

## News

### NEWS



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#### **Latest research and developments to be showcased at EWCHP »**

The 3rd European Workshop on Cultural Heritage Preservation (EWCHP) will take place in Bolzano (Italy) from 16 – 17 September 2013, with an additional training day on 18 September 2013. Hosted by EURAC Research and the 3ENCULT project, the workshop is a ...

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In June 2013, Prague (Czech Republic) will host one of the most significant events of the year within the field of heating, ventilation and air conditioning (HVAC) in buildings – the REHVA Congress CLIMA 2013. The event will be the 11th in the REHVA ...

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#### **Energy Days event attracts diverse stakeholders »**

As part of the Bologna (Italy) Energy Days event, which explored energy conservation and retrofitting in historic buildings, the 3ENCULT project held the seminar “Conservation and energy retrofitting of historic buildings”. The event took place in the ...

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## Financing and reconstructing following natural disaster focus of Bologna workshop »

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## EWCHP 2013 - deadline for submitting abstracts slightly extended to 7th of April 2013 »

The high number of abstracts submitted for the 3rd edition of the European Workshop on Cultural Heritage Preservation reflects the interest across Europe in this challenging research field involving so many disciplines and lets us look forward to a very ...

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NEWS



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## Salone del Restauro »

3ENCULT participates in the 20th edition of one of Europe's most important fairs on conservation and restoration of our cultural heritage, both with a booth and two public seminars. Visit us at Pavilion 4 stand 17 and take the chance to inform you in ...

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<http://www.3encult.eu/en/newsevents/newsletter/>

## Cultural heritage and energy efficiency workshop at EUSEW to focus on market ready solutions



3ENCULT will held a seminar in Brussels (Belgium) during the European Sustainable Energy Week, offering practical guidance and advice to local governments and other owners and managers of historic buildings.

Mindful of the need to improve the resilience of our vulnerable historic buildings, which are a major part of Europe's cultural heritage and bring thousands of tourists to the continent every year, the workshop, which will take place in **Brussels on Friday 28 June 2013**, will focus on identifying market ready technical solutions, outlining how these can be used in a protected environment.

The workshop will also look at creating win-win situations, with heritage protection on one hand and energy savings and emissions reduction on the other. Experts from local governments, research and business, engaged in several European projects will outline potential innovative approaches, which will be explored at the event. An update on market ready solutions for preservation, as

well as a variety of innovative energy efficient and renewable energy options applicable to both historic buildings and protected monuments will be shared.

The event is organised by 3ENCULT partner ICLEI Europe as a Covenant Supporter within the **Covenant of Mayors**, together with the 3ENCULT.

View the [programme](#) of the work shop.

**For more information and to register please contact:**

ICLEI - Giorgia Rambelli ad [giorgia.rambelli@iclei.org](mailto:giorgia.rambelli@iclei.org) or +49 761 36892-0

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## Latest research and developments to be showcased at EWCHP

EWCHP-2013  
3<sup>rd</sup> European Workshop  
on Cultural Heritage Preservation  
Bozen / Bolzano, Italy, September 16 to 18, 2013

[www.3encult.eu/en/ewchp](http://www.3encult.eu/en/ewchp)



**The 3rd European Workshop on Cultural Heritage Preservation (EWCHP) will take place in Bolzano (Italy) from 16 – 17 September 2013, with an additional training day on 18 September 2013.**

Hosted by EURAC Research and the 3ENCULT project, the workshop is a European Cluster Workshop on research and development activities in the field of cultural heritage and its preservation for future generations.

The workshop will bring together European activities and initiatives that encompass the current state-of-the-art research and development in the field. The workshop will provide a forum for scientists, curators, owners of cultural heritage real estate, and other experts involved in cultural heritage preservation to discuss and share experiences.

In a special training day on 18 September, participants will have the possibility to take part in a more in-depth

workshop, working hands-on with tools developed in the projects, or discussing a topic of interest in a smaller group. The specific workshops will be announced [on the Conference Web Page](#).

**For more information and to register please [CLICK HERE](#).**

On the occasion of EHCWP, ICLEI Europe will organise the third and final study tour targeting local governments. The tour will take place in Bolzano (Italy) and Innsbruck (Austria). Participants will have the chance to visit two 3ENCULT case studies: Public Weighhouse and the Neue Mittelschule Hötting. Policy makers and technical staff, urban planners and those working on monument protection are invited to join the experts in exploring innovative solutions for the energy efficient retrofit of historic buildings, as well as approaches for the integration of these measures within climate and energy action plans.

For more information and to register please contact:

ICLEI - Giorgia Rambelli ad [giorgia.rambelli@iclei.org](mailto:giorgia.rambelli@iclei.org) or +49 761 36892-0

## Sustainability in heating and cooling to be explored at Rome conference



The Italian Association of Air Conditioning and Heating (AiCARR) has announced its major conference for 2014, this year on the theme of retrofit designs for both existing and historical buildings. With a focus on sustainability and historical heritage, the 49th Edition of the AiCARR International Conference on heating and air conditioning is a must for 3ENCULT partners.

The conference will take place in Rome (Italy) from 26 - 28 February, 2014 and will be devoted to a thorough examination of the retrofit of existing and historical buildings in terms of energy performance, indoor air quality, energy sustainability and other building design aspects. AiCARR promotes systems that produce, distribute and use thermal energy in residential and industrial buildings, and also addresses the issues of energy saving and the use of renewable energy sources and control over energy plants and systems.

Interventions in existing and historical buildings must be carefully planned and defined with respect to the existence of static or historical constraints, and in terms of user and operational requirements, maintenance needs and cost. The conference therefore aims to analyse the equipment currently used to improve energy performance, indoor environmental quality and sustainability in buildings, and the technologies employed in energy production.

The meeting includes a plenary session on the topic of Italian historical buildings and sustainability and historical heritage, a guideline for technical systems in historical buildings, and heating, ventilation and air conditioning (HVAC) for buildings retrofit. 3ENCULT will be in attendance and will present the results of the project activities, including the window retrofit of Bolzano's Waaghaus.

For more information please [CLICK HERE](#).

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## 3ENCULT project to hold workshop at 11th REHVA World Congress



In June 2013, Prague (Czech Republic) will host one of the most significant events of the year within the field of heating, ventilation and air conditioning (HVAC) in buildings – the REHVA Congress CLIMA 2013.

The event will be the 11th in the REHVA international Congress series, and will be held within the context of IAQVEC, the 8th Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings. Professionals from across the globe will attend the CLIMA 2013 congress, with a particularly strong presence from Japan and the USA. Reputed keynote speakers will open each of the Congress' four days.

The 3ENCULT project will hold a 90 minute workshop on Monday June 17, titled "Special HVAC Solutions for the Refurbishment of Historic Buildings". The workshop will be chaired by Alexandra Troi (EURAC research), with support from Rainer Pfluger (University of Innsbruck) and Enrico Zara

(ARUP). HVAC industry and building companies, as well as professionals working in the refurbishment sector, are invited to join the discussion and contribute to the guidelines being developed.

The congress will be held under the patronage of industry partners, social organisations and other stakeholders, including organisations from China, India and Japan. Several training courses will be held at the event, allowing participants to improve their HVAC knowledge.

To register please [CLICK HERE](#).

**For more information:**

REHVA - Anita Derjanecz +32 25 14 11 71

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## Energy Days event attracts diverse stakeholders



**As part of the Bologna (Italy) Energy Days event, which explored energy conservation and retrofitting in historic buildings, the 3ENCULT project held the seminar “Conservation and energy retrofitting of historic buildings”.**

The event took place in the context of the European Days initiative, an event designed to highlight the values promoted by the European Union and to inform the public of policies and projects funded through the European Social Fund.

The seminar drew the attention of public and private decision-makers, professionals and scientific organisations to good practices that integrated conservation with improvements in energy efficiency within historic buildings. Apart from 3ENCULT, experiences and best practices from the EU-funded [GovernEE](#)

project were presented at the seminar. The GovernEE project aims to rationalise energy use within public and historic buildings by approaching the problem from the point of view of good governance.

**For more information, [CLICK HERE](#) or please contact:**

COBO - Manuela Faustini +39 051 2193111

## Lively discussion at Salone del Restauro conference seminars



**3ENCULT participated in the 20th edition of one of Europe’s most important fairs on conservation and restoration of cultural heritage, the Salone del Restauro conference, which took place in Ferrara (Italy) from 20 – 23 March 2013.**

The project held two public seminars at the event, both focused on the energy retrofit of historic buildings. The first, titled “a chance for preserving our historic cityscape, keep town centres an attractive living space and protect our climate”, was a discussion on opportunities and factors for success, which brought together leading Italian cities.

The second seminar, “3ENCULT solution & tools”, looked at how to improve the long term preservation of historic buildings and city centres through high quality energy retrofitting. Topics explored included taking a multidisciplinary approach, methods

and tools to be used for a thorough diagnosis, adapting to local needs, and implementing heating and cooling systems within historic buildings.

Speakers at the seminars included Dagmar Exner from EURAC, Franziska Haas from TU Dresden, Susanne Theumer from PHI, and Manuela Faustini and Federica Legnani from the Municipality of Bologna (Italy).

**For more information, [CLICK HERE](#) or please contact:**

EURAC – Alexandra Troi +39 0471 055600

## Financing and reconstructing following natural disaster focus of Bologna workshop



Walking the tightrope between historical preservation and applying an effective energy efficiency retrofit is no easy feat, but the workshop “Preserving community history through energy efficiency”, held in Bologna (Italy) on 23 April 2013, provided advice and shared knowledge to help make it more manageable.

The well-attended workshop focused on the economic feasibility of refurbishing historic buildings to ensure greater energy efficiency, and on the best ways to go about reconstructing a historic building after a natural disaster. Participants were also invited to showcase their experience, providing an insight into challenges and successes from across Europe.

Exchange and knowledge-sharing between actors was actively facilitated, particularly between local government representatives from energy and building departments, reflecting the need for broad stakeholder discussions when

engaging in retrofit activities.

The workshop was organised by ICLEI Europe in cooperation with the City of Bologna and the University of Bologna.

For more information, [CLICK HERE](#) or please contact:

ICLEI - Giorgia Rambelli +49 761 36892-0

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## Study tour focuses on exemplary Southern European retrofits



A study tour held on 24 April 2013 as part of the 3ENCULT project took in some of Bologna (Italy)'s most impressive historic architecture, with participants getting a first-hand look at how the buildings have been retrofitted to include advanced materials and how technological options have been utilised to achieve better energy efficiency in harmony with cultural heritage.

The study tour comprised of a combination of presentations by experts and guided site visits. Participants visited:

The **Palazzina della Viola** – a XVI century building and 3ENCULT case study, turned into a service area for 7,000 international and exchange students reaching Bologna University every year. Following the refurbishment, post-intervention diagnoses are regularly performed in the building and are used to evaluate ways to improve both user comfort and energy efficiency.

The **Palazzo D'Accursio** - a 13th century sandstone palace owned by the Municipality that represents a unique combination of architectural and decorative styles. A great example of a centuries old building becoming a living, valuable energy efficient historic monument, in use by citizens.

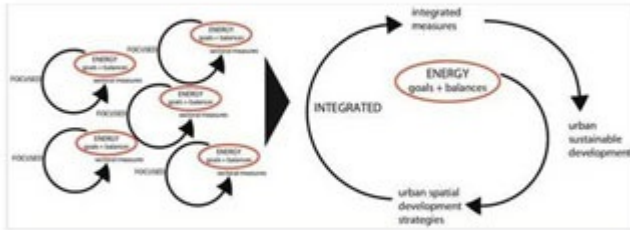
The 2013 study tour was specifically aimed at Southern Europe, as last year's tour, which took place in Copenhagen (Denmark), was aimed at Northern Europe. The [programme](#) of the study tour is available to view.

For more information, [CLICK HERE](#) or please contact:

ICLEI - Giorgia Rambelli +49 761 36892-0

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## Study finds integrated urban planning key to retrofitting of historical building stock



To effectively retrofit historic buildings it is important that measures are implemented in a coordinated way. Energy-efficiency measures work best in unison, while piecemeal measures may cause unnecessary complexity in the system. A new study has put forward a proposal for an integrated planning process and the description of two transparent and comprehensible methodologies for implementing it.

Integrated strategies are necessary that consider the city as a whole and will work with informal instruments. One central aspect of the proposed procedures is to examine and evaluate both built cultural heritage and energy efficiency, and to consider them in equal measure in an integrated planning process at urban level.

Within the first paper, the Integrated Urban Development Concepts are methodically underpinned, with the energy goals

of a municipality serving as the basis for the strategic planning. These concepts allow for an integration of communal planning by using city-wide strategic goals.

In the second paper, the proposed Integrated Quarter Assessment tool strengthens the implementation of Integrated Urban Development Concepts within the local area and in the spatial integration of the strategic goals. In this tool the areas of urban structure, built heritage and energy supply infrastructure are equally considered within the context of sustainable urban development.

For more information, [CLICK HERE](#).

## EWCHP 2013 - deadline for submitting abstracts slightly extended to 7th of April 2013

EWCHP-2013  
3<sup>rd</sup> European Workshop  
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The high number of abstracts submitted for the 3rd edition of the **European Workshop on Cultural Heritage Preservation** reflects the interest across Europe in this challenging research field involving so many disciplines and lets us look forward to a very stimulating workshop.

Due to multiple request the **deadline for submitting the abstract** was however slightly **extended to 7th of April 2013**.

**For more information:**

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## Salone del Restauro

 **RESTAURO**  
XX EDITION  
20 - 23 MARCH 2013  
FERRARA, ITALY

3ENCULT participates in the 20th edition of one of Europe's most important fairs on conservation and restoration of our cultural heritage, both with a booth and two public seminars.

Visit us at Pavilion 4 stand 17 and take the chance to inform you in first person talking to the experts from 3ENCULT consortium.

Energy retrofit of historic buildings: a chance for preserving our historic city scape, keep town centres an attractive living space and protect our climate?

**A discussion on opportunities and factors for success. Bringing together the experience from European research**

**project 3ENCULT** [www.3encult.eu](http://www.3encult.eu) and leading Italian cities.

**Date & place:**

21st of March 2013, 16.00 – 18.30

room A, first floor, between pad. 3 and 4

[Programme](#)

**Energy retrofit of historic buildings: 3ENCULT solution & tools.** How to improve long term preservation of historic buildings and city centres with high quality energy retrofit. Results from an interdisciplinary project.

**Date & place:**

22nd of March 2013, 14.00-16.00

room C, first floor, between pad. 5 and 6

[Programme](#)

## PROJECT INFORMATION

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- » Partners
- » Case Studies
- » Deliverables

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