

# Lab e1lab

THE LABORATORY FOR THE MANAGEMENT  
OF WASTE, ENERGY, AND WATER

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

# > Ravenna 2009

Waste, water, energy.  
Sustainability, innovation,  
cities and territory.

Ravenna  
30 september  
1/2 october  
2009

- > Conference
- > Workshop
- > Lab Meeting
- > Cultural events

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# > What is Ravenna 2009

It is an environment festival, three days of information and training meetings dedicated to technical-economic issues in the fields of waste, water and energy management.

## References

Following the positive experience of Ravenna2008, which took place from 8th to 10th October 2008 and which has produced a network of contacts, the following goals are expected to be achieved:

- >consolidate the double success we have obtained, based on an efficient mix of old town centre/territory and integration/development of waste-water-energy issues;
- >presentation and diffusion of innovations, best practice cases;
- >greater involvement of local administrations/organizations in cultural events.

## Objectives: and the "4TRAs"

The specific goals of the event are summarized through the "4TRAs":

- transparency** within the sectors for a better knowledge of the issues at all levels (technical, economic etc.)
- transferability**, of ideas, experiences, best practices;
- transversality** of knowledges and cultures within the single sectors (waste, water, energy)
- traceability** for the monitoring of the organizational systems and the certification of the management processes.

## Why should we still speak about waste, water, energy?

...in training courses, workshops, conferences.

■ The management of the environmental complexities at local level within the waste, water, energy sectors does represent a challenge for the Italian Regions, local administrations and business enterprises. The integration of sectors is fundamental in facing the new technological challenges and the adaption to new standards...awaiting the third industrial revolution, which many foresee as future scenario.

...in cultural events.

■ Research, knowledge, innovation, art and culture perceived as the ideal ground from which a new way of thinking, acting and communicating can emerge. The works of artists, the innovations coming from companies, the new forms of communication are all at the base of our proposals of cultural events. Environmental sustainability considered as an aesthetic value and of values – the reacquirement of "beauty" and "truth".

Define future strategies for a sustainable and efficient management

rifiuti!lab  
THE LABORATORY FOR THE  
MANAGEMENT OF WASTE

acqua!lab  
THE LABORATORY FOR THE  
MANAGEMENT OF WATER

energia!lab  
THE LABORATORY FOR THE  
MANAGEMENT OF ENERGY

# > Ravenna 2009

Waste, water, energy.  
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cities and territory.

## > General programme

January 2009

The event will be organized in Ravenna's Old Town Center, offering participants the opportunity of staying in one of the many Hotels.



“  
Meeting  
Discussing  
Learning  
Understanding  
Acting  
Changing  
”

### When

### Event

### Target

Wednesday 30/09/2009

#### > Conference

sector experts; companies;  
foreign guests;  
university;  
ATO/Local agencies

Wednesday 30/09/2009  
Thursday 1/10/2009

#### > Workshop

specialists and experts;  
administrators;  
foreign guests

Thursday 1/10/2009  
Friday 2/10/2009

#### > LabMeeting

project designers;  
companies;  
ATO/local agencies

Wednesday 30/09/2009  
Thursday 1/10/2009  
Friday 2/10/2009

#### > Cultural events

sector experts,  
students, university,  
citizens

The Ravenna 2009 event officially starts out with this newsletter, with a “time schedule” illustrated on the right side of this page. Up-to-date information on the organization of the event can be found on the official website of the meeting and on the Rifiutilab, Acqualab and Energielab portals. The three day meeting in Ravenna is open to organizations, companies, institutions and people working in the field.

## Why a labelab initiative?

An interest over the proposed issues has been at the base of the internet portals created by Labelab: Rifiutilab, Acqualab, Energielab. In these years our websites have represented a moment of virtual encounter for thousands of experts, actively contributing to the cultural growth of workers specialized in the management of waste, water and energy.

Through this initiative, we wish to expand our market on the web, offering the opportunity of analysing the issues we have always discussed on our portals. The Ravenna event will be organized in collaboration with the external networks collaborating in the project (trade associations, national and international work groups).

## > Calendar

December 2008:	launch of the initiative
January 2009:	realization of a Presentation Brochure, ITA/ENG
March 2009:	closing of request forms from sponsor agencies and partners
May 2009:	closing of Call for Papers
<b>June 2009:</b>	<b>final programme with details on conditions of participation</b>
August 2009:	closing of request forms to LabMeeting
September 2009:	deadline for request forms to single events: LabMeeting, Workshop, Conference

### > Our philosophy

Ravenna 2009 maintains the OPEN character displayed in Ravenna 2008. All events are free of charge, except for the training courses (labMeetings). The contribution of our partners/sponsors, in terms of economic resources and operative support (communication through their channels, access to meeting halls, personnel, etc.) has therefore been fundamental for the organization of the event at national level.

### > Organization

Official organizer is Labelab, for information and details refer to Labelab website and to the event email

**Web: [www.ravenna2009.it](http://www.ravenna2009.it) Email: [segreteria@ravenna2009.it](mailto:segreteria@ravenna2009.it)**

## > Conference

this represents the starting point and main activity of the three day event. The themes and issues of the festival will be introduced by national and international experts.

## > Workshop

They are moments of discussion and debate between experts of the sector. We expect a collaboration with "Reti Esterne" to promote technical meetings with their members in Ravenna.

## > Cultural events

Research, knowledge, innovation, art and culture perceived as the ideal ground from which a new way of thinking, acting and communicating can emerge.

## Call for Papers

### WASTE, WATER, ENERGY. SUSTAINABILITY, INNOVATION, CITIES AND TERRITORY

- Concept** The initiative is aimed at selecting the best technical-scientific solutions adopted for water resource use, for the valuation of renewable sources, energetic efficiency and waste management at local level. The meeting's aim is to coordinate the DIFFUSION, DIALOGUE, CONFRONTATION AND TRANSFERABILITY of these experiences.
- Goals** transparency within the sectors for a better knowledge of the issues at all levels (technical, economic etc.)  
transferability, of ideas, experiences, best practices;  
transversality of knowledges and cultures within the single sectors (waste, water, energy)  
traceability, for the monitoring of the organizational systems and the certification of the management processes.

### Posting of contributions

Those who are interested may apply for participation sending an abstract at the following email address [segreteria@ravenna2009.it](mailto:segreteria@ravenna2009.it). The proposed abstracts, in Italian or English, must be of high technical-scientific interest.

In this phase we expect to realize:

- an **International Contemporary Art Exhibition**;
- an **exhibition of works placed along the pedestrian routes** in Ravenna's old town centre;
- an **exhibition** of innovative technologies in Piazza del Popolo;
- **other events** proposed in collaboration with local organizations/professionals;
- **communication and training moments**. In Piazza del Popolo there will be training spaces run by experts in communication

# > LabMeeting

These are actual training courses and of debate on issues of interest for operators, professionals, local administrations. They are organized with the help of dedicated software and case-studies (see the specific programme). The aim of labmeeting is to present innovative approaches, technologies, methods and work instruments.

Participants in Ravenna will therefore have the opportunity to listen to and participate in discussion, but will furthermore have the opportunity to give body to their participation through moments of specific learning.

## Preliminary program - january 2009

Riferimento	Settore	Keywords
LabMeeting A	WASTE	MUNICIPAL SOLID WASTES, ORGANIZATIONAL MODELS -TECHNICAL ASPECTS
LabMeeting B	WASTE	MUNICIPAL SOLID WASTES, ORGANIZATIONAL MODELS -ECONOMICAL ASPECTS
LabMeeting C	WASTE	CLEANING AND SWEEPING SERVICES
LabMeeting D	WASTE	WASTE PLANTS
LabMeeting E	WASTE	WASTE TARIFF -TAR SU
LabMeeting F	WASTE	INTEGRATED SOLID WASTE PLANNING
LabMeeting G	WASTE	RECLAMATIONS, CHARACTERIZATION PLANS, QUALITY STANDARDS
LabMeeting H	WASTE	RECLAMATIONS AND MANAGEMENT OF EXCAVATED ROCK AND SOIL
LabMeeting I	WATER	REMOVAL OF NUTRIENTS FROM DISCHARGE WATERS: TREATMENT SCENARIOS, NEW PROCESSING TECHNOLOGIES
LabMeeting L	WATER	SLUDGE RESULTING FROM DEPURATION: SCENARIOS AND THE POSSIBILITY OF DISPOSAL, NEW REGULATIONS, TECHNOLOGICAL DEVELOPMENTS
LabMeeting M	WATER	THE REUSE OF REFLUENT WATERS, IN THE URBAN AND INDUSTRIAL SPHERES: DEVELOPMENTS IN REGULATIONS AND TECHNOLOGY, CASE APPLICATIONS
LabMeeting N	WATER / ENERGY	ENERGETIC USE OF BIOGAS FROM BIOMASS: BIOGAS FROM THE CO-DIGESTION PROCESS OF REFLUENTS, BIOGAS FROM LANDFILL
LabMeeting O	ENERGY	SUSTAINABILITY: (FROM KYOTO) TO COPENHAGEN
LabMeeting P	ENERGY	CITIES: BIOARCHITECTURE AND ENERGETIC SAVINGS
LabMeeting Q	ENERGY	TERRITORY: DIFFUSE GENERATION (INCREASE OF RENEWABLE SOURCES, METHODOLOGIES)
LabMeeting R	ENERGY	INNOVATION AND CERTIFICATION IN THE ENERGETIC FIELD

# lab e lab

Labelab, the laboratory for the management of waste, water, energy, has been active since 2001 in the public utility sector, through the work of 50 experienced professionals operating at national level in the waste, water, energy sector. Labelab's main activity regards the realization and management of the internet portals Rifiutilab ([www.rifiutilab.it](http://www.rifiutilab.it)), Acqualab ([www.acqualab.it](http://www.acqualab.it)) and Energiab ([www.energiab.it](http://www.energiab.it)). The project took start with the aim of offering a contribution to innovation in the field of waste, water, energy management through the sharing of knowledge and the building of a network of technicians (designers, administrators, suppliers of equipment and services, scientific community) at national and international level. Another important activity carried out by Labelab is the realization and development of innovative software for use in the waste, water and energy sectors.

## Project news

- **Tariff Benchmark** from waste treatment and disposal plants in Italy, in collaboration with Consorzio di Bacino Padova 2 , Online: [www.rifiutilab.it/benchmarkimpianti](http://www.rifiutilab.it/benchmarkimpianti)
- **Waste tariff database** (called "tariffometro" Waste). Which tariffs are applied in a given Municipality ? in collaboration with Consorzio di Bacino Padova 2 and Osservatorio Rifiuti Provincia di Torino. Online: [www.rifiutilab.it/tariffometro](http://www.rifiutilab.it/tariffometro)
- **Water tariff database** (called "tariffometro" Water). Which tariffs are applied in a given Municipality ? These questions are answered by our new software "Tariffometro SII", developed in collaboration with Ref (Research for Economy and Finance). Online: [www.acqualab.it/tariffometro](http://www.acqualab.it/tariffometro)
- **Research4energy** is a web portal and information service network entirely dedicated to the "energy" issue, for companies and professionals working in the sector, public and financial institutions, foundations, research institutes, etc. Research4energy has been realized through collaboration with eXtrapola, leader in Italy in monitoring online information and contents. Online: [www.research4energy.it](http://www.research4energy.it)
- **News January 2009** - the start of a "labelab" blog, a platform for the sharing of contents, news, information, images and videos attaining to the waste, water, energy issues. "Social" conversations on sustainable development at [www.labelab.it/blog](http://www.labelab.it/blog)

Sharing of knowledge and diffusion of information for innovation in the sector

# info

## on the previous event

# > Ravenna 2008

[www.ravenna2008.it](http://www.ravenna2008.it)

Over one thousand registered participants from all over Italy have participated in this three day event promoted by Labelab in the old town centre of Ravenna. "Ravenna 2008" ended with an "open conferente" at the Alighieri Theatre. In the course of those three days, the event has allowed participants to focus on various aspects, thanks to the 16 LabMeetings (they were actually training laboratories) and to the 12 workshops, developed together with major national organizations and local administrations in the field of waste, water and energy: Federambiente, Regione Emilia-Romagna, Conai, Ente di Bacino Padova 2, Ansep-Unipam (together with the international network Euroshore), Bureau Veritas Italia, Fondazione AMGA, Scuola Agraria del Parco di Monza, CIC-Consortio Italiano Compostatori, Confindustria Ravenna, CNA Ravenna, Azienda Speciale S.I.D.I. - Eurosportello, CCIAA Ravenna, while citizens have been able to get familiar with avant guard experiences thanks to the exhibition organized in collaboration with Agenda 21 Locale in the heart of Ravenna's Piazza del Popolo, which has attracted thousands of visitors and so many school-children. Besides the exhibition of technologies in Piazza del Popolo, great success has been obtained by the International Exhibition on Contemporary Art centred on themes attaining to the event (organized in collaboration with MAR (Art Museum in Ravenna). The artists, of international fame, come from different cultural backgrounds and from different geographical areas (from China to India and from Latin America to Europe). Each has given voice to the theme of environmental sustainabiity, each through his/her culture, tradition and sensibilita'e0, ranging from video art to photography and from painting to installations.

