation,
- production and marketing of food products of excellence,
- proposition and implementation of projects of national and international research,
- specialization and training,
- Business consulting and certification of quality systems,
- internationalization of production, processes of local realities,
- dissemination of the opportunities and best practices, through the organization of events.
- social initiatives and programs aiming at developing the Third Sector.

Our Mission: contributing to the enhancement of human resources and the contexts in which they operate through the specialization of professionalism or through the creation of scientific excellence.

Successful projects :

OLITEXT, Improvement of Texture Characteristics of Some European Olive-Fruit Varieties for Table-Olive Purpose, FAIR PROJECT CT-97-3053

PLANTBIOPROTECT. "Development of plant bio-protectants that induce resistance to diseases and can be applied in organic farming

MICRO.FER.OLIV Fermentative microorganisms and new technologies for the production of olives.

## Cooperation Profiles 合作简介

### Offer:

The company, as a public-private aggregation, aims to promote business excellence in the field of science and technology, to attract investment in high-tech manufacturing, mutually contribute to the strengthening of technical and scientific skills of the Members, as well as to strengthen the system southern research, nationally and internationally.

### Search:

- Transfer of technological innovation,
- Production and marketing of food products of excellence,
- Proposition and implementation of projects of national and international research,
- Specialization and training,
- Business consulting and certification of quality systems,
- Internationalization of production, processes of local realities,
- Dissemination of the opportunities and best practices, through the organization of events
- Social initiatives and programs aiming at developing the Third Sector

## LOGIKAMENTE

网址	
Web	www.logikamente.it
联系方式	
Contact	stefano@logikamente.it
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Logikamente is an Italian web software that develops web applications. In recent years, Logikamente finalized a webTV app for student learning, in collaboration with Ferrara University.

## Cooperation Profiles 合作简介

### Search:

☑ joomtv, a web application Joomla component

### Offer:

Offer Know how and skill learning platform, webTV and live streaming. This project could be interesting for Chinese universities.

## LOGISTICS & AUTOMATION CONSULTING SRL

网址	
Web	<a href="http://www.lac-consulting.eu">www.lac-consulting.eu</a>
联系方式	
Contact	<a href="mailto:andrea.ferrara@lac-consulting.eu">andrea.ferrara@lac-consulting.eu</a>
单位性质	
Organisation type	SME

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Logistics & Automation Consulting srl (LAC srl) is a technical and management consulting company and also an Innovative Start Up, founded on the initiative of an academic staff appointed at the University of Modena and Reggio Emilia. Logistics & Automation Consulting srl is an Innovative Start Up LAC addresses to manufacturers, logistics operators and technology providers. The areas of focus include the design and management of production systems, production planning, optimisation and supply chain management, the internal logistics and distribution network, up to the developing and implementation of automation solutions for production and logistics. The continuous updating of skills resulting from the implied affiliation with the academic and scientific world on international level, combined with the ability to understand the operational needs of the industrial context, make LAC the ideal partner for companies that want to be a step ahead of its competitors in terms of effectiveness and efficiency of production and logistics processes. The typical technical/scientific skills of the LAC team, and the ability to use technologically advanced tools of analysis, simulation and optimisation, allow providing the client with credible and objective quantifications in order to better support decision-making tasks, also and above all with a perspective of long-term sustainability.

## Cooperation Profiles 合作简介

### Offer:

- Supply Chain
- Manufacturing & Logistics
- Automation
- Simulation
- Optimization

### Search:

- Supply Chain
- Manufacturing & Logistics
- Automation
- Simulation
- Optimization

## MailUp (NWeb srl)

网 Web	http://www.mailup.com/
联系方 Contact	gorni@mailup.it
单位性质 Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

A complete email/sms delivery solution that combines powerful campaign management tools with SMTP relay and plugins for ecommerce, CRM, and CMS systems. With MailUp companies can send newsletters, transactional emails and SMS to their contacts, easily and professionally.

Problems solved:

- (a) manage large contacts lists (millions)
- (b) easily create professional messages
- (c) send emails in the inbox (not in the spam folder) all around the world
- (d) manage email bounces (errors) automatically
- (e) manage recipient (unsubscribe, updates, preferences...)
- (f) statistics on activity (opens, clicks, device, geo-location) at user level

Usual customer:

SMEs and large companies that have a database of email addresses / mobile numbers (typically prospects, customers, partners, employees) to communicate professionally. Rarely professionals and micro-enterprises (entry level about 300 euro / year).

References

5,400 customers (+200 monthly): including Unicredit, Pirelli, City Hall of Milan, AON, Yamaha, Nespresso, Santander etc.

## Cooperation Profiles 合作简介

### **Search:**

System integrators / Web agency / Software Developers / Digital marketing firms / Ecommerce providers.  
Everyone who already offers to business customers: digital marketing services software (ie. CRM / ERP / eCommerce / CMS / Web / Ecommerce / Marketing)



## MAREA S.C. A R.L.

网址	
Web	<a href="http://www.mareanetwork.eu/">http://www.mareanetwork.eu/</a>
联系方式	
Contact	<a href="mailto:mareascarl@legalmail.it">mareascarl@legalmail.it</a> <a href="mailto:g.varchetta@primazienda.it">g.varchetta@primazienda.it</a>
单位性质	
Organisation type	CONSORTIUM/ASSOCIATION

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

- Research activities and Experimental Development
- Development of Technology Transfer processes
- Industrial and scientific cooperation
- Promotion of scientific and technological expertise
- Promotion of initiatives regarding the growth and international cooperation of its partners
- Organization of workshops, conferences and seminars
- Organizational support for Events and Exhibitions
- Organization of press conferences
- Contacts with the print, radio, television and online media
- Increase the capacity of fundraising organizations
- Constant monitoring of regional, national and Community call
- Agreements with Banks and other credit institutions
- Elaboration of business plans and feasibility studies

- Industry analysis and competitive positioning
- Innovative business start up
- Strategic operational planning activities
- Budgeting and reporting
- Organization, reorganization and business recovery plans
- Management control

## **Cooperation Profiles 合作简介**

### **Offer:**

- Innovative technologies and patents in the areas: biotechnology, nanotechnology, chemical, agrifood, advanced material.

### **Search:**

- Partners to develop and industrialize products, patents and know-how
- Partners to purchase chemical products, active ingredients and other raw materials and semi-finished
- Institutions to organize promotional events, training, dissemination and scientific cooperation

## MONOTRICAT Srl

网址	
Web	<a href="http://www.monotricat.net">www.monotricat.net</a>
联系方式	
Contact	<a href="mailto:luigi.mascellaro@hotmail.it">luigi.mascellaro@hotmail.it</a> <a href="mailto:monotricat@hotmail.com">monotricat@hotmail.com</a>
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

MONOTRICAT Srl is an Italian company that designs an innovative hull, (MONOTRICAT®), international patented, which is characterized by a very hydrodynamic efficiency and high energy saving compared to other types of hulls. The purpose of this new hull architecture is to obtain boats which have: high efficiency, high comfort in navigation, large load capacity; they are adapted to navigate within that range of speed forbidden to other vessels, i.e. between dislocating speed and skimming speed. These results are achieved thanks to a particular conformation of the hull itself which, starting from a thin bow proceeds towards the stern area widening and assuming in its cross-section a catamaran shape with a flat bottom. The forward area is then delegated to the creation of a turbulent wave (spray) whose kinetic energy is converted into pressure energy, and simultaneously the sprays reduce the resistance between the water and the hull. This condition allows a reduction of resistance and friction with respect to the current hulls of over 20%, as measured and scientifically proven by skilled National Institutes of Research and important University Institutes such as: I.N.S.E.A.N. C.N.R. National Research Council - Institute of the Naval Basin of Rome, and Navy Department of UNITS - University of Trieste. These characteristics co-operate for reducing the water resistance, while the accelerated flow of water in the engines area improves efficiency. Also for purposes of

military defence this new hull has advantages thanks to the remarkable stability even in adverse sea and weather conditions that facilitates the ability to search and to point, permits maximum manovrability in restricted waters, less immersion, the use of different engines depending on the use, higher load capacity (platform effect), overcoming the limitations typical of dislocating hulls (the curve of resistance appears to be almost a straight line).

## **Cooperation Profiles 合作简介**

### **Offer:**

NEW HULL INTERNATIONAL PATENT HIGH EFFICIENCY HYDRODINAMIC AND HIGH ENERGY SAVING, FOR TECHNOLOGY TRANSFER AND FOR PRODUCTION BY SHIPYARDS AND FOR PATENT LICENSE AND FRO PATENT ASSIGNMENT.

### **Search:**

- RESEARCH
- COMMERCIAL
- INDUSTRIAL
- INSTITUTIONAL
- SPONSOR
- S&T PARK
- TECHNOLOGY TRANSFER CENTRE
- OTHER (PLEASE, SPECIFY): SHIPYARDS

## Morgan S.p.A.

网址	
Web	www.morganspa.com
联系方式	
Contact	f.russo@morganspa.com
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Morgan S.p.A. was set up in 1997 to provide interactive and below-the-line communication and merchandising services and has recently expanded into software applications development, focussing in particular on interactive web and mobile portal services, as well as on e-government services and applications in the areas of education, food and agriculture, public and private transportation, general services for citizens, export promotion services; In the last years Morgan has developed e-government services for the Italian Ministry of Innovation, for the Ministry of Education and for others business and non-profit organisations.

## Cooperation Profiles 合作简介

### Search:

Research and development of e-Government related software, communication and service solutions, technical and training assistance and system's maintenance. The services and applications will be projected and realized by Morgan on the basis of its technologies and software platforms, which will be adapted to the requirements of the Chinese market on the basis of the effective needs of the reference target, in order to be easily and intuitively used and with a technology that allows to speed up the "time to market"

## NAIS srl

网址	
Web	www.naisengineering.com
联系方式	
Contact	gianmarco.bianchi@unibo.it / gianmarco.bianchi@naisengineering.com
单位性质	
Organisation type	Academic Spin-Off - Private consulting company

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

NAIS provides advanced consulting service in the field of thermo-fluid dynamics/hydraulic simulation aimed to support the design and development of:

- a) reciprocating internal combustion engines (Automotive, Off-road, etc) with focus on intake and exhaust process as well as combustion.
- b) internal combustion engine components (Injection systems, cooling systems, water/oil pumps design)
- c) combustion system development for both Gasoline Direct Injection and Diesel Direct Injection engines with advanced tools.
- d) hybrid powertrain with focus on CFD simulation of battery pack, electronic device, and electric motor cooling systems
- e) Applications involving fluid power and/or cooling and energy optimization
- f) Applications involving phase change.

NAIS provides its consulting services by the application of specific CFD tools to reproduce the

fluid-dynamic/thermal behaviour of the system under investigation allowing to the designer to improve the knowledge of the real system physics.

NAIS offers solutions tuned on customer needs thanks to the know-how developed based on proprietary software tools.

NAIS portfolio includes: Ferrari (Series Production and Racing division), Liebherr GmbH, Magneti Marelli Motor Sport, VM Motori, Lamborghini, Ducati Motor Holding, ISIA.

## **Cooperation Profiles 合作简介**

### **Offer:**

- a) Consulting Services by using advanced simulation tools
- b) Innovation by the application of specific CFD simulation methodologies developed on the basis of customer requirements.



## NEW FA.DEM. S.R.L.

网址	
Web	<a href="http://www.newfadem.it">www.newfadem.it</a>
联系方式	
Contact	<a href="mailto:piodemeo@newfadem.it">piodemeo@newfadem.it</a>
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

The New.FA.DEM. Pharmaceutical and chemical Ltd operates in the pharmaceutical market with a range of products ranging from medicinal to pharmaceuticals, cosmetics and herbal, dietary supplement. It is authorized by the Minister of health to the production of medicinal products for human use with aM-3/2013 and the production of medicinal products for veterinary use with Ministerial Decree No. 29/2010. The New.FA.DEM. Pharmaceutical and chemical Ltd produces in its plant of over 3000sqm several pharmaceutical forms: granules, powders, solutions, drops, creams, and ointments frosts.

## Cooperation Profiles 合作简介

### Search:

- ☒ Partners to develop and industrialize products, patents and know-how
- ☒ Partners to purchase chemical products, active ingredients and other raw materials and semi-finished
- ☒ Institutions to organize promotional events, training, dissemination and scientific cooperation

### Offer:

- ☒ Innovative technologies and patents in the areas: biotechnology, nanotechnology, pharmaceutical;
- ☒ Medicinal, pharmaceuticals, cosmetics, galenic products

## News 3.0 s.p.a.

网址	www.news30.it
Web	
联系方式	daniele.sesini@news30.it
Contact	
单位性质	
Organisation type	Online editor

## Participant Details

### 参会单位简介

News  s.p.a.

## Organisation Details 机构简介

[www.lettera43.it](http://www.lettera43.it)

an online newspaper that in the three years of life has become the first Italian independent newsmagazine (not having a paper source), with over 2.4 million readers per month.

[www.expo2015news.org](http://www.expo2015news.org) a true online newspaper, available in Italian ([Expo2015notizie.it](http://Expo2015notizie.it)) and in English ([Expo2015news.org](http://Expo2015news.org)), that proposes daily articles addressing the different aspect of Expo2015 in Milan

[www.lifestyle43.it](http://www.lifestyle43.it)

The 6 international editions tell the most attentive and curious readers about the wealth of excellences from the European Countries, especially from Italy: from landmark attractions to natural beauties, from the abundance of the wine and food heritage to the creativity in fashion and design, from technological innovation to museum attractions. Each masthead closely follows the main events, fairs and exhibitions, which are internationally relevant; an ideal showcase for any business that wants to do business with Europe.

[www.economiaweb.it](http://www.economiaweb.it)

[www.letteradonna.it](http://www.letteradonna.it)

## Cooperation Profiles 合作简介

**Offer:** 1) We can offer to a primary Chinese web portal the website of Expo2015news available in English (or Chinese), which can be integrated within the navigation structure of the portal, and fully become one of its thematic channels.

2) We will be able to share with the local publisher the opportunities relating to the digital advertising market in China.

**Search:** 1) We are seeking a Chinese partner, in order to give, in partnership with it, Chinese Municipalities and Companies joining Expo 2015 the opportunity to earn a prestigious presence in great showcase Expo2015news.

2) We are asking the partner to share a business plan. Starting from a first phase where we will be able to offer a free visibility to Chinese Businesses and Municipalities. Afterwards, we will be able to monetize the detailed presentation of each Municipality/Company and talk about its history, excellence and distinctive features. The relevant files will be available on both the Italian website and the international web site in English (promoted in all major European countries).

## Istituto Nazionale Tumori di Napoli IRCCS "G. Pascale"

网址	
Web	<a href="http://www.istitutotumori.na.it">www.istitutotumori.na.it</a>
联系方式	
Contact	<a href="mailto:a.manzoni@istitutotumori.na.it">a.manzoni@istitutotumori.na.it</a> / <a href="mailto:clara.balsano@cnr.it">clara.balsano@cnr.it</a> / <a href="mailto:radioterapiav.muto@istitutotumori.na.it">radioterapiav.muto@istitutotumori.na.it</a>
单位性质	
Organisation type	GOVERNMENTAL BODY - RESEARCH BODY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

The program will provide a biological, physical and clinical research about the use of protons in treatment of cancer

### Cooperation Profiles 合作简介

#### Offer:

New particles used in Radiotherapy

#### Search:

Impact of protons in the treatment of cancer

## PLASMAPPS s.r.l.

网址	<a href="http://www.plasmapps.com">www.plasmapps.com</a>
Web	ventola@plasmapps.com
联系方式	
Contact	
单位性质	SME
Organisation type	

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

PLASMAPPS is devoted to provide industries with solutions based on cold plasma technology. Customized industrial plasma processes for modifying the surface of materials and not-standard plasma-reactors (sale, renting, service) are the main products of PLASMAPPS.

The mission is to help companies to develop new surfaces on materials by providing customized low temperature plasma processes and plasma reactors compatible with their industrial needs.

The group is particularly skilled in scaling-up surface-modification plasma processes and reactors for companies in Italy and abroad.

## Cooperation Profiles 合作简介

**Offer:** detaching coatings for moulds; diamond-like coating for jewellery; stain resistant and flame-retardant coatings.

**Search:** industrial partners to offer our cold plasma industrial applications and develop business deal.

## Politecnico di Milano

网址	
Web	<a href="http://www.greenmove.polimi.it/web/guest/progetto">http://www.greenmove.polimi.it/web/guest/progetto</a>
联系方式	
Contact	<a href="mailto:sergio.savaresi@polimi.it">sergio.savaresi@polimi.it</a>
单位性质	
Organisation type	UNIVERSITY

## Participant Details

### 参会单位简介



POLITECNICO  
DI MILANO

Fondazione  
Politecnico  
di Milano



## Organisation Details 机构简介

Green Move ( GM ) is a sustainable mobility project developed by the Politecnico di Milano and financed by Regione Lombardia, with the aim of developing and testing a new system of car sharing with electric vehicles for Milan area.

Green Move aims to innovate the design of existing sharing services , through an open and dynamic logic , based on standardization, interoperability , multi -business. GM in fact exceeds the design of services to single manager, allowing the entry of various operators of car-sharing and corporate fleets , down to the individual user who wants to share their car (peer -to-peer social vehicle sharing) . All supported by an architecture technology that allows any vehicle to integrate the offer Green Move.

The results that the Polytechnic is to seek cover both the technological aspects (in particular, the equipment of the vehicle and the booking system and management), that the economic ( financial sustainability of car sharing ) , and those of social innovation ( for example, the identification of contexts and significant groups of users and their services). Also planned is an experiment to analyze concretely the needs and services of a car sharing service "dedicated" .

## **Cooperation Profiles 合作简介**

**Offer:**

**Search:**



## POLO TECNOLOGICO DI PORDENONE SCPA

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Web	
联系方式	<a href="mailto:franco.scolari@polo.pn.it">franco.scolari@polo.pn.it</a>
Contact	
单位性质	
Organisation type	RESEARCH BODY-CONSORTIUM/ASSOCIATION

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Polo Tecnologico is an incubator of potential entrepreneurs and therefore of business ideas and provides tools, skills and resources to assess the technological feasibility, commercial and economic, but above all is an incubator of innovative enterprises that offer services and support for project management, for development of technology studies for the improvement of products (reducing time and costs) for the identification of financing instruments and more. **The main shareholders are the Region Friuli-Venezia Giulia , the Pordenone Chamber of Commerce and the Province of Pordenone .** The Technological Pole of Pordenone wants to promote a culture of innovation and, in coordination with other actors of the regional innovation system, supporting the competitiveness of enterprises in the province of Pordenone.

**Polo Tecnologico di Pordenone** has participated in several EU funded projects, from purely research and development projects, in which Polo acted as project coordinator, to strategic projects or projects aimed at transferring innovation methodologies and best practices to institutions or enterprises. Projects that took advantage of Polo's expertise in technology transfer and in promoting the growth of networks between the manufacturing sector and the knowledge poles: INTERREG Italy- Slovenia 2007-2013 project KNOW US, co-financed by the Cross-border Cooperation Programme, which dealt with Co-generation of Competitive Knowledge among Universities and SMEs

## Cooperation Profiles 合作简介

**Offer:** We offer a large number of hi tech solutions and companies to transfer in the Chinese market and a great know how to manage process of JV and partnership between SME's, corporations and institutions.

## Pole for Sustainable Mobility – POMOS Sapienza University of Rome & DINESTO

### Srl Drive the Innovation in Energy Storage

网址	
Web	<a href="http://www.pomos.it">www.pomos.it</a> / <a href="http://www.dinesto.jimdo.com">www.dinesto.jimdo.com</a>
联系方式	
Contact	<a href="mailto:gianluca.fabbri@pomos.it">gianluca.fabbri@pomos.it</a>
单位性质	
Organisation type	UNIVERSITY - SME

### Participant Details

#### 参会单位简介



POLOMOBILITÀ SOSTENIBILE  
Regione Lazio



### Organisation Details 机构简介

#### POMOS Pole for Sustainable Mobility

POMOS is a multidisciplinary research and education center in sustainable mobility in Italy within the University of Rome "Sapienza" and financed by the Italian Ministry of the Environment and by the Region of Lazio.

POMOS focuses its mission on providing worldwide dissemination of technical knowledge by means of actively responding to the needs of clients and partners by involving its faculty, staff, and researchers in pursuing cutting-edge research in order to promote the start-up of an industrial district specialized in the areas of sustainable mobility, energy and environment.

POMOS acts as a connection point for the interaction of different subjects (Academia, industries, Regional Governments, Municipalities, Public administration), which constitute a network of subjects interested in the sector of sustainable mobility.

The main aim of POMOS is to transfer knowledge from the academia to the industries, stimulating the small and medium enterprises involved in the innovative sector of Ultra Low Emission Vehicles (ULEV) and Zero Emission Vehicles (ZEV) to cooperate among them: the academia furnishes its studies and its experience,

the industries their equipments and skills. In this way POMOS intends to give an answer to the demand of technological research and innovation and the shifting of knowledge to industries and institutions, the development of prototypes and the commercialization of the final product.

At present POMOS has a network of more than 160 contacts among institutions, associations, industries, foundations etc. and has already stipulated an agreement with many of them. Among them there are 58 small or medium enterprises and 8 large companies operating in key sectors as electronics, electro mechanics and information and communication technologies, which have seen in POMOS the opportunity to being supported in their industrial activities.

The R&D activities, mainly focused on advanced hybrid and electric propulsion and energy storage systems, advanced engines for reduced fuel consumption and emissions, intelligent transportation and vehicular communication systems, vehicle chassis systems, have already yielded to the realization of various ULEV and ZEV prototypes, in collaboration with our partner companies.

These prototypes are characterized both by a very high technological level and a typical "made in Italy" design emphasizing the Italian quality and taste.

POMOS carry on a large number of activities, with can be grouped in 6 main categories:

1. Research and Development/Technological transfer
2. Education
3. Technical-scientific support to institutional decisional centers
4. Test/certification, verifications on products and results
5. Communication (Observatory, magazines)
6. Financing. Support to SMEs in public founding proposal

### **DINESTO – Drive the Innovation in Energy Storage**

Dinesto is an academic Spin-Off born by the idea of merging the competences of different research groups of University of Rome La Sapienza, Enea and CNR.

The main objective of Dinesto is to improve technologies developed and patented within research programs in the energy's and auto-motive's field and also for the energy storage in Lithium-ion batteries.

Dinesto supports the activities of production and services companies which work in the following areas:

- Energy storage systems
- Energy and power devices for the traction for electric or hybrid vehicles and its charging system
- Stand-alone system for the energy production from renewable source
- Smart grids

### **SERVICES**

Dinesto works mainly in the field of lithium batteries and it offers services which aim to enhance the batteries's performances, they include start materials, semi-finished and finished material characterization (from single cell to battery modules) and their integration and management in different operating system.

Dinesto is able to provide the following services:

Nanostructured electrode materials

Development of nanostructured electrode materials at the pre-industrial phase for the lithium ion batteries production. Development of improving solutions for the existing technologies trough the integration and the transfer of the results of scientific research to the companies.

Product and Process innovation

Qualified assistance for all the activities that concern production and process innovation in the energy storage field and their optimal handling in traction systems, in charging networks and energy and power devices.

#### Battery Management System

Development, setup and production of custom control systems, management and protection of the batteries (BMS).

Service activities for the qualified characterization of materials and components in lithium-ion battery system.

#### Training

Training of specialized technical staff in the production, assessment and usage of energy storage in energy and power devices.

#### PRODUCTS

Production processes of cathode materials  $\text{LiFePO}_4$

Production through patented technology of cathode material of high purity and controlled crystal size containing carbon to give the exact electric conductivity between the particles of the material.

### Cooperation Profiles 合作简介

#### Offer:

Technological transfer in Energy and Automotive

BMS, Battery cathodes, Hybrid and Electric vehicles prototypes, Charging Stations,

#### Search:

Batteries manufacturers, Innovation in energy and transport related technologies, participation in R&D programs

## PriGen Srl

网址	
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联系方式	
Contact	g.tonon@pri-gen.it
单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Main research area:

- Research and development of topical drug delivery solutions
- Recombinant therapeutic proteins site-specifically and enzymatically conjugated
- Peptides drugs and its site-specific conjugated derivatives
- FAB and pegylated derivatives.

### Products:

PriGen developed Gen-Hyal a new line, of cosmeceutic products based on hyaluronic acid.

The most important features of the Gen-Hyal line are:

- High active ingredients content
- Innovative formulation approaches
- Simplified formulation and consequently low INCI components number (according to the new philosophy as well as company mission of "essential composition")
- Safe non allergenic

The company has an approved production site by Scientific and Technological Park of Pula (CA) in Sardinia

(UNI-ISO 22716 and UNI-ISO 13485 approval in progress).

Technologies:

#### TOPICAL DRUG DELIVERY

An important area of research concerns topical drug, formulated by new technologies of aimed to improve dermal absorption and/or trans-dermal permeation. On this contest PriGen developed a new liposome-like technology called Glycosomes (Italian Patent n. 0001398268; Patent Application: US 13255144; EP 210711328; JP 2011553337. These new phospholipids based vesicles may be used to formulate topical hydrophilic gels suspensions and represents a promising strategy for topical drug delivery. PriGen tested in vitro skin permeation properties of a number of topical drugs (NSAIDs, Acyclovir, Lidocaine etc.) formulated as Glycosomes/gels, showing the interesting skin enhancer properties of this vesicular system.

#### Cooperation Profiles 合作简介

**Offer:** Glycosomes a new drug delivery thecnology.

## REPUTATION MANAGER SRL

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Contact	
单位性质	SME
Organisation type	

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

#### Services to Companies and Brand

##### **Brand Reputation Monitoring**

Analysis and monitoring of online reputation of brands, products and services across all channels of the web, semantic analysis with a proprietary software able to detect content online.

##### **Reputational engineering**

Building online reputation and digital identity in the network through the creation of content ad hoc, pages and channels and re-engineering techniques of search engines.

##### **Crisis Management**

Strategic action plan for online issues and crisis management, monitoring intervention in the channel.

##### **Social CRM**

Target profiling within the pages of social network and CRM management supported by a web-based platform.

##### **Identificazione Social Influencer**

Identification of those most influential person on the web in the field of interest of the brand, aimed at actions engagement or market research.



### ***Engagement***

Identification of power users more active to brand in social contexts and creating a portfolio of contacts aimed at actions of engagement.

### ***Customer Care Online***

Online survey on the company's services in support of customer care.

### **Brand Protection**

Protection of digital brands, counterfeiting, trademark infringement.

## **Cooperation Profiles 合作简介**

### **Offer:**

#### **Services to Companies and Brand**

##### ***Brand Reputation Monitoring***

Analysis and monitoring of online reputation of brands, products and services across all channels of the web, semantic analysis with a proprietary software able to detect content online.

##### ***Reputational engineering***

Building online reputation and digital identity in the network through the creation of content ad hoc, pages and channels and re-engineering techniques of search engines.

##### ***Crisis Management***

Strategic action plan for online issues and crisis management, monitoring intervention in the channel.

## Ruralhub s.r.l.

网址	
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单位性质	SME
Organisation type	

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

The Ruralhub is the main node of the network of researchers, activists, scholars and managers who deal with new models of economic development to find solutions to social needs and market conditions that emerge from the business world of rurality. The search path of RuralHub is aimed to creating a model of business incubation rural capable of putting in agricultural startupper connection with the world of venture capital, always more interested in the development of a new model of sustainable food system.

The RuralHub is:

- Shared place of life (Coliving) and work (Coworking)
- Permanent center for studies and research on social innovation applied to the countryside.

## Cooperation Profiles 合作简介

**Offer:** RURAL HUB is an incubator offering to its startups innovative promotion services and training. Rural Hub studies new models of economic development to find solutions to social needs and market conditions.

**Search:** cooperation with research and commercial partners in the food system, focused on economy (new models of production, distribution and promotion of food)

## Santa Rita Srl

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Contact	
单位性质	Small Company
Organisation type	

### Participant Details

#### 参会单位简介

### Organisation Details 机构简介

Santa Rita srl has been working since 1976 on fresh national products – such as olives, vegetables and fish – in order to produce both canned and semicanned vegetable and fish.

We only manufacture the semiprocessed goods produced in our factory and the olive oil we use is of exclusive national origin. The company operates both on the domestic and foreign markets – the foreign share is more than the 25% of the total sales proceeds – mainly with business brokerage firms and big brands from the large-scale retail trade with which it keeps a ten-year business relationship and for which it produces in private label and/or using its own registered trademarks. Santa Rita has a middle-high ranking position on the market with its national natural product and/or from organic farming with a high value added.

Canned and semicanned foods are the Santa Rita's product line called "Tra Sole e Terra".

Tomatoes, olives, chill peppers, onions, peppers and aubergines are bought fresh for the production of table olives, traditional canned foods and dressings.

The anchovies, red tuna, bottarga and tuna ventresca used in the production of our fish preserves are

bought in the local Calabrian and Sicilian market.

Our factory cooperates with prestigious academic personalities to carry out research programs whose aim is the development and the improvement of new products/processes.

### **Cooperation Profiles 合作简介**

**Offer:** SResearch is proposed as Company research and advisory services for all small and medium-sized enterprises in the agro-industrial complex. The aim is to introduce new solutions to improve the product or production process, without disrupting business processes, culture, technological and operational experience, but framing and managing quality through a process of continuous improvement, gradual and progressive.

The need to operate in a constantly changing market forces companies to not recline market positions conquered but, instead, to seek to continuously improve the services or products offered.

**Search:**

The research division is involved in research and development programs for the foodstuff innovation in all the agrifood sectors. Processing and packaging innovation, with the use of technical programs to transfer to customers, leads to a better quality of finished product which will be standardized, with high hygienic, nutritional and organoleptic quality, with an increased shelf-life.

The research division makes use of prestigious universities and research collaboration.

## SAPIENZA: University of Rome

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Contact	
单位性质	
Organisation type	UNIVERSITY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

The Department of Management of the University of Rome Sapienza carries out teaching, scientific research, applied research and training post-graduate/executive in the field of business disciplines, with particular reference to the following areas:

- Business Management;
- Banking & Finance;
- Commodity Science.

Mission of the Department of Management is the production and dissemination of innovative knowledge and managerial culture, financial, technological, for the promotion of economic and social progress.

Areas of research prevalent

- Policies for Agricultural and Rural Development
- Organic Farming
- Sustainability of production processes in the agricultural sector
- Corporate Social Responsibility agricultural and agri-food
- Ethics supply

## Experimental Medicine Department, University Sapienza of Rome

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单位性质	
Organisation type	UNIVERSITY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Application of photoacoustic and photothermal techniques to evaluating of some bioactive compounds present in plant foods which possess high human health value. These molecules can also constitute markers for ripening of fruits and vegetables. Application of above techniques for food safety.

Application of photothermal and photoacoustic technique in the evaluation of some gases of medical and industrial and security interest.

Application of above technique to the monitoring the environmental contaminants.

### Cooperation Profiles 合作简介

#### Offer:

- New technologies to quickly obtain important data in monitoring sectors such as, agrifood, environmental, health and security
- Educational and scientific exchanges

**Search:**

- Industrial and commercial companies/partners to develop portable instrumentation to be applied directly in the different fields above described
- Institution/research to educational and scientific exchanges

## SORRISO S.C. A R.L.

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Web	
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Contact	sorrisoscarl@legalmail.it
单位性质	
Organisation type	CONSORTIUM/ASSOCIATION

### Participant Details

#### 参会单位简介

### Organisation Details 机构简介

Research activities and Experimental Development  
Development of Technology Transfer processes  
Industrial and scientific cooperation  
Promotion of scientific and technological expertise  
Promotion of initiatives regarding the growth and international cooperation of its partners  
Organization of workshops, conferences and seminars  
Organizational support for Events and Exhibitions  
Organization of press conferences  
Contacts with the print, radio, television and online media  
Increase the capacity of fundraising organizations  
Constant monitoring of regional, national and Community call  
Agreements with Banks and other credit institutions  
Elaboration of business plans and feasibility studies  
Industry analysis and competitive positioning  
Innovative business start up  
Strategic operational planning activities



Budgeting and reporting  
Management control  
Organization, reorganization and business recovery plans.

### **Cooperation Profiles 合作简介**

**Offer:** Innovative technologies and patents in the areas: biotechnology, nanotechnology, pharmaceutical; Medicinal, pharmaceuticals, cosmetics, galenic products

**Search:** Partners to develop and industrialize products, patents and know-how. Partners to purchase chemical products, active ingredients and other raw materials and semi-finished. Institutions to organize promotional events, training, dissemination and scientific cooperation.

# Stelnet.com – Innovatori Associati

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联系方式	gv@stelnet.com
Contact	
单位性质	SME
Organisation type	

## Participant Details

### 参会单位简介



**ITALEY BUREAU** [stelnet.com](http://stelnet.com)

**Centrale Export**  
Since 1986 associated manufacturers and suppliers of italian quality products

**ExportAGILE**

**ITALIA DEGLI INNOVATORI**  
Supporto alle imprese innovative e all'export

## Organisation Details 机构简介

STELNET is the delegated representative to China for different Italian companies and incubators. Our technology offer include revolutionary products and solutions spacing from industrial electronics to new energy, smart city solutions and medical/pharmaceutical related innovations.”

## Cooperation Profiles 合作简介

**Offer:** the following technologies:

1. High Concentrating Photovoltaic (HCPV) System: The ultimate 20 m2 tracking array rated at 6.2 KW/h of peak power is the solution dedicated to utility scale solar plants for the high DNI areas. The combination of high efficiency module based on high efficiency patented optical train, a reliable and highly accurate 2-axis tracking system, a sophisticated passive thermal management solution allows superior temperature performance and increased energy generation in hot climate regions. ST-0020 annual kWh production ratio can be 45% higher compared to traditional silicon PV.
2. Precision software controlled gas mixer that can be used in the following fields: Research and Development, Life Science, Analysis, Food and Beverage, New Materials (Deposition), Test and Measurement.

3. Nadir Technology – Electronic Nose for Environmental Air Quality Monitoring. NADIR is a compact size, transportable and battery powered unit for air quality control and monitoring. The system is based on a 8 QMB (Quartz Microbalances) coated with different polymer films. When a particular substance is absorbed into these films the weight of the films grows and the QMB changes his oscillation frequency. Features: Ultra Low Power (15 days of operation without battery recharge); 2 micro SD on board for data recording; Real Time Operation; Rechargeable Li-Ion battery 3000 mAh.
4. FCHR-Hydrocavitator Technology. Fluid foods pasteurizer and homogenizer based on Centrifugal Hydrocavitation Reactor. In FCHR project we have developed of an integrated.

## Department of Arts and Humanities of the Second University of Naples

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单位性质	University
Organisation type	

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Research activities aimed at analyzing cities' ecosystems in the long-term, especially as concerns alternative energy sources, the uses of water resources and urban mobility.

The main objective of these researches is to study the dynamics of past and present urban development to find new ways of governance for the future.

The resulting objective is to study solutions that can help policy makers to manage the challenge that we face regarding the city: how to manage sustainably the flow of materials, water and energy that confront urban areas daily producing waste and pollutants.

My own research on renewable energies have been employed in the RENEW project promoted by the Region of Tuscany, aimed at creating networks for the transmission of innovations among small and medium-size industrial factories.

Selected publications:

*Impatti economico-ambientali della diffusione di impianti di biomasse, fotovoltaici e minieolici, RENEW,*

Renewable Energy Network, Docup Ob. 2, Anni 2000-2006, Regione Toscana, 2011;

Entry «*Intermodal Transportation*», in Nevin Cohen (ed.), *Green Cities. An A-to-Z Guide*, Sage Publications, 2010 (The SAGE Reference Series on Green Society: Toward a Sustainable Future-Series Editor: Paul Robbins);

Entry «*Renewable Energy*», in Nevin Cohen (ed.), *Green Cities. An A-to-Z Guide*, Sage Publications, 2010 (The SAGE Reference Series on Green Society: Toward a Sustainable Future-Series Editor: Paul Robbins);

Entry «*Steady State Economy*», in Nevin Cohen, Dirk P. Philipsen (eds), *Green Business. An A-to-Z Guide*, Sage Publications, 2010 (The SAGE Reference Series on Green Society: Toward a Sustainable Future-Series Editor: Paul Robbins);

*Salting Fresh Waters. Industries, Tourism and the Environment on Tuscany's Central Southern Coast*, in "Storia e Futuro", 29/2012;

*Transport and the Environment in Italy (1950-2006)*, in "Economics and Policy of Energy and the Environment", 2/2012, pp. 219-244

## Cooperation Profiles 合作简介

**Offer:** Research products (conducted also in collaboration with other European universities as the Technische Universität Berlin ) designed for policy makers interested in the study and application of new policies to manage the processes of urbanization by administrative decisions that aim at raising the quality of life (and, consequently, the environmental standards) in urban centers.

**Search:** Research institutes, universities, institutional actors who produce research in the field of environmental policies aimed at improving urban environmental standards. In particular, I am interested in research aimed at studying a possible integration of cultural heritage within the policies of environmental protection.

## Department DICDEA of the Second university of Naples

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Contact	
单位性质	University
Organisation type	

### Participant Details

#### 参会单位简介



#### Organisation Details 机构简介

The Department, DICDEA created since 2012 unifying the Department of Civil Engineering (DIC) and the Department of Industrial Design, Environment and History (IDEAS), is mainly operative in the Civil Engineering, Design, Building and Environment (DICDEA) fields.

Strategic areas are: Civil Engineering, Building Engineering, Environmental Engineering and Industrial Design. For each area, Bachelor's and Master of Science Courses have been activated.

The design competences develop research projects focused Made in Italy excellence promoting the design culture at whole.

The Department DICDEA as part of the "Fabbricabianca" project about the creation expertise network to promote connections between business and design. The project supports the local enterprises to launch innovative design processes for the development and promotion of new economies. The "Fabbricabianca" laboratories increases the development of innovative systems and processes in sustainability way. The researches and design projects are in specific areas: product design, service design, communication design, energy and automotive design, cosmetic design, design for domestic appliances, social design, fashion and textile design.

## Cooperation Profiles 合作简介

### Offer:

The Department with its resources and its research laboratories are able to offer the following services :

- Formulation of scenarios of innovative products and services;
- Design of new lines of products and "eco-oriented" services;
- Re-design of existing products and services;
- Design in the field of Fashion and Textile Design;
- Design of strategies in the processes of integration of cyclic systems waste / resources;
- Design of new systems for cosmetic products;
- Packaging design;
- Agri - food design;
- Definition of communication strategies and ethic branding.

### Search:

The main objective of our participation to the Forum is to identify public-private partners in the fields of research, industry, education, to develop programs and projects in the areas of Industrial Design and Fashion and Textile Design in a perspective of sustainable innovation .

In particular we seek :

- ☒ Companies interested in consulting services for product design and innovation services;

Research centers for the development of joint research projects , exchange of researchers and collaborations ;

- ☒ Universities and colleges with which to develop educational projects of cooperation, exchanges of teachers, student exchanges.

- ☒ Centers for "technology transfer" to develop joint projects specifically for the Chinese market.

## Dept. of Environmental, Biological and Pharmaceutical Science and Technology of the Second University of Naples

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单位性质	
Organisation type	UNIVERSITY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

- Life science research on terrestrial and marine communities in Mediterranean, tropical and polar environments;
- Environmental protection studies on different biological communities;
- Biotechnological studies on bacteria, fungi, diatom and other microalgae;
- Applied Biomimetic researches on diatoms and other marine microorganism (mainly using state of the art field emission scanning electron microscopy techniques);
- Design studies from biomimetic approaches for devices, new materials and innovations for smart cities.



## Cooperation Profiles 合作简介

### Offer:

- Changes of results from basic and applied researches;
- Scientific results and technological transfer in the field of life science, environmental and protection researches, industrial design and new materials.

### Search:

- Result interchanges and collaborations in the field of:
  - Life science research;
  - Polar research (Antarctic and Arctic);
  - Biomimetic studies;
  - Electron microscopy researches;
  - Technological transfer of biomimetic principles in industrial devices and new materials

## Dept. of Experimental Medicine of the Second University of Naples

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单位性质	
Organisation type	UNIVERSITY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

The Department of Experimental Medicine includes preclinical and clinical disciplines, all perfectly integrated and culturally joined. The Department is organized into different divisions that represent the different basic expertise but the system encourage and stimulates transversal and interdisciplinary research following the natural evolution for biotechnological, biomedical and pharmaceutical sciences towards the clinical approach. The Department of Experimental Medicine includes the following divisions: Human physiology and Integrated biological functions and Histology "F. Bottazzi, Pharmacology "L. Donatelli", Microbiology and Clinical Microbiology, Biotechnology and Molecular Biology "A. Cascino" and Occupational Medicine and it also includes a number of laboratories, equipped with modern and complex instruments.

Several research projects have been financed and more than 250 scientific papers have been published in the same period on international journals with impact factor.

At the Department of Experimental Medicine is active a PhD course in Translational Medicine. Currently at the Department are affiliated the Clinical Operative Units of Virology and Microbiology and Clinical Bacteriology of the Health Care Department of the Laboratory services of Clinical and Molecular Medicine;

the Regional Centre of Pharmacological surveillance and Pharmacoepidemiology (regional reference centre) and the Clinical Operative Units of Clinical Pharmacology and Clinical Toxicology, Clinical Pharmacy, Sport pathophysiology, Sport Medicine of the Health Care Department of Sanitary services. The Department of Experimental Medicine represents a model of coordination among teaching, research and health service. Since 2012 the Department is directed by Prof. Liberato Berrino.

### **Cooperation Profiles 合作简介**

**Offer:**

Several molecules such as selective CB2 ligands or bifosfonate compounds for treating pain. NOP receptors agonists potentially useful in respiratory diseases.

**Search:**

Companies and/or Research Centers interested in the results of our studies and willing to support future research with its potential clinical applications.

## Dept. of Medicine and Surgery " F. Magrassi - A. Lanzara" of the Second University of Naples

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单位性质	
Organisation type	UNIVERSITY

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Synthesis and characterization of small molecules to be used as immunomodulant agents and/or adjuvants. Deep characterization of immune response by resolving TCR and BCR, as well as cytokine production. We have set the technology to monitor immune responses. This approach allows to follow the immune responses after an antigen stimulation, in vitro as well as using in vivo model. By this technique, we may also monitor patients with immune-mediated diseases and patients undergone transplantation. We have also discovered and patented a number of marine compounds that we have shown able to modulate immune responses in vitro and in vivo.

## Cooperation Profiles 合作简介

### **Offer:**

Know how and a number of small molecule already characterized and patented for structure and function, and available to be synthesized. Possibility to test other products to check their possible ability to affect immune responses.

### **Search:**

Companies and/or Research Centers to fully develop our products.

## Department DICDEA of the Second university of Naples

网址	http://www.dicdea.unina2.it/
Web	
联系方式	Mariaantionietta.sbordone@unina2.it
Contact	
单位性质	University
Organisation type	

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

The Department, DICDEA created since 2012 unifying the Department of Civil Engineering (DIC) and the Department of Industrial Design, Environment and History (IDEAS), is mainly operative in the Civil Engineering, Design, Building and Environment (DICDEA) fields.

Strategic areas are: Civil Engineering, Building Engineering, Environmental Engineering and Industrial Design. For each area, Bachelor's and Master of Science Courses have been activated.

The design competences develop research projects focused Made in Italy excellence promoting the design culture at whole.

The Department DICDEA as part of the "Fabbricabianca" project about the creation expertise network to promote connections between business and design. The project supports the local enterprises to launch innovative design processes for the development and promotion of new economies. The "Fabbricabianca" laboratories increases the development of innovative systems and processes in sustainability way. The researches and design projects are in specific areas: product design, service design, communication design, energy and automotive design, cosmetic design, design for domestic appliances, social design, fashion and

textile design.

## Cooperation Profiles 合作简介

### Offer:

The Department with its resources and its research laboratories are able to offer the following services :

- Formulation of scenarios of innovative products and services;
- Design of new lines of products and "eco-oriented" services;
- Re-design of existing products and services;
- Design in the field of Fashion and Textile Design;
- Design of strategies in the processes of integration of cyclic systems waste / resources;
- Design of new systems for cosmetic products;
- Packaging design;
- Agri - food design;
- Definition of communication strategies and ethic branding.

### Search:

The main objective of our participation to the Forum is to identify public-private partners in the fields of research, industry, education, to develop programs and projects in the areas of Industrial Design and Fashion and Textile Design in a perspective of sustainable innovation .

In particular we seek :

☒ Companies interested in consulting services for product design and innovation services;

Research centers for the development of joint research projects , exchange of researchers and collaborations ;

☒ Universities and colleges with which to develop educational projects of cooperation, exchanges of teachers, student exchanges.

☒ Centers for "technology transfer" to develop joint projects specifically for the Chinese market.

## Trisaia Research Centre

网址	
Web	<a href="http://www.trisaia.enea.it">www.trisaia.enea.it</a>
联系方式	
Contact	<a href="mailto:giacinto.cornacchia@enea.it">giacinto.cornacchia@enea.it</a>
单位性质	Research body
Organisation type	

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

### RECYCLING PLANT FOR RUBBER TYRES

ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development) over the last twenty years or so, have studied gasification of waste and biomass and developed several pyrolysis and gasification plants at pilot scale at its Research Centre Trisaia ([www.trisaia.enea.it](http://www.trisaia.enea.it)). The proposed pilot plant is able to recover both energy and activated carbons from waste rubber tyres. At present, process has been developed and tested jointly by SICAV and ENEA on a pilot scale while further development is necessary for industrial scale applications. A research project entitled "Development of a combined process and construction of a pilot plant for the production of activated carbon and synthesis gas from waste materials by pyrolysis and steam reforming " funded by the Italian Ministry for Scientific Research which allowed to define the points listed below, has been developed:

- Optimization of operating parameters to be used for the production of activated carbon from waste tires and any residual biomass (poplar and palm nut shells)
- Production of syngas with high hydrogen content.

Technical and economic feasibility studies of an industrial plant meant to produce activated carbon



and energy from biomass and tyres, have also been conducted.

### Cooperation Profiles 合作简介

**Offer:** ENEA and SICAV offer

- Technical knowledge relevant to the proposed pilot plant able to recover both energy and activated carbons from waste rubber tyres;
- Technical and economic feasibility studies of an industrial plant to produce activated carbon and energy from biomass and tyres; have also been conducted.
- Availability of the pilot plant built at Trisaia Centre to conduct further research activities.

#### Description 简介

##### RECYCLING/RECOVERY OF RARE EARTHS METALS FROM WASTE

Multi-purpose Rare Earths pilot plant is able to perform separation and purification of metals. The main feature of the system is its flexibility which makes it possible to study different processes. The system has been designed to work in the range from 100 to 500 kg of enriched ore to "batch" and produce highly purified Rare Earths up to the order of kilograms per day. It is equipped with two batteries of 100-stage mixer-settlers each. One glass battery of 100 stages with a volume of 0,7 litres for stage; one fibreglass battery of 100 stages with a volume of 10 liters each stage. Research laboratory equipped with a battery bench scale and an analytical laboratory to support research activities is associated with the plant.

Our ongoing research programs are focused to recover rare earths from minerals and waste (catalysts, magnets, WEEE, etc.).

# UGC

网址	www.umbertogabriele.it
Web	
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单位性质	
Organisation type	SME

## Participant Details

### 参会单位简介

## Organisation Details 机构简介

Digital Marketing, Fashion & Apparel.

## Cooperation Profiles 合作简介

### Offer:

Fashion New Talents Made in Italy  
Showroom online for fashion buyers

### Search:

Information database and contacts of chinese multibrand stores.  
Legal advisory.

## Description 简介

Intelligent fertigation&aerate automation precise irrigation system can control micro-nano bubble generator, fertigation equipment, intelligent fertigation control system and drip irrigation system combinedly. Intelligent decision-making about opening and closing of micro-nano bubble generator and fertigation equipment depends on the sensor feedback datum. Fertigation and aerate are coupling in the process of irrigation to carry out agricultural fertigation intelligent, precise and automation. Using this system also can reduce the labor intensity of agricultural production, finally realizes the purpose of saving water and fertilizer, increase production and income. System has been developed two types of new systems and suitable for field crops, greenhouse vegetables, can also according to the specific requirements of use area develop new system rapidly meet the demand. It is a wide versatility product, easy installation and use.

The characteristics of this product is pioneering the micro-nano bubbles into irrigation system to solve the problem of oxygen in irrigation water stay time is short. Add oxygen drip irrigation compared with the traditional irrigation can promote the growth of roots, and improve crop production. Compared with the traditional irrigation fertilization, for agricultural production can be achieved using this product can save 50% of irrigation water, saving fertilizer 30%, increased production by 20%. Through the golden bridge

engineering support ,the company will take demonstration and promotion about this product. Demonstration

sites in China agricultural university tongzhou experiment station , in Beijing Tongzhou international seed

industry science and technology park. The company is planning to establish demonstrative fields 10 mu.

Promotion, in Beijing and surrounding areas are extended to 100 mu.

## Alma Mater Studiorum – Università di Bologna

网址	
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单位性质	
Organisation type	UNIVERSITY

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Education, research and technology transfer.

## Cooperation Profiles 合作简介

### Offer:

- Doctoral Programmes
- Mobility of students, Phd students and researchers
- Joint research and innovation projects (with universities, research centres and companies)
- Joint laboratories
- Research infrastructures
- Technology Transfer (patenting, licensing, spinoffs)
- Networking

### Search:

- Doctoral Programmes
- Mobility of students, Phd students and researchers
- Joint research and innovation projects (with universities, research centres and companies)
- Joint laboratories
- Research infrastructures
- Technology Transfer (patenting, licensing, spinoffs)
- Networking

## University of Brescia (Università degli Studi di Brescia)

网址	
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单位性质	
Organisation type	University

## Participant Details

### 参会单位简介



## Organisation Details 机构简介

Born officially in 1982, today the training offer of the University of Brescia is an altogether 25 degree courses, 4 degree courses to single cycle, 17 degree courses, 3 University master, 42 specialisation schools and 23 doctoral courses, with administrative offices at the Università degli Studi di Brescia. The student population is currently about 14,000 subscribers, while the teaching staff consists of professors of 565 first and second categories and researchers. The University of Brescia has always been committed to the promotion of eco-solidal behavior and welfare and undertakes the project idea helping engineering aspects, with ICT, economical-social, medical and legal. The research activities is organized within eight Departments:

- Department of Information Engineering;
- Department of Mechanical and Industrial Engineering;
- Department of Civil Engineering, Architecture, Mathematics, Environment and Territory;
- Department of Law;

- Department of Economics and Management;
- Department of Clinic and Experimental Sciences;
- Department of Molecular and Translational Medicine
- Department of Medical-Surgical Specialties, Radiological Sciences and
- Public Health.

## Cooperation Profiles 合作简介

**Offer:** Education and training

- Research
- Innovation
- Technology transfer Centre

Description 简介

University of Brescia has an internationalization program including Laurea courses and PHD program for foreign students (English language).

University of Brescia is involved in several research programs (International, European, National, Regional) aimed to improve:

- quality of life and lifestyles (e.g. exercise, nutrition)
- healthy ageing (e.g. de-hospitalization)
- sustainable use of natural resources (e.g. energy, water)
- quality of environment (e.g. air, soil, water, waste, noise)
- smart grids and ICT infrastructures (energy, water, gas, etc.)
- diffusion of green economy, green automation and digital culture
- ambient assisted living (home, building, district)
- safety and security of environment and weak persons
- cultural heritage preservation

University of Brescia is an active part of association Brescia Smart City.

University of Brescia is an active part of a Technology Park (CSMT)

## Università degli Studi di Napoli Federico II - Dipartimento di Agraria

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单位性质	University
Organisation type	

### Participant Details

#### 参会单位简介



### Organisation Details 机构简介

Development and production of new biofertilizers and biopesticides for application in agriculture, public and private parks, golf courses, marine and land reserves etc. The characteristics of these new products are: fully bio and natural, easy and cheap to make, particularly effective, allow elimination of at least 60-70% of the chemical input, allow increase in yield of up to 100%, protection of food from contamination, improvement of soil quality, enzymatic degradation of industrial wastes into novel product, production of organic commodities, etc.. We have available several ready-to-go technology package including all the procedure to make and apply new product lines. Some products are already on the market and can be imported directly from companies that have acquired the licence. We also provide an "integrated approach" to the problem or to defined an improvement. Most of our technology is patented in US or Europe (about 25 patents). Our service consist in implementing our technology or develop new product lines together with the partner (academic or industrial), by using our know-how, providing consultancy and patentable new ideas and products, to quickly access the market. We have already about a dozen product on the market commercialized by our partners in various Countries.



## Cooperation Profiles 合作简介

**Offer:**

Innovative products based on beneficial microbes and their metabolites, including enzymes, for agricultural and industrial applications, in a variety of the Agri-food and Biotechnology sector, as well as for the protection of the agricultural environment.

**Search:** Industrial and academic partners to complement our effort to bring on the market products that reduces our dependence on chemical input.