



2016 CONFERENCES & SEMINARS PROGRAM (draft updated to 4th November 2016)

Dates, times and rooms are still in part only for informative purposes and may be subject to change according to requirements



STATES GENERAL OF THE GREEN ECONOMY

8th - 9th November 2016
Ecomondo - RIMINI FIERA

Promoted by
The National Council on the Green Economy

in partnership with





	9 november Ravezzi Room 1	SOUTH HALL
9.30 a.m. - 1.30 p.m.	<p>Municipal waste management in urban areas: comparing international experiences in the perspective of circular economy</p> <p>Organized by: Utilitalia</p>	

The tenth annual meeting to review progress in municipal waste management. In the last two years there have been compared experiences in main EU capitals like Berlin, Copenhagen, Lisbon, Madrid, Milan and Rome and best practices in medium sized towns like Lubljana, Munich, Florence, Boulogne and Parma obtaining a large favour of public and professionals. This year based on the success of past conferences, and within a perspective of circular economy, Utilitalia, the national association of public services of Water, Environment, Electricity and Gas, has decided to continue comparing experiences in urban areas coming from abroad and from associated companies. It will

allow keeping on matching methodologies and results achieved in the urban framework, also in the light of different national contexts.

Section Chair

Alberto Ferro, Coordinator of Utilitalia Committee on "MW Collection & Recycling"

Draft program

9:30 Opening speech and Presentation of the Conference, Alberto Ferro, Coordinator of Utilitalia Committee on "MW Collection & Recycling"

10:00 "Municipal Waste Management in Italy", Rosanna Laraia, Head of Waste Unit, ISPRA –National Institute for Environmental Protection and Research

10:30 Presentation of municipal waste management experiences in some Italian and foreign urban areas

- Roberto Chico, Direcció de Neteja i Gestió de Residus, Ajuntament de Barcelona
- Fernando Leite, Administrador Delegado Lipor, Porto
- Gianfranco Grandaliano, Presidente AMIU Puglia, Bari
- Francesco Iacotucci, Presidente ASIA, Napoli
- Roberto Dolce, Presidente RAP, Palermo

13:00 Conclusions, Filippo Brandolini, Vice President of Utilitalia

EN/IT translation will be provided

	9 november Neri Room 1	SOUTH HALL
2.00-5.30 p.m.	Technical seminar: waste management and regulatory changes 2016	
By Edizioni Ambiente , "Rifiuti – Bollettino di informazione normativa" (Waste - Regulatory information bulletin) Journal, Ecomondo Technical-Scientific Committee		

At times, there is a risk that the developing nature of legislation that characterises waste management disorients businesses and the public sector. Once more this year, "Rifiuti-Bollettino di informazione normativa" journal offers its customary overview of the most important changes in legislation and regulation which, in the course of 2016, have flooded the reference operating scenario. In this Edition of Ecomondo too however, illustration of new developments does not exclude more detailed information on issues that, though not recent, have bedded down with their own complexities over time and present causes for embarrassment from an application perspective. Consequently, the necessary in-depth exploration that the complexity of the discipline demands is also performed.

Session Chair

Paola Ficco

Programme

2–2.20 p.m. Excavated earth and rocks – New Requirements

Rosanna Laraia, Ispra

2.20–2.40 p.m. End of Waste and Reach regulation

Loredana Musmeci, Iss

2.40–3 p.m. Waste from maintenance, including infrastructure, and the problems of the form

Paola Ficco, Edizioni Ambiente

15.00-15.20 Sistri (Italian Waste Traceability Control System) and the state of affairs
 Daniele Bagon, Registry of Environmental Management Liguria Regional Section
 3.20–3.40 p.m. The new incentives for business permitted by environmental certification
 Andrea Sillani, Environmental Auditor
 3.40–4 p.m. Waste and ADR: the situation
 Claudio Rispoli, Chemist – ADR expert
 16.00-16.20 Aua, Aia (Italian single/integrated environmental authorisation), single authorisation or simplified procedures: which authorisation to obtain to manage waste
 Leonardo Filippucci, Edizioni Ambiente
 4.20–4.40 p.m. Awarding public services: the new rules
 Gabriele Taddia
 4.40–5 p.m. Reclamation: what the innocent owner of a polluted site has to do
 Fabio Anile, Edizioni Ambiente

5 p.m. Conclusion

Conference held in Italian language

	10 november Neri Room 1	SOUTH HALL
9.30 a.m.- 1.00 p.m.	Circular resources in the electrical and electronic equipment sector: fact or fiction?	
By ASSORAE (Italian Waste Electrical and Electronic Equipment Association) and Italian WEEE Coordination Centre		

This year’s WEEE Forum, through five specific themes, proposes greater appreciation of the role that the electrical and electronic equipment sector can play in the circular economy, promoting design with reusability and recyclability in mind, the reuse of EEE, adequate treatment of WEEE and the recovery of critical raw materials. In any case, a prerequisite for the circular economy is that the material obtained through recycling finds a suitable destination and it is consequently necessary to grasp the direction in which the raw material market is heading, where the various flows are directed and to what extent the national network of systems is complete. Discussed by experts, companies, associations in the sector and institutional representatives.

Session Chairs

President Assorae/WEEE Coordination Centre TBC

Programme

9.30–9.50 a.m. Product design and extended responsibility of manufacturers for correct management of WEEE within the circular economy (EEE manufacturers) Speaker TBD
 9.50–10.10 a.m. Presentation of a case study on EEE eco-design (designer/company), Speaker TBD
 10.10–10.30 a.m. Preparation for reuse of WEEE and reuse of equipment. Experiences and critical issues (company/centre for reuse), Speaker TBD
 10.30–10.50 a.m. The European “Critical Raw Materials Closed Loop Recovery Project” (CRM) project (European representative), Speaker TBD
 10.50–11.10 a.m. Presentation of a case study on recovering critical raw materials from WEEE (company/collective system), Speaker TBD
 11.10–11.30 a.m. Monitoring flows and developing the network of systems for adequate treatment (WEEE Coordination Centre), Speaker TBD

11.30–11.50 a.m. The global raw materials market: current trends and future scenarios (expert journalist/economist), Speaker TBD

11.50 a.m.–12.10 p.m. The economic sustainability of WEEE recycling activities as prerequisite for the circular economy (WEEE recovery operators), Speaker TBD

Questions and contributions from the public

Conclusions: representative of Parliamentary Commission or Ministry for the Environment

Conference held in Italian language

	10 november Tiglio Room 2	A6 PAV
9.30 a.m.- 1.00 p.m.	The state of environmental product certification in Europe and Italy	
By: ERVET (Emilia-Romagna Financial Territorial Development), SSSUP (Sant'Anna School of Advanced Studies), Cartesio Network		

Environmental product certification has grown in importance in recent years and is a central element in corporate marketing strategies that focus on eco-innovation. The European Commission, with Recommendation 2013/179/EC, has defined PEF – Product Environmental Footprint – as the reference methodology. Shifting the focus to Italy, the National Voluntary Environmental Footprint Assessment and Communication Scheme, introduced by law 221/2015 “Environmental provisions to promote measures for the green economy and limiting the excessive use of natural resources” and based precisely on the PEF method, is of particular importance. The aim of the conference is to discuss initiatives in progress at the European and Italian levels regarding environmental product and footprint marks. Particular attention will be paid to the outcomes of European pilot schemes for applying the PEF and the new Made Green in Italy national scheme. The conference will be an opportunity to develop these tools and opportunities for companies in terms of eco-innovation and competitiveness.

Session chair

TBD

Programme currently being determined

Contributions from

Italian Ministry for the Environment and Protection of Land and Sea

European Commission DG responsible for the PEF

ENEA

ISPRA (Italian Institute for Environmental Protection and Research)

S. ANNA SCHOOL OF ADVANCED STUDIES

ADEME-AFNOR

ERVET

Italian Regions

Representative of experimental projects

Discussion and end of session

Conference held in Italian language

	10 november Ravezzi Room 2	SOUTH
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		HALL
10.00 a.m.- 6.00 p.m.	Waste management in the circular economy: applied research in recycling, recovery and integrated management	
By University of Bologna - Energy and Environment CIRI (Interdepartmental Industrial Research Centre), Environmental and Cultural Heritage Chemical Division - Italian Chemical Association, ENEA (Italian Agency for New Technologies, Energy and Sustainable Economic Development), Ecomondo Technical-Scientific Committee		

The report of the European Environment Agency published in January 2016, "Circular economy in Europe - Developing the knowledge" highlighted the fact that the transition to a circular economy will bring benefits but also pose new challenges. Some critical materials, for which procurement is considered to become increasingly difficult in the near future, or others for which recycling is complicated by the combination of different characteristics (such as mixed plastics or some metal alloys) represent examples of problems on which applied research must be concentrated. The benefits that can be obtained through implementation of the circular economy, the factors that favour implementation, the challenges, the technological innovations and evolution of management models and the parameters for monitoring their effects will be the areas on which companies, researchers, local authorities and other stakeholders will be able to dialogue openly through oral and poster presentations.

Session Chairs

Fabrizio Passarini, University of Bologna
Michele Notarnicola, Bari Polytechnic

Programme

10–10.20 a.m. Introduction and short summary on the poster presented
10.20–10.40 a.m. The contribution of applied research to the circular economy in Europe
European Environment Agency representative TBD
10.40–11 a.m. New recovery targets for packaging materials.
Roberto De Santis, CONAI (Italian National Packing Consortium)
11–11.20 a.m. The role of biobased polymers in The New Plastics Economy
Mariagiovanna Vetere, NatureWorks LLC
11.20–11.40 a.m. Waste management: the potential of integrated ICT systems to support the transition to the circular economy.
Filippo Bernocchi, ANCI (National Association of Italian Municipalities) Delegate for Energy and Waste
11.40 a.m.–12.10 p.m. European opportunities for applying Industrial Symbiosis and Circular Economy models
Ugo Mencherini, ASTER and Enrico Cancila, ERVET (Emilia-Romagna Financial Territorial Development)
12.10–12.25 p.m. Waste products as raw materials: some interesting applications
Pierfrancesco Morganti, MAVI
12.25–12.40 p.m. Application of industrial symbiosis between the chemical and tanning sector
Franco Cavazza, ILSA
12.40–12.55 p.m. Remade in Italy certification highlights best practice in the Italian supply chain.
Walter Bertozzi, Certiquality

Extensive papers selected from the work received through the Call for Papers

POSTER PRESENTATION

(programme to be completed by July 2016, after assessing all abstracts submitted to the conference and dividing the accepted papers into oral and poster presentations)

Conference held in Italian language

	10 november Neri Room 1	SOUTH HALL
2.00-6.00 p.m.	Technical Seminar: by-products and secondary materials: opportunities to promote a circular economy	
By: Ecomondo Technical-Scientific Committee, ISPRA		

Simplifying legislation and reducing bureaucracy for operators in the sector of recycling and reusing goods and products in compliance with high levels of protection for human health and the environment is crucial to promote the circular economy. The Seminar intends to address the difficulties relating to the application of articles 184 par. 2 and 3 of Italian legislative decree no. 152/2006. The enactment of European regulations regarding end-of-waste status has created new scenarios for the possibility of managing individual materials, but at the national level the decrees necessary to get specific waste recycling flows off the ground have still not been promulgated: recycled aggregates, plastic waste, rubber from worn-out tyres, etc. At the European level too, the enactment of end-of-waste regulations has been interrupted. With regard to by-products, the interpretation of the four requirements laid out in art. 184 par. 2 have often been the subject of judicial intervention. In the case of the recent regulations on managing excavated earth and rocks too, which even simplified the reference regulatory framework, there are certain difficulties in interpretation and application. The intention behind the seminar is to provide an opportunity for discussion between institutions, jurists, sector professionals and bodies that monitor and control the correct management of these materials.

Session Chairs

Rosanna Laraia

Responsible for the "End of Waste" Project in the European Commission

Programme

ISPRA

Carlo Zaghi, DVA (Italian General Management of Environmental Assessment), division IV Ministry for the Environment TBC

Regional representative

Loredana Musmeci, ISS

Representative of the Ministry of Economic Development

UTILITALIA REPRESENTATIVE

FISEUNIRE (Service Company Federation, Italian Association of Recovery Companies) representative

Alessandra Pellegrini, FEDERCHIMICA

Paola Ficco, Rifiuti ("Waste") Journal

Andrea Fari, Roma Tre University

Conclusions

Hon. Alberto Zolezzi, Representative of Waste Cycle Commission TBC

Conference held in Italian language

	11 november Neri Room 2	SOUTH HALL
9.30 a.m.- 1.00 p.m.	End-of-Life Vehicles: Circular economy and sustainability of the chain in light of the economic conditions of the materials market	

By: **Ecomondo Technical-Scientific Committee**

In light of the commencement of discussion on the new package of European directives on waste and the circular economy presented by the European Commission, the representatives of the end-of-life car sector are meeting to explore the challenges related to the economic sustainability of the chain and responsibility of the manufacturer, also in light of the reduction in the costs of raw materials, which call into question sustainability itself as well as the already difficult path towards reaching the goals of Directive 2000/93/EC.

Programme

The conference will be moderated by an expert sector journalist

Introduction and greetings

Scheduled contributions

FIAT

ANFIA (Italian Automotive Industry Supply Chain Association)

UNRAE (National Association of Foreign Vehicle Representatives in Italy)

ADA (Italian Association of Motor Vehicle Wreckers)

CAR

AIRA (Italian Industrial Association of Car Recyclers)

ASSOFERMET (Italian Steel and Metal Dealer Association)

FEDERAUTO (Italian Car Dealer Federation)

AIR

FISE UNIRE (Service Company Federation, Italian Association of Recovery Companies)

ISPRA (Italian Institute for Environmental Protection and Research)

Italian Ministry for the Environment

Discussion and conclusions

Conference held in Italian language

	11 november Neri Room 1	SOUTH HALL
9.30 a.m.- 1.30 p.m.	FORUM : New European and national regulations to support the circular economy	

By: **ISPRA, Ecomondo Technical-Scientific Committee**

The sustainable use of resources underpins the actions and objectives identified by the Seventh Environment Action Programme, which states the great potential for improving prevention and management of waste within the Union in order to achieve better use of resources. In line with the environmental policy set out in the Seventh Environment Action Programme, the Communication from the Commission of 2 July 2014 "Towards a circular economy: A zero waste programme for

Europe” COM(2014) 398 final, lists the actions that the Commission itself intends to implement in the waste sector to institute a strategic framework that favours the creation of the circular economy. On 2 December 2015 the European Commission adopted a new and ambitious package of measures on the circular economy to help European businesses and consumers to transition to a stronger, more circular economy, where resources are used more sustainably. The Forum is an annual opportunity to get up to speed on new EC and national legislation concerning waste from the perspective of the circular economy and discuss the more challenging aspects of the sector, involving all institutions and stakeholders in the debate.

Session chairs

Rosanna Laraia
EEA Representative

Round Table

Representative of the Italian Ministry for the Environment, Land and Sea
Parliamentary Environmental Commission
Environmental Commission of the Senate
Confindustria (Confederation of Italian Industry)
CONAI (Italian National Packaging Consortium)
Utilitalia (Italian Utilities Federation)
Fise Assombiente (Italian Service Company Federation, Private Environmental Service Managers Association)
CIC (Italian Composting and Biogas Association)
ANCI (National Association of Italian Municipalities),
ARPA/APPA (Regional/Provincial Environmental Protection Agency)
ATERSIR (Emilia-Romagna Regional Water and Waste Services Agency)

Discussion and conclusions
Hon. Alessandro Bratti

Conference held in Italian language



	8 november Noce Room	A6 PAV
10.00 a.m.- 1.30 p.m.	Small scale composting	
Organized by: ENEA, AMA SpA		

The innovation produced by articles 37 and 38 of the allied environmental bill opens a significant prospect of development for small-scale composting. Small-scale composting, from domestic to “community” level, expands the system of collection and industrial management of organic waste. In recent years, experiences like those of the spreading of the Municipal Register of Composters and the adoption of collective and community facilities in various situations pose technical and

regulatory problems with regard to monitoring, rate rebates, authorisation, the creation of networks, etc. The session seeks to offer an overview of these issues.

Section Chairs

Fabio Musmeci ENEA
Leopoldo D'Amico AMA SpA

Programme

10–10.20 a.m. Introduction
 10.20–10.40 a.m. The regulatory framework
 Giulia Sagnotti (Ministry for the Environment and Protection of Land and Sea)
 10.40–11 a.m. Reflections on the decree in light of Regional experience
 Enrico Accotto (Piedmont Region)
 11–11.20 a.m. The experience in Apulia
 Paolo Silingardi (Achab group)
 11.20–11.40 a.m. Campania Differenzia: The autonomous composting experience
 Vincenza Di Malta (ANCITEL)
 11.40 a.m. to noon. State of the art in collective and community composting in Italy
 Pier Giorgio Landolfo (ENEA - National Agency for New Technologies, Energy and Sustainable Economic Development)

 noon–12.20 p.m. A community composting network in Rome
 Leopoldo D'Amico (AMA)

 12.20–12.40 p.m. Small-scale composting: advantages for the world of agriculture
 David Granieri (Coldiretti)
 12.40–1.20 p.m. Presentations from Call for papers
 1.20–1.30 p.m. Conclusion and close

(programme to be completed by July 2016, after assessing all abstracts submitted to the conference and dividing the accepted papers into oral and poster presentations)

Conference held in Italian language

	8 november Room to be defined	
2.00 – 5.30 p.m.	Integrated urban bio-waste biorefinery. Integrated treatment of solid waste and wastewater of urban origin is an effective approach to achieve critical treatment capacity and to optimize energy and materials recovery	
	Organized by the Universities of Verona, Venezia "Ca Foscari", Rome "La Sapienza" and Bologna "Alma Mater", in cooperation with CTS	

The strong EU commitment towards full implementation of an European Circular Economy and Bioeconomy can represent a driving force to extend the energy and mass recovery from organic wastes which cannot be directly or easily driven to a specific recycling option (e.g. the organic fraction from municipal solid waste). The synergy coming from the integration between the treatment of civil wastewater along with municipal organic wastes is a strong opportunity by which these concepts can be practically implemented. As a typical example, the organic fraction of solid municipal waste can be used to increase biogas yield from existing anaerobic digestors at wastewater treatment plant (often underloaded if fed with excess sludge only). Furthermore, a previous step of acidogenic fermentation can assist nutrient recovery in the wastewater line. In a

more advanced emerging approach, both acidogenic fermentation and biogas can be the feedstock for obtaining bio-based products, such as bioplastics. Of course, this approach requires to address not only technical and economic aspects but also environmental one as well human safety, sustainability, and legislation. Process operational standards have to be defined as well as decisional support tools, LCA, and End of Waste criteria. Finally, considering that driving forces and constraints are highly depending on local conditions a key-role has to be played by municipalities, local authorities and management consortia, i.e. the subjects in charge for leading the developed ideas into concrete realizations. The aim of this workshop is evaluate present experiences and novel trends to develop an integrated management of civil wastewater the organic fraction of municipal solid waste (not excluding other organic wastes), in order to maximize the recovery of renewable energy and bio-based materials, while also minimizing the impact of residual streams. Several invited lectures are planned starting from pivotal full-scale Italian experiences; then some examples of brand new concepts and approaches are presented from ongoing national and international projects (FP7 and H2020).

Preliminary Programme

Chairpersons: to be defined

14.00-14.15 "Sinergies by the integrated treatment of municipal organic waste and urban wastewater" F. Cecchi (University of Verona)

14.15-14.30 "Turning waste into sustainable end-products: the WISE project (PRIN MIUR 2012)" M. Majone (Sapienza University of Rome).

14.30-14.45 "Optimal control of two-phase anaerobic digestion to produce biohythane and volatile fatty acids, towards biopolymer production" P. Pavan (University "Ca Foscari" of Venice)

14.45-15.00 "Optimal management and resource recovery from wastewater treatment sludge: the ROUTES FP7 project" Giuseppe Mininni (CNR-IRSA)

15.00-15.15 Questions and discussion

15.15-15.30 " SCENA and SHEPPHAR technologies for via-nitrite nutrient management and PHA recovery" F. Fatone (University of Verona)

15.30-15.45 "Optimizing nutrient recovery from organic waste management" D. Bolzonella (University di Verona)

15.45-16.00 "Perspectives of novel bio-based processes from the "Carboxylate Platform" L. Bertin and G. Zanaroli (University "Alma Mater" of Bologna)

16.00-16.15 "Occupational safety issues in the biowaste biorefinery" Bianca Maria Pietrangeli (INAIL-Ricerca)

16.15-16.30 Questions and discussion

16.30-17.15 Round Table "Lesson learning from full-scale experience and perspectives of emerging technologies", speakers to be defined.

17.15-17.30 Final discussion

Conference held in Italian language

	9 november Ravezzi Room 2	SOUTH HALL
9.30 a.m. – 1.30 p.m.	18th Edition of the National Conference on Composting and Anaerobic Digestion. Plenary session	
By Ispra, CIC and European Compost Network		

We've reached the 18th edition of the conference on composting and anaerobic digestion of organic waste. In keeping with previous years, we are offering once more an overview of the data for the sector by Ispra, meticulously gathered and processed. We want to put the "compost system" and quality at the heart of our conference, which has become an established event in the sector. With regard to the "compost system", we want to concentrate on the infrastructure requirements of a constantly evolving sector dedicated to producing renewable material: organic fertilisers. Secondly, we want to focus attention on the quality of organic collection, quality and cost of services, the quality of compost produced, the quality of organic fertilisers, the quality of compostable goods and finally the quality of the bio-methane that companies are preparing to produce as an innovative product.

Session Chair:

Alessandro Canovai President of CIC

Programme:

9.30–9.50 a.m. Introduction by Alessandro Canovai

9.50–10.10 Management of organic waste

Rosanna Laraia, ISPRA

10.10–10.40 a.m. Separate collection of wet waste: data, costs, future scenarios

Speaker TBD

10.40–11 a.m. The "compost system" in Italy, systemic requirements and sector strategies

Speaker TBD

11–11.20 a.m. CIC certified quality

Speaker TBD

11.20 a.m. Round table

Coordinated by Massimo Centemero

Taking part: Waste Cycle Commission (Hon. Laura Puppato), CIC, Fise-Assoambiente, Atia-Isua (Association of Italian Environment Technicians - International Solid Waste Association), Utilitalia, Assofertilizzanti-Federchimica (Italian Association of Fertiliser Producers - National Chemistry Industry Federation), Certiquality, Assobioplastiche (Italian Bioplastic and Biodegradable and Compostable Material Association).

13:00 Conclusion, Alessandro Canovai, President CIC

The conference will include the awarding of the CIC COMPOST MARK

The President presents the companies that have recently been awarded the Mark

Conference held in Italian language

	9 november Ravezzi Room 2	SOUTH HALL
2.00 – 5.00 p.m.	18th Edition of the National Conference on Composting and Anaerobic Digestion TECHNICAL SESSION: BIOWASTE, The Production of Biowaste, Separated Organic Waste Collection Methods, Treatment, Anaerobic Digestion, Composting, Production of Organic Fertilisers, Optimising The Use of Compost and Biogas Through Bio-Methane Generation	
By Technical Committee of the Italian Composting and Biogas Association		

Session Chairs:

Massimo Centemero, CIC

Alberto Confalonieri, Monza Agricultural School, CIC Technical Committee

Lorella Rossi, Reggio-Emilia CRPA (Animal Production Research Centre), CIC Technical Committee

Programme

Selected contributions from the call for papers

(programme to be completed by July 2016, after assessing all abstracts submitted to the conference and dividing the accepted papers into oral and poster presentations)

Conference held in Italian language



	8 november Global Water Expo Room	D1 PAV
2.00 – 5.30 p.m.	Drinking water: emerging pollutants and initial applications of safety plans	
By: "Waste Water Treatment System Management" Working Group of the University of Brescia		

The Water Safety Plan (WSP) is emerging as an innovative method for guaranteeing the safety of water in water supply systems. This approach is based on assessment and management of the risk of water contamination in all stages of the water supply chain, from collection to the point of consumption. The aim of the WSP is to prevent, or at least minimise, the potential contamination of water collected from the environment and intended for human consumption, to eliminate or reduce any chemical, microbiological, physical and radiological risks and, finally, to prevent any recontamination in the stage of storing and distributing water up to the point of use. This approach was introduced for the first time by the World Health Organisation (WHO) in 2004, was implemented in the European directive and will be implemented by Italy and various other European countries in the future. Many water service managers are paying attention to the WSP as an instrument that may present operational and management consequences for risk management connected to the presence of pollutants in water distributed. This conference, which is organised by the "Waste Water Treatment System Management" Working Group, aims to illustrate the operating methods for application of the WSP, as well as the first concrete experiences of developing and implementing the WSP within drinking water supply systems. To this end, a lot of time will be dedicated to illustrating management experiences, also selected through a call for papers.

Session Chair:

Carlo Collivignarelli, University of Brescia, Department of Civil Engineering, Architecture, Territory and Environment, Brescia

2–2.15 p.m. Presentation of the conference

Carlo Collivignarelli, University of Brescia

Part I: Management of drinking water risk

2.15–2.45 p.m. Emerging pollutants and Guidelines for risk assessment and management in the supply chain of water intended for human consumption according to the Water Safety Plan model

Luca Lucentini, Enrico Veschetti Italian National Institute of Health - Rome

2.45–3 p.m. National survey on Italian experiences of risk management associated with the presence or emerging pollutants in drinking water

Sabrina Sorlini, University of Brescia

3–4 p.m. Experiences of managers

Acque del Chiampo (Andrea Chiorboli), Acque Veronesi (Massimo Carmagnani), AOB2 (Mauro Olivieri), etc.

Part II: Experiences of WSP application

4–4.15 p.m. Application of the WSP to the drinking water system in Caprarola (Province of Viterbo)

Michela Biasibetti, University of Brescia

4.15–4.30 p.m. Application of the WSP to the drinking water system in Mortara (Province of Pavia)

Alessandro Abbà, Barbara Marianna Crotti, University of Pavia

4.30–5.15 p.m. Poster session

5.15 p.m. Discussion and conclusions

(programme to be completed by July 2016, after assessing all abstracts submitted to the conference and dividing the accepted papers into oral and poster presentations)

Conference held in Italian language

	8 november Biobased Industry Room	D3 PAV
2.00 – 6.30 p.m.	Sustainable food and water nexus in the Mediterranean area	
	Organized by: MIUR, MiPAAF-CREA, MATTM-ISPRA, Cluster Tecnologico nazionale Agro-Food, FEDERALIMENTARE	

Ensuring safe, healthy, high quality food while developing sustainable, innovative and efficient systems with supply chains, water uses, processing and marketing are some of the challenges set by the European Union for the European Industry, which is the first industrial sector in EU with 310,000 companies, a Trillion of Euros of turnover and 4 Million of employees. This is particularly relevant in the Mediterranean area, where Micro, Small and Medium Enterprises (MSMEs) constitute a significant economic and employment driver, representing ~70% of total workforce and 99% of overall enterprises in the Region. Mediterranean food industries produce large quantities of products, often with unique qualities derived from Mediterranean natural advantages and local knowledge. Adoption of eco-innovation and sustainable business models, may represent the chance for SMEs to increase their competitiveness and give their contribution to the struggle of sustainability issues. Eco-innovation that can sparkle from a variety of sources (large companies, public research labs, universities, SMEs and community of users) needs to be adopted to create employment and territorial development and to enhance the emergence of young entrepreneurs in the agrifood sector. In the Mediterranean region, which is one of the most arid agricultural regions on earth, the interrelationship of sustainable food and water resources is particularly pronounced: ecologically sustainable solutions are required to guarantee long-term stable societies, job creation, good health and welfare while addressing environmental pressures. PRIMA Participating States are proposing to the European Commission the use of an art.185 TFEU as the most appropriate instrument to focus on the development of innovative solutions and the promotion of their adoption for improving the efficiency and sustainability of food production and water provision.

Tentative Programme

14:00-14:30 Welcome and Introduction

Delegates from the EU commission, Representatives of MIUR, MATTM, MIPAAF, and Regional Ministers for Agriculture (Emilia-Romagna and Toscana)

14:30-15:00 – OPENING

Partnership for research and innovation in the Mediterranean Area (PRIMA)

Angelo Riccaboni, Chair of PRIMA consortium

15:00-16:00 – **SESSION 1**

Sustainable management of water for arid and semiarid Mediterranean areas

(Chairs: Giuseppina Monacelli, ISPRA – IT; Ali Rhouma, IRESA, Tunisia)

Round Table with slides

- Antonio Lo Porto, Chair of EurAqua, Chair of St. Advisory Board Water JPI, Researcher at IRSA-CNR, Italy

Key research needs in the field of Water Resources Management: suggestions from the EU networks in the water sector: WssTP, Water/FACCE JPI's and EurAqua

- Lucio Ubertini & Paolo Buonora, UNESCO

Adriatic-Tyrrhenian: slow mobility between the two seas and novel water and terrestrial pathways.

Discussion

16:00-17:00 – **SESSION 2**

Sustainable farming systems under Mediterranean environmental constraints

(Chairs: Florence Jacquet, INRA – FR ; Cosimo Lacirignola, CIHEAM – IT)

Round Table

- Moez Jebara, Centre de Biotechnologie Borj Cedria, Tunisia

Cooperation within the PRIMA programme to address the climate changes challenges to sustainable agriculture in Mediterranean

- Michele Pisante, CREA, Italy

Sustainable Crop Production Intensification: the innovations for Mediterranean area

- Adel Aboul Naga, Animal Production Research Institute, Egypt,

Sustainable farming systems in the dry area of the Mediterranean (facing global and local changes)

Discussion

17:00-18:00 – **SESSION 3**

Mediterranean food value chain for regional and local development

(Chairs: Francesco Capozzi, UNIBO – IT; Abdelkader Ait El Mekki, ENA Meknes Morocco)

Round Table

- Cristina Di Domizio - Federalimentare – IT

The Mediterranean bioeconomy in the Roadmap of the National Technology Cluster Agrifood: from research and innovation to training

- Andras Sebok, Vice chair of the European collaboration of the National Food Technology Platforms

Benefits of a value chain approach for fostering innovation and resource efficiency of Mediterranean regional and local food chains

- Tristan Camilleri, Ministry Sustainable Develop. Environ. & Climate Change, Malta

The Maltese case study to increase sustainability in the Mediterranean aquaculture

Discussion

18:00-18:30 – CONCLUDING REMARKS

Ian Gauci Borda, Representative of Malta Government, 2017 EU Presidency

EU representative

Italian Representative

EN/IT translation will be provided

BEACON EVENT	9 november Global Water Expo Room	D1 PAV
10.00 a.m. – 1.00 p.m.	Water management within the circular economy. Resource recovery from the water cycle: market, value chains and new perspective for the water utilities and chemical industry	
Organized by: University of Verona, Ministry of Environment, UTILITALIA, Marche Polytechnic University, IRSA-CNR, Horizon2020 SMART-Plant Consortium, International Water Association Resource Recovery Cluster, IWA Italia, EU WssTP, CTS ECOMONDO		



Viable and profitable value chains for resources recovered from the water cycle are the bottleneck towards a new circular perspective of water management. The activities in the water cycle are run by utilities, not used to commercially develop products and bringing these to a highly competing – price, quality, service, security of supply- market. The workshop will bring together the main stakeholders and aims to present frameworks that can be used to remove bottlenecks and enable successful resource recovery in other regions in Europe and beyond.

Section Chairs

Gaia Checcucci, General Director, Italian Ministry of the Environment and Protection of Land and Sea

Durk Krol/Martijn Bijmans - The European Water Platform WssTP

Kees Roest - European Innovation Partnership on Water (EIP-W) - Action Group ARREAU - Accelerating Resource Recovery from the water cycle

Programme

10.00-10.10 Introduction and short summary on the topic and on the poster presented

10.10-10.30 The Italian vision to boost circular economy in the water sector

Gaia Checcucci, General Director, Italian Ministry of the Environment and Protection of Land and Sea

10.30-10.50 New circular perspective of water management in Europe

Martijn Bijmans, The European Water Platform .WssTP (Belgium), and Wetsus (Netherlands)

10.50-11.10 European Innovation Partnership on Water (EIP-W) Action Group ARREAU – Accelerating Resource Recovery from the water cycle

K. Roest, C. Kabbe, C. Wessels, O. van der Kolk, S. Filipsson, H. Geerse, T. van den Hoven

European Innovation Partnership -Water and KWR Watercycle Research Institute (Netherlands)

11.10-11.30 The SMART-Plant Market and Business model for the circular economy in the water cycle

Fabiana Fantinel, InnoEXC GmbH . Switzerland

11.30-11.50 The utilities as players of the circular market

Paolo Romano, Società Metropolitana Acque Torino SpA, UTILITALIA and IWA Italy

11.50-12.10 Towards the CAP Holding Masterplan to deliver circular economy from municipal "used" water"

Michele Falcone, Andrea Lanuzza CAP Holding, Italy

12.10-12.30 From "waste" to "used" water treatment plants: towards resource recovery facilities

Willy Verstraete, Chair of International Water Association (IWA) Resource Recovery Cluster

12.30-12.50 Scale-up of low-carbon footprint Material Recovery Techniques for upgrading existing wastewater treatment Plants

Francesco Fatone, Coordinator of Horizon2020 "SMART-Plant" innovation action

POSTER SESSION

GWE4 – 1 Presentazione del progetto "Connubio tra interventi biotecnologici e trattamenti termochimici per la gestione ottimizzata dei fanghi di depurazione"

De Cristofaro Srl, Lucera (FG) [G. De Cristofaro, R. Bortone, G. Varlaro] Consorzio E.D.E.N. S.c.r.l., Foggia (FG)

[UniFg: M. Monteleone, M. Francavilla –AFORIS: G. M. Gasperi, M. Genovese – Tekna Energy: M. De Stasio]

GWE4 – 2 The water footprint applied to construction industry

Matarazzo Agata- Conti Maria Concetta- Federico La Pira-Vanessa Gambera- Enrico Suriano

Department of Economics and Business, University of Catania

GWE4 – 3 Water Resources used in Agriculture: Improving Management in presence of Climate Changes

Donatella Vignani, Sabrina Auci Istat - Direzione Centrale delle Statistiche Ambientali e Territoriali, Università di Palermo – DEMS

GWE4 – 4 Water Management in a Urban Metabolism perspective, the case study of Budapest

Domenico Vito, Politecnico di Milano

GWE4 – 5 Recupero del fosforo (P) da digestato attraverso formazione di struvite e trattamento in sistemi bio-elettrochimici

Pepè Sciarria T.a, Vacca G.a, Adani F.a and Tambone F.a - a Ricicla Group - Dipartimento di Scienze Agrarie e Ambientali – Produzione, Territorio, Agroenergia - Università degli Studi di Milano

GWE4 – 6 Characterisation of high loaded wastewater treatment processes (A-stage) to increase energy production from wastewater: performance and design guidelines

Kees Roest*, Tessa van den Brand, Marcel Zandvoort, Olaf Duin and Mark van Loosdrecht * KWR
Watercycle Research Institute, Post Box 1072, 3430 BB Nieuwegein, The Netherlands, kees.roest@kwrwater.nl

EN/IT and IT/EN translation will be provided

BEACON EVENT	9 november Global Water Expo Room	D1 PAV
2.00 – 5.00 p.m.	Ready-to-Market resource recovery technologies. Scale-up of low-carbon footprint material recovery techniques for upgrading existing wastewater treatment plants: the smart-plant Horizon2020 innovation action	
Organized by: University of Verona, Ministry of Environment, UTILITALIA, Marche Polytechnic University, IRSA-CNR, Horizon2020 SMART-Plant Consortium, International Water Association Resource Recovery Cluster, IWA Italia, EU WssTP, CTS ECOMONDO		



A number of wastewater treatment unit processes have reached the proof of concept and, in order to succeed, will be able to cross the “valley of death” only if a real value is captured and demonstrated, so as to be financed for widespread application. In light of this, the key for innovation uptake stands in upgrading the existing WWTPs by integrating case-adequate novel operation units without revolutionizing the existing system, thus requiring an initial investment of € 15-20 per inhabitant with one year payoff through potential cumulative savings of € 17-18 per inhabitant per year. The Horizon2020 SMART-Plant project will reach this target and support the water sector to improve and ensure environmental protection, become more adaptive, and respond to contemporary environmental and societal challenges by introducing innovative technological solutions, moving towards resource recovery approaches in wastewater management. To reach this goal, SMART-plant will scale-up and demonstrate eco-innovative solutions to upgrade existing WWTPs. This workshop will present the key enabling technologies that will be implemented and verified at demo or full scale in Italy, United Kingdom, Netherlands, Israel and Spain within the SMART-Plant project.

Section Chairs

Willy Verstraete, International Water Association - Chair of the Resource Recovery Cluster
 Francesco Fatone, Coordinator of the Horizon2020 SMART-Plant action and CTS Ecomondo

Programme

14.00-14.10 Introduction and short summary on the poster presented
 14.10-14.30 Cellulose recovery in Uithuizermeeden and following market uptake (Netherlands)
 Coos Wessels, European Innovation Partnership for Water/ARREAU and BWA Water (Netherlands); JoTerje Lestum . SALSNES Filter (Norway)
 14.30-14.50 Biomethane and nutrient recovery in Severn Trent wastewater treatment plants in United Kingdom
 Peter Vale, Yadira Bajon-Fernandez - Severn Trent Water (United Kingdom); Ana Soares (Cranfield University)
 14.50-15.10 PHA recovery from integrated in sewage sludge treatment lines of wastewater treatment plants
 Mauro Majone, University of Rome "La Sapienza"; Maria Reis, Adrian Oehmen (Portugal); Nicola Frison (University of Verona)
 15.10-15.30 Energy efficient wastewater treatment and reuse in Israel
 Avi Aharoni, Director, MEKOROT (Israel National Water Company), Isam Sabbah (Agrobics Ltd)

15.30-15.50 Phosphorus recovery in EU: economic and environmental framework and perspectives
Christian Remy, Berlin Competence Centre for Water (Germany)

15.50-16.10 Phosphorus biological and chemical recovery: past, present and future in Treviso and Carbonera
Daniele Renzi, Alto Trevigiano Servizi (Italy)

16.10-16.30 Commercial biocomposite production from resources recovered in municipal wastewater treatment plants
Luis Enriquez, ECODEK (UK); Mizi Fan - Brunel University of London (UK)

16.30-16.50 Sustainable airport cities – closing the phosphorus cycle at Amsterdam Airport Schiphol
Kees Roest, KWR Water (Netherlands)

16:50-17:00 Biomass recovery from the real scale Lemna FWS phytotreatment system implemented in Santerno WWTP
Carmine Fiorentino, Maurizio Luca Mancini, Francesco Avolio, Claudio Anzalone
DICAM-University of Bologna, Direzione acque Tecnologie e qualità tecnica - HERA S.p.A.

POSTER SESSION

GWE5 – 1 Innovative Ecological on-site Sanitation System for Water and Resource Savings

Domenico Perfido¹, Galuco Donida¹, Germain Adell², Pietro De Cinque³, Andrea Costa¹

1 R2M Solution s.r.l., 2 NOBATEK, 3 DE5 Group

GWE5 – 2 Energy efficiency drivers in wastewater treatment plants: a DEA double bootstrapped analysis

A. Guerrini, B. G. Romano

WaMaTeRC – Università di Verona, Dipartimento di Economia e Management – Università di Pisa

GWE5 – 3 Un modello di recupero e riuso ai fini irrigui delle acque reflue trattate

P. Mantovi* M. Ligabue*, F.Moroni **, C. Parabita***, Paola Zanetti ****,

* Centro Ricerche Produzioni Animali, Reggio E,** Autorità di Bacino del fiume Po – Parma,*** Gruppo IREN – Reggio Emilia, **** Consorzio di Bonifica dell'Emilia Centrale – Reggio E.,

GWE5 – 4 Recupero di energia e materia dalle acque di vegetazione di frantoio

S.A. Nardo, A. Mannucci, G. Munz

Dipartimento di Ingegneria Civile ed Ambientale, Università degli Studi di Firenze

GWE5 – 5 LCA to evaluate impacts and solution on sludge treatments

Paolo Piccinno¹, Teodoro Gallucci², Giovanni L³

1P&R Project S.r.l. 2 Department of Economics, Management and Business Law - University of Bari Aldo Moro 3 Trojan Technologies,

GWE5 – 6 Assessment of the performance and the advantages related to the use of a natural coagulant in the industrial wastewater treatment

Antonio Giuliano*, Gianpaolo Sabia*, Roberto Farina**

ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic Development – *SSTP-USER-R4R - ** DTE-BBC-BBE

GWE5 – 7 Benchmark dei sistemi di controllo avanzato in depurazione

Francesco Avolio, Claudio Anzalone, Lorena Guglielmi, Loris Canovi, Gerardo Scibilia

HERA SpA, Direzione Acqua – IRETI SpA, Servizio Idrico Area Emilia Romagna, – SMAT, Centro Ricerche

EN/IT and IT/EN translation will be provided

	11 november Global Water Expo Room	D1 PAV
10.00 a.m. – 2.00 p.m.	Sewage sludge: not any more a problem but a resource in the framework of the circular economy	
	Organized by: Water Research Institute of CNR, University of Verona, Utilitalia, Ecomondo Technical-Scientific Committee	

Sewage sludge is generally considered a nightmare by managers and operators of WWTPs. Conventional outlets include recovery (direct agricultural utilization, composting, co-incineration in

cement factories or power plants) or disposal (landfilling, incineration). The above options can be restricted according to sludge quality, sludge level of treatment, availability of final disposal plants nearby the production site, and of course on the associated costs. Very often operators need different arrangement of the sludge processing trains, including new treatments, in order to solve specific problems but sludge lines were designed and constructed well before of the current legislation implementation. Investment costs for their upgrading are often prohibitive to overcome daily problems. This conference will present some interesting innovative installations and developed ideas in the world, including Italy, to show that sewage sludge is an interesting source of new products, which can be included in the list of eligible end-of-waste materials. New frontiers are just in front of us.

Section Chairs

Franco Cecchi (University of Verona)

Giuseppe Mininni (Water Research Institute of CNR)

Programme

10:00 – 10:20 Introduction and short summary on the poster presented

10:20-10:40 Review of the innovations on sewage sludge processing around the world

Andrea Gianico, Camilla M. Braguglia and Giuseppe Mininni (Cnr - Water Research Institute, Monterotondo, RM, Italy)

10:40-11:00 Unlocking the full energy potential of sewage sludge at Thames Water

Stefano Giacalone (Innovation Sludge & Energy, Thames Water – Reading, UK)

11:00-11:20 Sludge recycling in Europe

Stephen R. Smith (Department of Civil and Environmental Engineering, Imperial College, London, UK)

11:20-11:40 Precious metals in incineration ashes

Matt Jackson (Director - Exploration and Mining. Bluestone Geophysical Surveys Ltd) on behalf of Hanzel M. Prichard (School of Earth and Ocean Sciences, Cardiff University, UK)

11:40-12:00 Innovative sewage sludge processing in South Tyrol

Konrad Engl (ARA Pusteria S.p.A., San Lorenzo, BZ, Italy)

12:00-12:15 Integrated approach for effective sewage sludge management

Fabio Trolese (Consorzio Viveracqua, Verona, Italy)

12:15-12:30 Recent experiences on the innovative sludge processing of the Psittalia's Island WWTP serving Athene

Davide Perduca (CAMBI Italia – Casteggio – PV – Italy)

12:30-12:45 Sewage sludge co-digestion with Urban Fraction of Municipal Solid Wastes

David Bolzonella, Franco Cecchi (University of Verona, Italy), Paolo Pavan (University of Venice, Italy)

12:45-13:00 Application of chemical hydrolysis to reduce drastically sludge production

Antonio Capristo (NewLisi S.p.A. Milano)

13:00-13:15 Extraction of contaminants and valorisation of sewage sludge

Pier Paolo Piccari (Herambiente S.p.A. Rimini, Italy), Fabio Cella (Syngen S.r.l., Piacenza, Italy)

13:15-13:30 Energy valorisation and material recovery from tannery sludge

Andrea Ricotti (Consorzio CuoioDepur S.p.A., San Miniato, PI, Italy)

13.30-14.00 Discussion and Closure

EN/IT translation will be provided



	10 november Reclaim Expo Room	C1 PAV
10.00 a.m. – 5.30 p.m.	Sustainability and reconversion: reclamation in the framework of the “Circular Economy”	
	By Up, Federchimica, Eni, Aidic (Italian Chemical Engineering Association - Engineers)	

In keeping with the tradition established from the 2008 Edition, this year too RECLAIM EXPO' will offer a meeting point for all parties involved in the reclamation and redevelopment of contaminated sites, from the institutions (Ministries, Regions, National and Regional Scientific Institutions and Agencies) to the companies, including the parties involved and the businesses that offer them services and technologies. From the first regulations of around 15 years ago, much has been done and many contaminated areas have been reclaimed and restored to use. All the same, reclamation has often proved slow and costly, as well as lacking connection to a plan for the economic relaunch of the areas, to accompany and assist the reclamation. Despite this, the demand for sustainable management of “reclamation” has grown over the years, with the requirements of environmental reclamation and health and safety wedded with acceptable costs and economic recovery of the areas reclaimed. This clearly requires agreement of all the elements that can come into play in the definition of the reclamation strategy (regulation, procedures, technology and economics). From this perspective, the reclamation of contaminated sites becomes an important component in development based on the principles of the Circular Economy, allowing services to be recovered from ecosystems; first of all, the recovery of stretches of land for new productive uses (industrial, but also commercial and residential), simultaneously decreasing the demand for the development of more attractive areas from scratch. This year therefore, RECLAIM EXPO will be organised around the theme of the sustainability of reclaiming contaminated sites in conjunction with their economic redevelopment. A morning session will receive contributions by invitation, starting from analysis of some case studies on sites currently involved in reclamation and redevelopment programmes (such as Bagnoli, Trieste, Piombino, Porto Torres, etc.) which will provide material for a round table to identify what positive factors they present to be promoted and, conversely, what obstacles they present to be eliminated. The afternoon session will be dedicated to contributions on this theme selected via call for papers. The CTS will select the papers with the support of the AIDIC, favouring above all contributions on cases of real-life application, by businesses or professionals in the sector.

Programme

Morning session

Session Chairs:

Loredana Musmeci

Donatella Giacometti

10–10.20 a.m. Introduction on the state of the art
 Loredana Musmeci and Mauro Majone
 10.20–10.40 a.m. Piombino, Trieste, Bagnoli: a national strategy for environmental and productive redevelopment of large abandoned industrial areas.
 Gianni Squitieri, INVITALIA (Italian Agency for Attracting Investment and Business Development)
 10.40–11 a.m. MISO (making safe for operational purposes) as a tool for compatibility between environmental recovery and industry
 Italian Association of Oil Companies, TBD
 11–11.20 a.m. An overview
 Syndial, TBD
 11.20–11.40 a.m. The Bagnoli industrial site reclamation and redevelopment project
 Daniele Benott, INVITALIA
 11.40 a.m.–noon Intervention strategy for productive redevelopment of contaminated areas with reference to the Green Economy
 Novamont, tbc
 noon–12.20 p.m. Abandonment of fuel filling stations as an element of urban redevelopment
 Italian Association of Oil Companies, TBD

12.20–1.20 p.m. Round table with the speakers and participation of a representative of the Ministry for the Environment, STA Management (to be confirmed), Federchimica (to be confirmed), AIDIC.

Afternoon session

Session Chairs:

Mauro Majone and Raffaele Avella (AIDIC)

3–3.30 p.m. The appointment of a chemical engineer for redeveloping abandoned and reclaimed industrial areas

Oreste Mastrantonio – Chair of the AIDIC “Reclaiming Industrial Sites” Working Group.

3.30–5.30 p.m. Contributions and posters selected via call for papers

(programme to be completed by July 2016, after assessing all abstracts submitted to the conference and dividing the accepted papers into oral and poster presentations)

Conference held in Italian language



	8 november Biobased Industry Room	D3 PAV
2.00 – 6.30 p.m.	Sustainable food and water nexus in the Mediterranean area	
Organized by: MIUR, MiPAAF-CREA, MATTM-ISPRA, Cluster Tecnologico nazionale Agro-Food, FEDERALIMENTARE		

Ensuring safe, healthy, high quality food while developing sustainable, innovative and efficient systems with supply chains, water uses, processing and marketing are some of the challenges set by the European Union for the European Industry, which is the first industrial sector in EU with 310,000 companies, a Trillion of Euros of turnover and 4 Million of employees. This is particularly relevant in the Mediterranean area, where Micro, Small and Medium Enterprises (MSMEs) constitute a significant economic and employment driver, representing ~70% of total workforce and 99% of overall enterprises in the Region. Mediterranean food industries produce large quantities of products, often with unique qualities derived from Mediterranean natural advantages and local knowledge. Adoption of eco-innovation and sustainable business models, may represent the chance for SMEs to increase their competitiveness and give their contribution to the struggle of sustainability issues. Eco-innovation that can sparkle from a variety of sources (large companies, public research labs, universities, SMEs and community of users) needs to be adopted to create employment and territorial development and to enhance the emergence of young entrepreneurs in the agrifood sector. In the Mediterranean region, which is one of the most arid agricultural regions on earth, the interrelationship of sustainable food and water resources is particularly pronounced: ecologically sustainable solutions are required to guarantee long-term stable societies, job creation, good health and welfare while addressing environmental pressures. PRIMA Participating States are proposing to the European Commission the use of an art.185 TFEU as the most appropriate instrument to focus on the development of innovative solutions and the promotion of their adoption for improving the efficiency and sustainability of food production and water provision.

Tentative Programme

14:00-14:30 Welcome and Introduction

Delegates from the EU commission, Representatives of MIUR, MATTM, MIPAAF, and Regional Ministers for Agriculture (Emilia-Romagna and Toscana)

14:30-15:00 – OPENING

Partnership for research and innovation in the Mediterranean Area (PRIMA)

Angelo Riccaboni, Chair of PRIMA consortium

15:00-16:00 – **SESSION 1**

Sustainable management of water for arid and semiarid Mediterranean areas

(Chairs: Giuseppina Monacelli, ISPRA – IT; Ali Rhouma, IRESA, Tunisia)

Round Table with slides

- Antonio Lo Porto, Chair of EurAqua, Chair of St. Advisory Board Water JPI, Researcher at IRSA-CNR, Italy
Key research needs in the field of Water Resources Management: suggestions from the EU networks in the water sector: WssTP, Water/FACCE JPI's and EurAqua

- Lucio Ubertini & Paolo Buonora, UNESCO

Adriatic-Tyrrhenian: slow mobility between the two seas and novel water and terrestrial pathways.

Discussion

16:00-17:00 – **SESSION 2**

Sustainable farming systems under Mediterranean environmental constraints

(Chairs: Florence Jacquet, INRA – FR ; Cosimo Lacirignola, CIHEAM – IT)

Round Table

- Moez Jebara, Centre de Biotechnologie Borj Cedria, Tunisia

Cooperation within the PRIMA programme to address the climate changes challenges to sustainable agriculture in Mediterranean

- Michele Pisante, CREA, Italy

Sustainable Crop Production Intensification: the innovations for Mediterranean area

- Adel Aboul Naga, Animal Production Research Institute, Egypt,

Sustainable farming systems in the dry area of the Mediterranean (facing global and local changes)

Discussion

17:00-18:00 – **SESSION 3**

Mediterranean food value chain for regional and local development

(Chairs: Francesco Capozzi, UNIBO – IT; Akka Mekki, ENA Meknes Morocco)

Round Table

- Cristina Di Domizio - Federalimentare – IT

The Mediterranean bioeconomy in the Roadmap of the National Technology Cluster Agrifood: from research and innovation to training

- Andras Sebok, Vice chair of the European collaboration of the National Food Technology Platforms

Benefits of a value chain approach for fostering innovation and resource efficiency of Mediterranean regional and local food chains

- Tristan Camilleri, Ministry Sustainable Develop. Environ. & Climate Change, Malta

The Maltese case study to increase sustainability in the Mediterranean aquaculture

Discussion

18:00-18:30 – CONCLUDING REMARKS

Ian Gauci Borda, Representative of Malta Government, 2017 EU Presidency

EU representative

Italian Representative

EN/IT translation will be provided

BEACON EVENT	9 november Biobased Industry Room	D3 PAV
10.00 a.m. – 5.30 p.m.	Horizon 2020 and the bio-based industries joint undertaking (BBI JU): opportunities for jobs and growth in the mediterranean region	
Co-Organizers: Biobased industries Joint Undertaking (BBI JU), European Commission, The Italian Green Chemistry Cluster, University of Bologna		

Bioeconomy and the bio-based industries provide a prominent opportunity for growth and jobs in Europe. The Mediterranean region is lagging behind in these sectors if compared with Northern EU Regions (SCAR-Eurostat, 4th foresight 2015), despite the great potential in terms of availability of agricultural, forestry and marine bioresources as well as rural and marginal land exploited. Horizon 2020 and the Bio-based Industries (BBI) Initiative, the private-public partnership operating under the rules of Horizon 2020, offer important opportunities to support tailored local R&I actions, while creating interconnections among sustainable agriculture, forestry, industry and Blue Growth. The conference aims at identifying common challenges and opportunities for the bioeconomy and the bio-based industries in the Mediterranean Region, and also analysing the R&I potential offered by Horizon 2020 and the BBI Initiative.

Draft Programme

10.00 Welcome

John Bell, Director European Commission - DG RTD; Philippe Mengal, Executive Director Bio-based Industries Joint Undertaking; José Manuel Gonzalez Vicente, Chair of the BBI States Representatives Group (SRG)

10.20 The Bioeconomy and the bio-based industries in the Mediterranean region

Chairs: Stefano Firpo, Italian Ministry for Industrial Development & Catia Bastioli, CEO Novamont and President Cluster Green Chemistry

Bioeconomy in the frame of Horizon2020: priorities and opportunities

Waldemar Kutt, European Commission – Head of Unit DG RTD

Bio-based Industries Initiative: aim, actions and opportunities

Philippe Mengal, Executive Director, Bio-based Industries Joint Undertaking

The Bio-based industry consortium (BIC) and the bio-based industry in Europe

Giulia Gregori, Novamont, Italy

11.10 Round Table: Bioeconomy and bio-based industries in the countries of the region: barriers, needs and opportunities

A speaker from each of the following Countries: Fabio Fava (Italy and Malta), José Manuel Gonzalez Vicente (Spain), Julien Dugue (France), Electra Papadopoulou (Greece), Mateja Dermastia (Slovenia), Ioannis Vyrides (Cyprus) and Maria Joao Fernandes (Portugal) (10 min each max.)

12.40 The bio-based industries and bioeconomy in the southern countries of the Mediterranean region: barriers, needs and opportunities.

Paul Colonna, INRA, France

13.00: Conclusions (by Stefano Firpo & Catia Bastioli)

13.10 Lunch

14.10 How Horizon 2020 and the BBI Initiative is supporting a sustainable and competitive bioeconomy and bio-based industries in the Mediterranean region

Chairs: Waldemar Kutt, European Commission - DG RTD; Philippe Mengal, Executive Director Bio-based Industries Joint Undertaking

14.15 Examples of BBI Initiative funded projects promoting bioeconomy in the Mediterranean area

Catia Bastioli, FIRST2RUN (Flagship on agro-food chain based biorefinery)

Javier Branas, NEWFERT (RIA on biowaste exploitation)

Gianluca Belotti, AGRIMAX (DEMO, agricultural and food waste valorisation based on flexible multi-feedstocks biorefinery processing technologies for new high added value applications)

15.00 Examples of Horizon 2020 funded projects promoting bioeconomy in the Mediterranean area

Marjeta Čandek-Potokar, TREASURE (RIA, on animal production)

Daniele Colombo, PROBIO (CSA, implementation of the results of KBBE projects carried out in the MED)

16.00 Round Table: stakeholders' suggestions on how Horizon 2020 and BBI Initiative can contribute exploiting bioeconomy potential in the Mediterranean region

Chair: Christian Patermann

Speakers: Joaquin Villar (Spain); Mateja Dermastia (Slovenia), Vittorio Maglia (Italy), Maria Joao Fernandes (Portugal); Julien Dugue (France), Electra Papadopoulou (Greece), Ioannis Vyrides (Cyprus)

17.20 Conclusions and future actions

Chairs: Waldemar Kutt, European Commission – Head of Unit DG RTD, Philippe Mengal, Executive Director Bio-based Industries Joint Undertaking and José Manuel Gonzalez Vicente, Chair of the Bio-based Industries Joint Undertaking States Representatives Group (SRG)

EN/IT translation will be provided

	10 november Biobased Industry Room	D3 PAV
10.00 a.m.. – 1.00 p.m.	Role and opportunities for forestry and wood products in the circular economy	
By APSTI, Assobiotec, PTP Science Park		

New technological opportunities are now available to valorize wood residues. Research on wood biomass conversion into chemicals is well advanced, and conversion of wood biomass and lignocellulose derived by the paper and pulp industry is already performed. Regional, National and EU initiatives to improve forest management and to valorize different wood product value chains, together with industrial examples of wood reuse and recycling will be described and discussed in this Session.

Presidenti di Sessione

Stefano Bisoffi, CREA
Massimo Ramunni, Assocarta

Programma

- 10.00-10.10 Introduction
- 10.10-10.30 Italian forestry
Stefano Bisoffi, CREA
- 10.30-10.50 EU Forest-based Sector Technology Platform - FTP
Giuseppe Scarascia Mugnozza, Unitus
- 10.50-11.10 Forest-based Sector Technology Platform ITALIA
Massimo Ramunni, Assocarta
- 11.10-11.30 Lignocellulose refinery
Pasquale Granata, GF Biochemicals
- 11.30-11.50 "short chain" industrial biofuel and bioenergy production
Simone Tonon, Biomasse Italia
- 11.50-12.10 Industrial wood recycling
Omar Dególi, Federlegno Arredo
- 12.10-12.30 The Ecolegno experience
Network Ecolegno - Gruppo Mauro Saviola, TBC
- 12.30-13.00 Discussion and Closure

Conference held in Italian language

	10 november Diotallevi 1 Room	SOUTH HALL
10.00 a.m.. – 1.30 p.m.	Research and innovation initiative for blue jobs and growth in the Mediterranean	
Organized by: The Marine Resources Unit from DG Research and Innovation, European Commission, the		

The BLUEMED initiative aims at promoting an integrated R&I plan for a more sustainable management and exploitation of the potential of the Mediterranean Sea marine and maritime sectors facing the relevant challenges of the area by creating new “blue” jobs, promoting social cohesion, and at the same time by improving the environmental status and the local citizens’ wellness. The EU Members States joining this initiative, agreed to jointly develop and implement i) cross-cutting R&I actions with relevant economic and societal impact, ii) technology/knowledge transfer, iii) knowledge based policies, and iv) education and training towards researchers, as well as technical career paths and their recognition. The synergies and complementarities among sectors and Countries will provide added value to regional, national and EU investments, avoiding duplication and reducing fragmentation. The aim of this event is to present and discuss with major stakeholders the Blue Growth potential in the Mediterranean Sea and in particular:

- 1) The major objectives and actions of the BLUEMED initiative,
- 2) The Horizon 2020 Programme funded BLUEMED Coordination and Support Action, the project that will support and facilitate the implementation of the BLUEMED Initiative in the region for the next 4 years,
- 3) The major objectives and actions of the EU Strategy for Adriatic and Ionian Region (EUSAIR) and the possible convergence with the objectives of the BLUEMED Initiative, and
- 4) The involvement and active participation of other Mediterranean countries, also through the Union for Mediterranean and other relevant initiatives, in the process of achieving sustainable blue growth in the region.

Section Chairs

Sigi Gruber, European Commission (DG RTD)
Luca Marangoni, European Commission (DG MARE)

Programme

10:00 - 10:30

Introduction by the Chairs:

Sigi Gruber, European Commission (DG RTD)
Luca Marangoni, European Commission (DG MARE)

Welcome address by Silvia Velo - Secretariat of State, Italian Ministry of the Environment

10:30 – 10:50

The BLUEMED INITIATIVE: objectives, achievements and future actions

Fabio Fava, University of Bologna, Italy & IT Representative, Horizon2020 SC2 and BLUEMED

10:50 – 11:10

The BLUEMED Coordination and Support Action: objectives, proposed achievements and future actions

Enrico Brugnoli, CNR, Italy & Coordinator of the BLUEMED CSA

11:10 - 11:30

EUSAIR: objectives, achievements and future actions in cooperation with BLUEMED

Sofia Loukmidou (Coordinator for EUSAIR Pillar 1 – Blue Growth) and Blanka Belosevic (Coordinator for for EUSAIR Pillar 4 – Sustainable Tourism)

11:30 - 11:45

Regional dialogue in the Mediterranean: how can BLUEMED and UfM create synergies?

Alessandra Sensi, Union for Mediterranean Secretariat

11:45 - 13:20

Round Table: challenges, needs and opportunities of the blue growth in the Mediterranean area: towards a common R&I agenda?

Chairs: Vangelis Papathanassiou, BLUEMED

Sofia Loukmidou Coordinator for EUSAIR Pillar 1 Blue Growth,

Speakers (TBC): Representatives of the Countries in the BLUEMED initiative (Mr Pierpaolo Campostrini, Mr Ivica Vilibic, Mr Vlado Malacic, Mr Albert Palanques); BLUEMED CSA Coordinator (Mr Enrico Brugnoli); 4 EUSAIR Pillar Coordinators (Milena Krasic, Pillar 2, Sonia Popa, Mitja Bricelj, etc;

13:20-13:30 Closure

EN/IT translation will be provided

	11 november Ravezzi 2 Room	SOUTH HALL
9.30 a.m. – 3.15 p.m.	Combating marine oil spills (Final Conference of the KILL•SPILL project)	
Organized by: Kill Spill partners, EFB and CTS Ecomondo		

The FP7-project Kill•Spill delivers innovative (bio)-technologies for the clean-up oil spills. Kill•Spill develops technologies aiming at intensified biodegradation processes through bioaugmentation/biostimulation as follow-up to mechanical emergency response and/or long-term actions in aerobic/slight anoxic compartments. Kill•Spill also develops (bio)-technologies adapted for the remediation of anoxic/anaerobic fresh & chronically polluted sediments. Kill•Spill compiles knowledge on dispersion/sorption and biodegradation processes to produce multifunctional products, which are suited for follow-up and long-term actions. The multifunctional products address the necessity for integrated bioremediation (bioavailability, metabolic requirements, etc.) and are efficient along the whole redox gradient from surface water to sediments.

Section Chairs

Nicolas Kalogerakis, Technical University of Crete, Greece

Philippe Corvini, University of Applied Sciences and Arts Northwestern Switzerland, Switzerland

Programme

9.30. Registration

10.00. Welcome by Organizers (Nicolas Kalogerakis and Philippe Corvini)

10.10. Blue growth challenges from the EC perspective (Sieglinde Gruber, Head of the Marine Resources Unit of the European Commission's DG Research and Innovation)

10.20. The BlueMed Initiative (Fabio Fava, Italian representative, SC2 Horizon 2020 programming committee & BlueMed initiative strategic board)

10.40. Legal Aspects of the Salvage & Environmental Response to a Pollution Incident (Andrew Dyers, Hill Dickinson International, Greece)

11.00. Spill Case Studies (Vassilis Mamaloukas, EPE, Greece)

11.30. Recent developments and technological gaps /Overview of the KILL•SPILL project (Nicolas Kalogerakis)

12:00. Networking lunch and posters

13.00. KILL•SPILL biosurfactants & bio-based products (Ibrahim Banat, University of Ulster, Ireland)

13.30. KILL•SPILL products for oil spills and sediments (Giulio Zanaroli, University of Bologna, Italy)

14.00 KILL•SPILL monitoring tools (Fernando Rojo, CSIC, Spain)

14.30. Future Challenges in oil spill research (Nicolas Kalogerakis)

14.45. Round Table Discussion (moderated by Philippe Corvini)

15.15. Closing Remarks & end of the workshop

Conference held in english language



BEACON EVENT	9 november Diotallevi Room 1	SOUTH HALL
10.00 a.m. – 5.30 p.m.	Circular & critical raw materials. New opportunities for manufacturing industries	
Organized by: Edizioni Ambiente, Rivista Materia Rinnovabile, ENEA, Ecomondo Technical-Scientific Committee		

Big News in the world of raw materials supplying the industrial production: material economics are changing, and in a short time the relationship between resources and the natural capital may change as well. The key element of these changes lies in new "renewable materials" that are appearing in the market. They are, on one side, biomaterials – among which bioplastics are becoming increasingly important – and on the other hand new materials coming from "urban mines" and "industrial mines", that's to say what we called "waste" till yesterday and that, under certain conditions, can become new raw materials for the future. Moreover, the main manufacturing countries throughout the world, including EU, pay outstanding attention to the mitigation of possible supply shortage of raw materials. (EU, USA, Japan arranged a list of critical raw materials and devote big efforts on competitive recycling of end-of-life products, research for new materials designed to replace the critical ones). In this context, how should the industrial supply chains be organized to ensure quality and continuity to the new matter flows? The event will focus on problems related to different models of industrial organization, technological innovation, critical materials and best practices.

Section Chairs

Roberto Coizet (President, Edizioni Ambiente)

Roberto Morabito (Director of Department for Sustainability, ENEA)

Programme

Session 1: Raw materials in global scenarios

Chair: Roberto Morabito

10.00-10.20 Introduction and short summary

Roberto Morabito

10.20-10.30

Marco Moro (Editorial director of Renewable Matter magazine)

10.30-10.50 Raw materials as a gear of the circular economy: the business' point of view./ Le materie prime nel meccanismo della circular economy

Fabio Iraldo, IEFE Bocconi University

10.50-11.10 The Finnish material efficiency programme and the recent Finnish Circular economy Roadmap

Mrs. Erja Fagerlund, Ministerial Advisor, Ministry of Economic Affairs and Employment, Finland

11:10 – 11:30 Criticality for raw materials as a function of time, markets, policy / Criticità delle materie prime come funzione del tempo, dei mercati e delle politiche

Luis Tercero Espinoza (Fraunhofer ISI)

11.30-11.50 Innovation, education and business as key players to mitigate raw materials shortage in Europe / Innovazione, educazione e business come attori chiave per la mitigazione della scarsità di materie prime in Europa

Pierluigi Franceschini (Manager, Southern CLC, EIT RAW MATERIALS)

11.50-12.10 An outlook of circular economy and on raw materials in Italy / Lo scenario dell'economia circolare e delle materie prime in Italia

Laura Cutaia (ENEA)

12.10-13.00 Discussion and Conclusions

Roberto Morabito

Session 2: Circular materials amongst old and new industrial value chains

Round table session involving industry testimonials

Chair: Roberto Coizet

14.30-14.40 Introduction

Roberto Coizet

14.40-14.55 Andrea Di Stefano, Novamont: Renewable materials as engine for the industrial reconversion / La materia rinnovabile al centro della riconversione industriale.

14.55-15.25 Filippo Brandolini, Herambiente, Alessandro Massalin, Officina dell'Ambiente, Daniele Gizzi, Aitec: Valorizing waste as new raw materials – The importance of securing quality in the supply chain / Valorizzare gli scarti: l'importanza del fattore qualità lungo tutta la filiera

15.25-15.40 Gino Schiona, CIAL: The perspectives for Permanent Materials / Le prospettive dei "materiali permanenti"

15.40-15.55 Achille Monegato, Favini, Waste and byproducts as new raw materials - Criteria of selection / Criteri di individuazione e selezione degli scarti come materie prime

15.55 -16.10 Marcello Somma, Fater , Integrating places and industrial processes / L'integrazione dei processi industriali nei territori

16.10-17.00 Discussion

17.00-17:30 Conclusions

Roberto Coizet

EN/IT translation will be provided



BEACON EVENT	10 november Tiglio Room 1	A6 PAV
9.30 a.m. – 5.00 p.m.	Circular economy. An opportunity for the competitiveness and sustainability of the Italian production system	
By: ENEA and Ecomondo Technical-Scientific Committee		

9.30–10 a.m. Registration of participants

10–10.30 a.m. Greetings and Opening

Coordinated by Morabito – ENEA and Bonato - REMEDIA

Chamber - Ministry for the Environment and Protection of Land and Sea, DG for Sustainable Development, Climate and Energy

Stefano Firpo – Ministry of Economic Development, DG for Industrial Policy, Competitiveness and SMEs

1st Session Strategic Context: a new model of social and industrial development

Coordinated by Bonato – REMEDIA

10.30–10.50 a.m. Strategic approach towards the circular economy

Morabito – ENEA, Sustainability of Productive and Territorial Systems Department

10.50–11.10 a.m. European Circular Economy Package

Vincenzo Gente – European Commission, Research & Innovation DG

11.10–11.30 a.m. Circular economy and industry

Andrea Bianchi – Confindustria

11.30–11.50 a.m. Circular economy: market and responsibility of the producer - the risks for success

Nepi – FISE-UNIRE

2nd Session The role of regulation: requirements, expectations and opportunities

Coordinated by FISE-UNIRE

11.50 a.m.–12.10 p.m. The strategic importance of incentives to the demand for sustainable products and raw materials (GPP tax incentives, etc.)

Simona Bonafè or Chiara Braga, TBD

12:10–12:30 The fundamental role of EPR systems

Bonato - REMEDIA

12.30–12.50 p.m. End-of-Waste Decree

Ministry for the Environment and Protection of Land and Sea, Waste DG, TBC

12.50–13.10 p.m. Reach regulation and recycling

ENEA/Ministry of Economic Development

1.10–2.20 p.m. Lunch break

3rd Session Technologies and approaches for end of cycles in the industrial sector

Coordinated by Brunori – ENEA

2.20–2.40 p.m. End of cycles in consumer goods design and production processes: a success story

HP or PHILIPS, TBD

2.40–3 p.m. End of cycles in industrial areas: positive examples of industrial symbiosis between dissimilar industries

Industry or representative of industrial area in Rieti, Sicily or Emilia-Romagna, TBD

3–3.20 p.m. Eco-design for end of cycles

Paola Sposato-ENEA

3.20–3.40 p.m. End of cycles in product value chain: the case of end-of-life tyres

Ecopneus, TBC

3.40–4 p.m. Recycled aggregates from C&D
 Giorgio Bressi, ANPAR (Italian Association of Recycled Aggregate Producers) TBC

4th Session The Circular Economy: benefits for businesses - business success stories

Coordinated by Morabito - ENEA

4–4.20 p.m. Procurement (Adidas, Timberland?)

4.20–4.40 p.m. Production (Green Chemistry, ?)

4.40–5 p.m. Distribution (Oviesse?)

5 p.m. Conclusions and close

Conference held in Italian language



BEACON EVENT	9 november Condominio Eco Room	B7 PAV
2.00 – 6.00 p.m.	Circular Economy & Smart Cities: opportunities and outlook	

This event proposes to discuss the opportunities that implementing the Circular Economy in the urban environment can generate, in particular if joined with the recent technologies and functionality that are characterising the new Smart Cities. There are many environments in which benefits are available for society, from the construction and demolition waste sector to circular management of urban waste and energy, right through to local resource management. Management that requires coordination between the companies that operate in the areas and the public sector that provides services for it, also thanks to shared flows of material and information. There are already some positive examples in Europe (e.g. Amsterdam with city planning based on principles of circularity, Hannover with the zero-waste and sustainable design, etc.), but the widespread diffusion of these tendencies is still very limited in effect. It is necessary to understand what services and products can be developed and what smart technology and business models can make them sustainable. Presentations by experts, service providers, technologies and the public sector will, on one hand, demonstrate the essence of the concepts, but on the other allow opportunities and outlook in Italy and Europe to be sketched out, allowing the cities of the future to implement a concrete approach to industrial symbiosis.

Coordinator:

Gian Marco Revel, Università Politecnica delle Marche, Italian Construction Technology Platform Coordinator

Programme

Greetings

Introduction: Patrizio Bianchi, Councillor for the coordination of European policy for development, education, professional training, universities, research and work, Emilia Romagna Region

- Ashima Sukhdev, Government and Cities Lead, Ellen MacArthur Foundation

- Francesco Profumo - IREN President
- Massimiano Tellini - Intesa Sanpaolo Group, Chief Innovation Officer Area, Head - Circular Economy Project
- Antonella Galdi, ANCI
- Marco Castagna – AMIU President: Genova City: Waste management in Smart Cities: the application of circular economy in Genoa – LiguriaCircular
- Bernd Gawlik - European Commission, DG Joint Research Centre, Unit H 01: " The Circular Economy Package for water resilient and smart cities - opportunities for innovation and growth"
- Marco Granelli – Councillor for Mobility and Environment, City of Milan
- Lanfranco Marasso - Engineering

Conclusions: Carlo Maria Medaglia, Head of Technical Secretariat of the Ministry of Environment

EN/IT translation will be provided

BEACON EVENT	10 november Ravezzi Room 1	SOUTH HALL
9.30 a.m. – 6.00 p.m.	Circular economy and urban waste management: let's start circulating in it. What must change, how and when	
Organised by ATIA-ISWA ITALIA and ACR+ (Association of Cities and Regions for Recycling and sustainable Resources management) with the sponsorship of CONAI (Italian National Packing Consortium) , FISE Assoambiente (Association of Environmental Services Companies) and UTILITALIA (Italian Association of Public Utility and Environmental Services)		

About Circular Economy (CE) and the application of its principles to municipal waste management there is much talk and on several occasions. In general, in the statements made by representatives of institutions, organizations, companies and stakeholders the prevailing approach is "legal / bureaucratic" In fact, we often hear: "should be changed some directives", "we have to transpose some directives", "we must issue some decrees" ... and so on. Furthermore, with regard to municipal waste management, the prevailing theme in the current debate is the separate collection. No doubt the collection is a fundamental step to start the virtuous circle that is the basis of CE. However, given that to apply the principles of CE it is of course necessary to take into account both economy and sustainability, it is also essential to focus attention on the economic and environmental implications of the application of CE principles to all stages of the concerned industrial sectors. Thanks to the contribution of experts working in key International and European Institutions, Associations and Companies, the conference will shed light on these implications into the entire system of municipal waste management . There will also be illustrated some - national and European - examples and case studies of real application of the CE in the waste sector.

Section Chairs

Giulio Quercioli Dessena, President ATIA-ISWA ITALIA
 Françoise Bonnet, Secretary General ACR+

Programme

9:30 Registration of participants
 10:00 Present the conference
 Françoise Bonnet, Secretary General ACR +
 Giulio Quercioli Dessena, President ATIA-ISWA ITALIA

Key speeches

10:20 Markus Zils, Returnity GmbH

10:50 Silvija Aile, Unit Waste Management & Recycling, DG Environment - European Commission

11:10 Round table

“European Circular Economy: Utopia or Opportunities?”

Moderates: Roberto Caggiano, President Technical Committee ATIA-ISWA ITALIA

Lighea Speciale, CEWEP (Confederation of European Waste-to-Energy Plants)

Stéphane Arditi, EEB (European Environmental Bureau)

Joachim Quoden, EXPRA (Extended Producer Responsibility Alliance)

Carlo Noto La Diega, FEAD (European Federation of Waste Management)

Stefano Leoni, Fondazione Sviluppo Sostenibile

Per Stolz, IKEA Group

Vanya Veras, MWE (Municipal Waste Europe)

“And what for Italy? The scenario and the ambitions”

12:30 Walter Facciotto, CONAI

12:45 Cesare Spreafico, FISE Assoambiente

13:00 Filippo Brandolini, UTILITALIA

13:15 Questions and answers

Lunch break

Case Studies: Successes and hopes.....

The strength of economic incentives towards municipalities

14:30 Sylvie Meekers, Deputy head of Cabinet of the Minister of Environment of Wallonia

The Wallonia Waste Management System

14:50 Danilo Bonato, Consorzio REMEDIA

Application perspectives of Circular Economy principles to WEEE (Waste Electrical Electronic Equipment) management

The strength of a multi-stakeholders approach

15:10 Bilyana Spasova, ACR+

IMPACTPaperRec - Boosting the Circular Economy: European project to promote separate paper collection

15:30 Fabrizio Adani, Gruppo RICICLA, DiSAA – Università degli Studi di Milano

Renewable fertilizers from organic waste: a real Circular Economy

15:50 Focus on Plastic

Round table “Plastic Waste: why and how they could contribute to the Circular Economy”

Moderates: Mario Grosso, Politecnico di Milano - Centro MatER

Alexandra Lange, ECO-EMBALLAGES

Luca Stramare, COREPLA

Marco Versari, NOVAMONT S.p.A.

Paolo Glerean, PRE (Plastic Recyclers Europe)

17:00 Questions and answers

17:30 Closing remarks: Françoise Bonnet and Giulio Quercioli Dessena

18:00 Closing of the conference

EN/IT translation will be provided