



D 8. 7 Four Workshops

Evaluation Report on workshops for local authorities

**EUROPEAN COMMISSION
DG Research and Innovation**

**Seventh Framework Programme
Theme [EeB.ENV.2010.3.2.4-1]
[Compatible solutions for improving the energy efficiency
of historic buildings in urban areas]**

Collaborative Project – GRANT AGREEMENT No. 260162



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Deliverable D8.7 Four Workshops

Technical References

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Project Title	Efficient ENergy for EU Cultural Heritage
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1. Introduction

ICLEI Europe (ICLEI - Local Governments for Sustainability which includes over 1107 cities, towns, countries, and their associations worldwide) organized four workshops during the lifetime of the 3ENCULT project, to support capacity development and information exchange of policy makers and technical staff of local authorities.

All the tours counted between 31 and 39 participants, and where aimed at:

- explore energy efficiency options, and the relevant context of local policy and urban planning,
- support and discuss planning and implementation of relevant climate and energy actions,
- learn from experts how materials and technology options can be harmonised with cultural heritage,
- discuss innovative solution with business sector and industry
- share innovative approaches in bridging the gap between preserving European landmarks and energy efficiency,
- investigate policy frameworks and funding opportunities.

The four events have been organized in collaboration with the local authorities. The workshop took place in four countries across Europe.

The countries were selected taking into consideration cultural and architectural, as well as economic criteria. The themes addressed within the programme and the format have also been based on these consideration.

Two of the workshops were organized in New Members States, respectively in Poland and Romania, and included a specific focus on local best practices – with emphasis on funding options – and impacts on tourism.

Workshops, in addition to the organized study tours, covered the whole of Europe (North – study tour in Copenhagen; South – workshop and study tour in Bologna; central Europe - study tour in Bolzano and Innsbruck; East – workshops in Krakow and Alba Iulia; EU level – workshop in Brussels).

One of the workshop, organized in Brussels during the European Sustainable Energy Week 2013, in Brussels, included a particular focus on dialogue and discussing with the business sector and real estate.

All the events were disseminated and promoted Europe-wide, through several European and national platforms, including the BUILD UP initiative by the European Commission, and through the networks of local authorities in the European countries.



Picture 1.1: Locations of workshops and study tours for local authorities

2. Target group

The Workshops for Local Governments have been organized involving EU, National and Local authorities. The events targeted local policy maker and technical staff (urban planning, monument protection, energy, environment, cities' real estate). Particular attention has been paid to involving New Member States (NMS) where the retrofitting of historical building is an emergent topic; two of the workshops have been organized in NMS, respectively in Poland and Romania.

The dissemination in New Member States was especially thought in order to support these countries facing special challenges both in raising the awareness concerning energy efficiency in cultural heritage, and to support with sharing best practices and ad hoc solutions, with a special focus on options for funding.

The goal of these activities was to inform the public authorities and to implement the knowledge of technical municipal staff on how to improve the energy efficiency of historic buildings in urban areas, with a focus on the integration of the retrofitting activities into urban policy and planning, as well as key actions and opportunities for implementing lighthouse actions into Sustainable Energy Action Planning.

The economic challenges faced by Eastern and Southern European countries had an impact on the possibility for local authorities to attend the workshops. For this reason, selected participants from Italy, Slovenia, Greece, and Romania, among other countries, received travel support in order to be able to contribute to the events.

3. The workshops

The workshops took place between April 2013 and March 2014. In total **144 participants** have been trained during **four events**, **two** of which took place in **New Member States**.

The workshops took place in Central and South Europe, and in Eastern Europe to ensure a widespread dissemination across Europe, and, at the same time, to ensure more areas' needs and experiences were discussed at the events. The programme developed were aimed at emphasising the replication potential of the solutions explored, as well as of the policy and planning strategies undertaken in support of cultural heritage and energy efficiency across Europe.

For this purpose, each of the workshops had a tailor made programme, with focus related to the specificity of the area or country where it took place: in **Bologna**, one the focus was on energy efficiency retrofit of cultural heritage after natural disasters, in **Brussels**, at the European Sustainable Energy Week (EUSEW) on market uptake of innovative solutions, in **Krakow** on the potential impact of energy efficiency in cultural heritage on tourism, and in **Alba Iulia** on Sustainable Energy Action planning and on best practices for replication within the Romanian legislative framework.

The format used had a similar structure in each event, but it also included specific methodologies, in relation to the audience. Each workshop started with an introductory session on policy and planning in the host city, with speakers from the local authority, followed by an introduction to 3ENCULT and to the role of local authorities in bridging the gap between cultural heritage protection and energy efficiency. The introduction on the strategy of the city had the specific focus on inspiring participants to act, and fully exploit the benefits of protecting cultural heritage through energy efficiency.

In each workshop, a session was dedicated to exploring the **technical solutions** developed by 3ENCULT. In this specific session were involved both the research partners and the business partners. The research partners introduced the overall case study discussed, presenting the solutions chosen, and thorough addressing the investigation and tests undertaken, as well as the process of interdisciplinary discussion that lead to the selection of the solutions ultimately implemented. The involvement of the business partners was aimed at **promoting the uptake of market-ready solutions** developed within the project, also discussing the business perspective on investing on innovation in the built sector.

Financial aspects (how to find funds, financial framework of the local, regional and national, where addressed to provide an optimal background of the retrofit. Urban planning aspects, stakeholders involvement and social components impacting on the retrofit were also addressed, to ensure a full overview of the benefits of the action.

The link with [Sustainable Energy action Plans \(SEAP\)](#) was also highlighted where feasible, to provide inspirations on how retrofit of cultural heritage can become one of the local SEAP's actions.

Both the theme of resilience to climate change and the challenges posed by **energy poverty** were **addressed**, and contextualized, discussing how energy efficiency retrofit of cultural heritage can, from one side, have social impact, and from the other, can support the protection of European heritage in facing the challenges of climate change.

Panels and working groups were used in all the events organized to trigger discussion and to give space to discussion and exchange among different actors – panels included: research, business, policy perspectives.

2.1 Bologna, Italy

The first workshop for local governments took place on **23 April 2013 in Bologna, Italy**. The agenda included discussion on energy efficient retrofit of historic buildings affected by a natural disaster, with a focus on earthquakes, addressed funding opportunities for retrofit activities and analysis of potential solutions/showcasing of best practices of integration of RE, listed buildings and listed landscapes. The Italian National Working Group of Covenant of Mayors Supporters and Coordinators joined the workshop.

The workshop was held back to back with a study tour for local authorities that took place on 24 April 2013.

The City of Bologna was involved in the preparation of the programme and invited to provide an introduction of the policy of Bologna, both on climate and urban planning.

In Bologna, the retrofit of the 3ENCULT case studies has allowed the city to delineate multiple scenarios for the Local Action Plan for increasing energy efficiency in municipal buildings, in collaboration with several departments of the municipality. The Plan foresees activities also on selected historic buildings.

The Local Action Plan (LAP) is aimed at reaching the target fixed while elaborating the Sustainable Energy Action Plan (SEAP), developed within the context of the Covenant of Mayors' initiative targets: 20% reduction of energy consumption for thermal uses in whole municipal stock of buildings.

The Final Scenario involving 87 buildings foresees energy savings for 13,5 GWh/year, photovoltaic production of 775,5 MWh/y, costs of 16,6 million euro and payback of 14,1 years.

Thirty-nine participants from five countries, mostly from the Mediterranean area, participated actively in the programme and in the discussion. A great line-up of speakers addressed the topic of bridging the gap between energy efficiency and cultural heritage from multiple perspectives – including technical, political, financial, and conservation-oriented perspectives-, through three sessions and several best practices. Some highlights:

- Antonio Kaulard, from the Covenant Supporters and Coordinators national working group, addressed the role of Covenant of Mayors Coordinators and Supporters in increasing and stimulating actions of energy efficiency retrofit for historic buildings
- Session 1, focused on preserving cultural heritage after a natural disaster (specifically experiences after an earthquake). During the session speakers and participants exchanged on guidelines, recommendations and experiences on how to save historic buildings and energy for the future. Speakers included the Municipality of Modena, the Emilia Romagna Region's Agency for Monument Protection and the best practice by the Municipality of Concordia, severely affected by the earthquake in 2013.
- Session 2 focused on cultural heritage and landscape part of the protected heritage. Representatives for local authorities, and architects presented the problems related to listed buildings and landscapes, and shared the experiences with the Monument Protection Agency.
- Session 3 explored funding possibilities for preserving energy-efficiently cultural heritage. This included some best practice examples on collaboration among projects, time for recovering investment, social and economic benefits for the community. Among the guests, local authorities, private owners and foundations.

The workshop succeeded in involving the regional monument protection agency, as well as a foundation and several local and provincial authorities affected by the earthquake that took place in the Emilia Romagna region in 2012. The different perspective offered by the authorities and the researchers provided room for discussing optimal solutions for discussing the opportunity of including energy efficiency as one of the criteria, when restoring and preserving cultural heritage after natural disasters.

2.2 Brussels, Belgium

The second workshop has been organised at the European Sustainable Energy Week on 28 June 2013, in Brussels. The focus of the workshop has been the market-uptake of innovative solutions for energy efficient retrofit of historic buildings.

Thirty-one participants mostly from European offices and representations of regions, cities and nations across Europe.

Among the speakers the coordinator of the TrainRebuild¹ project, the Secretary General of Renewable Energy House, and the Build UP Initiative. Among the issues tackled:

- energy assessment, new standards, and possibilities for improved energy performance legislative frameworks for historic buildings. Energy efficiency standards are being improved and implemented for public buildings across Europe. This session explored to what extent are the standards valid for

¹ The objective of the TRAINREBUILD project is to design a comprehensive value chain strategy to generate a change in the thinking of public and private building owners regarding the link between energy efficiency and value related to building ownership.

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listed buildings and the latest developments in the legislative framework on energy performance of buildings.

- capacity development of property owners and local governments, though exploring some success stories.
- innovative EE and RES solutions to save energy, make clean energy, and improve building resilience. The private sector presented a series of solutions developed within 3ENCULT that become market – ready solutions for the built sector

The event was held during the 2013 edition of the European Sustainable energy Week to increase the potential for dissemination.

2.3 Krakow, Poland

The third workshop has been organised on 26 November 2013 in Krakow. The workshop focused on the economic benefits of energy efficiency in historic buildings, and it specifically addressed real estate benefits and benefits for the European tourism service industry.

The workshop counted **thirty-five participants** from **ten countries**.



Picture 3. 1: Workshop in Krakow, Poland

Exchange and knowledge-sharing were carried out on topics such as the economic feasibility of refurbishing historic buildings, recommendations and experiences on how to save historic edifices, and providing sustainable energy to meet the challenges of growing tourism in European historic centres.



Picture 3. 2: Participants at 3ENCULT workshop in Krakow, Poland

The event was aimed at local political decision-makers who guide the urban planning strategy and/or climate protection work of the municipality and technical staff working with monument protection, building and energy, with a focus on Eastern European countries.

Among the issues discussed:

- how historical buildings can be adapted to achieve higher energy efficiency and improved levels of comfort while contributing to the outcomes of a broader climate mitigation strategy – including cultural, social and economic benefits
- replicable factors and best practices
- Resilience, comfort and tourism: benefits and challenges in attracting millions on tourists every year. Discussion on how to ensure both the protection of European cultural heritage and the comfort of the visitors.
- Cooperation models and stakeholders' involvement – with a focus on Sustainable Energy Action Planning . Discussion on implementing strategies and enhancing political discussion at national and transnational level on new cooperation models between administrative institutions, architects, engineers, housing and building companies and building owners. The **Co₂oIBricks** project shared its experiences and finding in this field.
- innovative EE and RES solutions

Both the project **Co₂oIBricks** and **TRAINREBUILD** participated as speakers to the event, reinforcing the reciprocal dissemination and sharing of the outputs of the projects.

2.4 Alba Iulia, Romania

The fourth workshop took place in Alba Iulia on 4 March 2014. The workshop focused on the potential of including retrofit of cultural heritage into the local SEAP, and it specifically addressed real estate benefits and benefits for the European tourism service industry. Issues related to the legislative framework in Romania were discussed and directly addressed by participants and speakers through a series of roundtables.



Picture 3. 3: Workshop in Alba Iulia, Romania

Forty participants, all from Romania discussed:

- Innovative EE and RES solutions developed by 3ENCULT
- Historic buildings & local climate strategy: discussing, identifying and financing smart integrated approaches for increasing sustainability and climate protection in cities - How to include the topic in the political debate and what stakeholders have to be included, where to find funding sources.
- A tour among best practices in Romania, including Sibiu, Cluj and Oradea.
- Discussion of needs, challenges and solutions in Romania, focusing the debate on action in the current legislative frameworks and providing suggestions on how to improve the situation.

The event included a series of working groups in which participants discussed challenges, solutions and best practices in their territory in relation to energy efficiency retrofit of cultural heritage.



Picture 3. 1: participants in Alba Iulia, Romania.

4. Outreach and dissemination

The workshops have been disseminated through several channels including project newsletters (150 contacts), articles on websites (1200 visitors per month), ICLEI monthly e-newsletters and through mailing out to European lists and using Vertical Response addressing ad hoc selected contacts in the ICLEI's database.

ICLEI's network has been invited extensively to engage and participate through climate and energy related mailing lists:

- LG Action – 2004 contacts
- Covenant capaCITY lists: 400 contacts
- CCP Europe: 330 contacts

The communication was both done through single emails of invitation to the events and through inclusion of the event description into clusters of events – to increase the visibility, taking care of not spamming contacts.

The events were also promoted at events through presentations, and during the European Sustainable Cities and Towns Conference (with 900 participants), through the 3ENCULT exhibition.

Local governments, both technical staff and policy makers, working in the field of energy, urban planning, monument protection, climate protection and real estate were invited through Vertical Response mass mailings. The contacts were selected according to geographical criteria, Mediterranean and South-East Europe for the Bologna event, Central, East and South Europe were invited to Krakow and Alba Iulia, all of Europe was included in the invitation to the event taking place in Brussels.

5. Evaluation

The workshops were attended by **145 participants**. A feedback questionnaire was distributed during the tours to collect feedback, input and suggestions on the tour programme, speakers and sites visited.

The questionnaire were mostly anonymous, and not always returned, but an assessment of the performance based on the samples collected is nonetheless possible.

Out of **145 participants**, **45 questionnaires** were collected, below some results:

- 23 participants rated the workshops as very good, 9 as good;

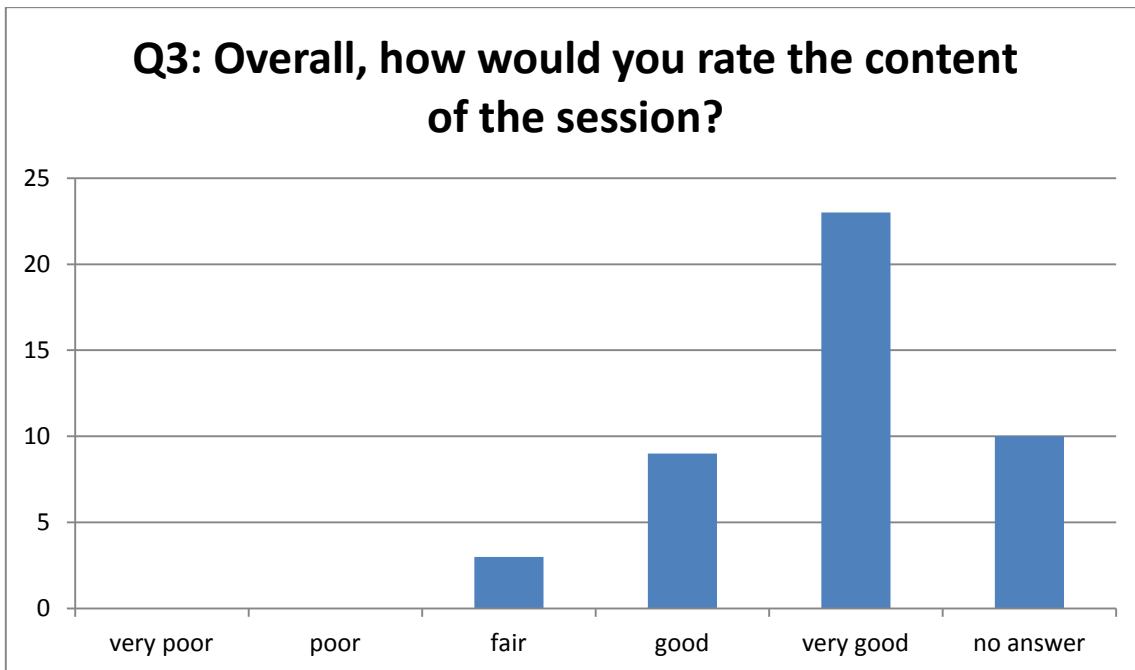


Figure 1: Statistics on question.3 on content of the session.

- 39 participants stated they will pass on information to their colleagues
- 43 will recommend the tours
- 29 would like to receive more information
- Among the presentation and input provided in the sessions, participants particularly appreciated information and exchange on:
 - o best practices
 - o technical solutions
 - o funding
- the amount of participants with “good” level of knowledge on the topic moved from 14 to 27, and from 2 to 10 for “very good”

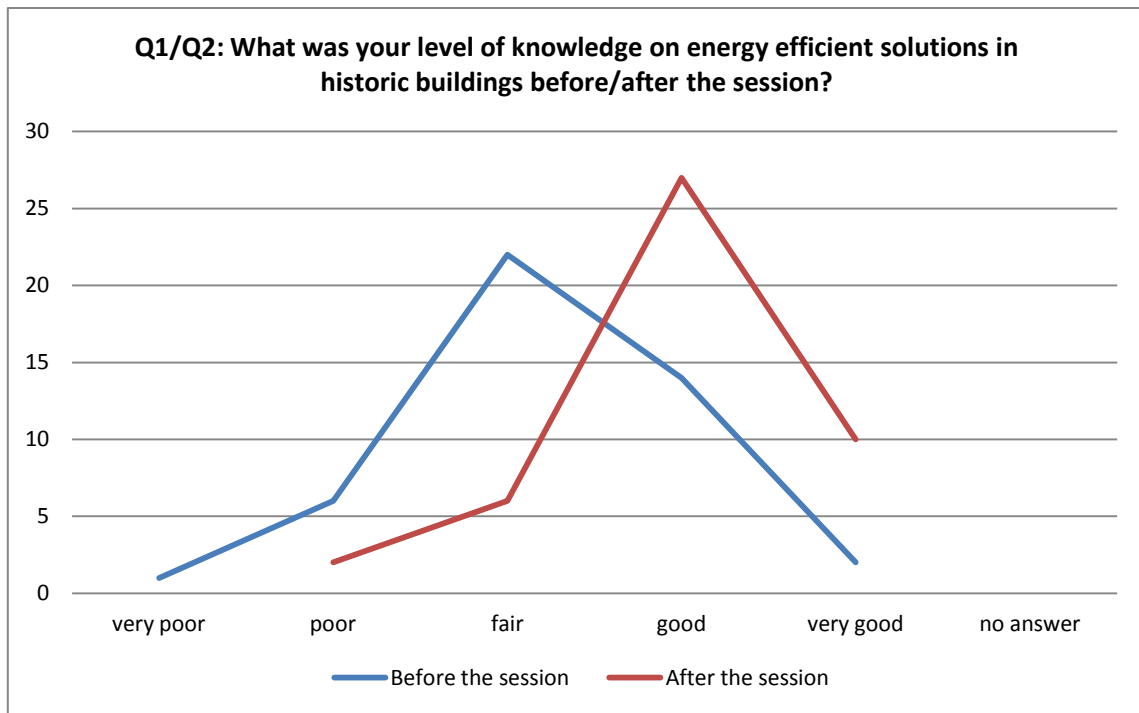


Figure 2: Statistics on questions n.1 and 2 on level of knowledge of participants.

More detailed evaluation reports on the events are included in Annex II.

6. Annexes

6.1 Annex I – programmes

6.2 Annex II – participants lists

6.3 Annex III – feedback

SAVE THE DATE!

WORKSHOP INVITATION:

23 April 2013, Bologna, Italy

“Preserving community history through energy efficiency”

organised by ICLEI Europe, the Municipality of Bologna and
Alma Mater Studiorum - Università di Bologna
in collaboration with the 3ENCULT project

You are warmly invited to the 3ENCULT workshop addressing smart solutions to improve energy efficiency of historic buildings.

- **Target audience:** local government representatives, local decision-makers, urban planners, energy experts, monument protection experts, architects, engineers.



The **National working group of Covenant of Mayors Coordinators and Supporters** will join the event

Venue: Palazzo d'Accursio
Sala degli Anziani
Piazza Maggiore, 6
40124
Bologna, Italia

Date: Tuesday 23 April 2013 (9:30 am – 16:30 pm)

TO REGISTER: ccp-europe@iclei.org

This workshop takes place in the framework of the 3ENCULT project, co-funded by 7 European Union Seventh Framework Programme (FP7/2007-2013) under Grant Agreement n° 260162 – www.3encult.eu. It is co-organised by ICLEI Europe, the City of Bologna, and Alma Mater Studiorum University of Bologna.

AGENDA:

Tuesday, 23 April 2013

Event moderator: Giorgia Rambelli, ICLEI Europe

09:00 – 09:30	Registration
09:30 – 09:45	<p>Welcome by the HOST</p> <p>Bologna's approach to integrating cultural heritage in the community climate protection strategy</p> <ul style="list-style-type: none"> • <i>Patrizia Gabellini</i>, Deputy Mayor for urban planning, environment, and historic city, City of Bologna
09:45 – 09:55	<p>Energy efficiency for historic buildings: what role for Covenant of Mayors Coordinators?</p> <ul style="list-style-type: none"> • <i>Antonio Kaulard</i>, Covenant Supporters and Coordinators national working group, Coordinamento Agende 21 Locali Italiane, Energy for Mayors project partner
09:55 – 10:10	<p>Introducing 3ENCULT – Bridging the gap between preservation of European cities cultural heritage and energy efficiency</p> <ul style="list-style-type: none"> • <i>Alexandra Troi</i>, 3ENCULT project Coordinator, EURAC
10:10 – 10:25	<p>Embedding historical building strategy in your city's climate strategy: cultural, social and economic benefits</p> <ul style="list-style-type: none"> • Giorgia Rambelli, Project Officer, ICLEI Europe
10:25 – 10:40	<p>Question time and discussions</p> <p>Explore key issues identified by participants (e.g. how to deal with energy versus preservation needs, experience in integrating of monuments into urban sustainability concepts, etc)</p>
10:40 – 11:30	Coffee break
11:30 – 12:30	<p>Session 1: Rebuilding history – from earthquakes to preserving heritage</p> <p>Exchange on reconstruction after a natural disaster, including guidelines, recommendations and experiences on how to save historic buildings and energy for the future.</p> <ul style="list-style-type: none"> • <i>Rossella Cadignani</i>, Architect, Municipality of Modena • <i>Carla Di Francesco</i>, Director of Monument Protection Agency, Emilia-Romagna • Elisabetta Dotti, Architect, Municipality of Concordia
12:30 -13:00	Best practice: the Zena Castle

	<ul style="list-style-type: none"> • <u>Emanuele Perotti e Danilo Cremonesi, Castello di Zena</u> • <u>Eleonora Barabaschi, "Researcher Spinner 2013"</u>
13:00 – 14:00	Networking lunch
14:00 – 15:00	<p>Session 2: When the landscape is part of the protected heritage</p> <p>Exercise – participants to pool their ideas and showcase their experience.</p> <ul style="list-style-type: none"> • <u>Miriam Badino, Province of Genova, Energy for Mayors project partner</u> • <u>Federico Scaqliarini, Architect, responsible for project Asilo via Battaglia</u> • <u>Alessandra Rotta, Architect, Municipality of Camogli</u> • <i>Maria Elena Corrado, Monument Protection Agency for Italian provinces of TO, AT, CN, BI e VC</i>
15:00 – 16:15	<p>Session 3: Exploring funding possibilities for preserving energy-efficiently cultural heritage</p> <p>Discussion on funding available, collaboration among projects, time for recovering investment, social and economic benefits for the community.</p> <ul style="list-style-type: none"> • <u>Piero Pellizzaro, Head of International cooperation, Kyoto Club</u> • <i>Carlo Canatto, Director, Ville Venete Regional Institute</i> • <u>Spyros Arseniou, Head european projects and International Affairs, Region of East-Macedonia and Thrace</u> • <u>Riccardo Geminati, President Pianura Bresciana Foundation</u>
16:15 – 16:30	Wrap-up and conclusions

SAVE THE DATE!

WORKSHOP INVITATION:

28 June 2013, Brussels, Belgium

Cultural heritage and energy efficiency: Market ready solutions for preserving historic buildings using innovative measures and technologies

organised by ICLEI Europe in collaboration with the 3ENCULT project, and hosted by the Common Representation of the European Region Tyrol - South Tyrol – Trentino

You are warmly invited to the 3ENCULT workshop addressing smart solutions to improve energy efficiency of historic buildings.

- o **Target audience:** local government representatives, local decision-makers, urban planners, energy experts, monument protection experts, architects, engineers.

Venue: *Common Representation of the European Region
Tyrol - South Tyrol - Trentino*
45-47, rue de Pascale
B - 1040 Brussels

Date: Friday 28 June 2013

TO REGISTER: Please send an email to

giorgia.rambelli@iclei.org

FINAL AGENDA:

Friday, 28 June 2013

Event moderator: *Giorgia Rambelli, ICLEI Europe*

09:00 – 09:30	Registration
09:30 – 10:00	Welcome by a representative of ALPEUREGIO
10:00 – 10:20	<p>Introducing 3ENCULT – Innovative solutions for bridging the gap between preservation of European cities cultural heritage and energy efficiency</p> <p><i>This session will introduce 3ENCULT and the solutions developed by within the project framework: what is/will be soon available on the market for your historic buildings?</i></p> <p>Presentation by: Alexandra Troj, 3ENCULT Project coordinator, EURAC</p> <p>Q&A</p>
10:20 – 10:40	<p>Energy assessment and exploring new standards and possibilities for improved energy performance legislative frameworks for historic buildings</p> <p><i>Energy efficiency standards are being improved and implemented for public buildings across Europe. Many public buildings are listed. To what extend are the standards valid for listed buildings? What are the latest developments in the legislative framework on energy performance of buildings?</i></p> <p>Presentation by: Marleen Spiekman, Research Scientist, TNO</p> <p>Q&A</p>
10:40 – 11:10	Coffee break
11:10 – 11:30	<p>Value your building – sharing real experiences by property owners</p> <p><i>Building capacity of property owners and local governments. Success stories show how and why engaging.</i></p> <p>Presentation by Raymond Van Ermen, TRAINREBUILD project coordinator, European Partners for the Environment</p> <p>Q&A</p>
11:30 – 12:10	<p>Zoom in on innovative EE and RES solutions: save energy, make clean energy, improve building resilience</p> <p><i>The private sector to preserve historic buildings. A tour among solutions created for historic buildings that become market ready solutions for the</i></p>

built sector.

Presentation by: Oscar Montero, Soliker

Robert Weitlaner, Bartenbach LichtLabor GmbH

Q&A

12:10 – 13:00

Panel discussion

A panel discussion comprised of representatives from the sustainable energy area and from the monument protection sector exploring feasible options

Brief insight into their experiences (5 mins ppt) followed by panel discussion.

- Sara Van Rompaey, Architect, Heritage Expert UIA (International Union of Architects)
- Gerald Gaigg, Real Estate Administration, City of Innsbruck
- Kim Vanguers, Secretary General, Renewable Energy House – New4Old project
- Gilles Vaille, Project manager, BUILD UP

13:00 – 13:30

Wrap-up

13:30 – 14:30

Networking Lunch

SAVE THE DATE!

WORKSHOP INVITATION:

26 November 2013 - Krakow, Poland

Cultural heritage and energy efficiency: Protect historic buildings saving energy

organised by ICLEI Europe and 3ENCULT project

You are warmly invited to the 3ENCULT workshop addressing smart solutions to improve energy efficiency of historic buildings.

- o **Target audience:** local government representatives, local decision-makers, urban planners, energy experts, monument protection experts, architects, engineers.

Venue: *Krakow City Hall
Sale Lea i Kupiecka
Wszystkich Świętych 3-4,
31-004 Krakow*

Date: Tuesday, 26 November 2013

Translation Polish/English will be provided

TO REGISTER: Please send an email to

duru.kunt@iclei.org

AGENDA:

Tuesday, 26 November 2013

Event moderator: Giorgia Rambelli, ICLEI Europe

08:30 – 09:00	Registration
09:00 – 09:30	Welcome by Elżbieta Koterba, Vice Mayor of Krakow
09:30 – 09:50	<p>Introducing 3ENCULT – Bridging the gap between preservation of European cities cultural heritage and energy efficiency</p> <p><i>Overview on 3ENCULT methodologies and technical solutions: what approaches can you explore for your buildings? What is/will be soon available on the market for your historic buildings?</i></p> <p>Presentation by: Giorgia Rambelli, ICLEI Europe</p> <p>Q&A</p>
09:50 – 10:20	<p>Embedding historical building strategy in your city's climate strategy: cultural, social and economic benefits</p> <p><i>Historic buildings represent a great opportunity for increasing sustainability and climate protection in our cities. Best practices and discussion on replicable factors.</i></p> <ul style="list-style-type: none"> • Presentation by: Cleo Newcombe-Jones, Bath & North East Somerset Council, UK <p><i>Focus on Sustainable Energy Action Planning:</i></p> <ul style="list-style-type: none"> • Presentation by: Anna Jaskula, PNEC
10:20 – 10:30	<p>Question time and discussions</p> <p>Explore key issues identified by participants (e.g. how to deal with energy versus preservation needs, experience in integrating of monuments into urban sustainability concepts, etc)</p>
10:30 – 11:00	Coffee break
11:00 – 11:20	<p>Resilience, comfort and tourism</p> <p><i>European historic center have great cultural value. Thousands of tourists travel every year to admire these buildings, bringing great benefits to European economies. How do we ensure both the protection of our cultural heritage and the comfort of the visitors?</i></p>

	<p>Presentation by Eugen Panescu, Architect OAR/UAR/RUR</p> <p>Q&A</p>
11:20 – 11:40	<p>Cooperation models and stakeholders' involvement - Focus on Sustainable Energy Action Planning</p> <p><i>Implementing strategies and enhancing political discussion at national and transnational level on new cooperation models between administrative institutions, architects, engineers, housing and building companies and building owners.</i></p> <p>Presentation by: Aleksandra Kocialkowska, European Foundation for Monuments Protection</p> <p>Q&A</p>
11:40 – 12:00	<p>Zoom in on innovative EE and RES solutions: save energy, make clean energy, improve building resilience</p> <p><i>The private sector to preserve historic buildings. A tour among solutions created for historic buildings that become market ready solutions for the built sector.</i></p> <p>Presentation by: Pavel Sevela, University of Innsbruck and Martin Bažant, ATREA</p>
12:00 – 13:00	<p>Panel discussion</p> <p><i>A panel discussion comprised of representatives from local governments, industry, the sustainable energy area and from the monument protection sector exploring feasible options</i></p> <ul style="list-style-type: none"> • Marco Torregrossa, TRAINREBUILD project coordinator, European Partners for the Environment with a brief insight into their experiences (10 mins ppt) • Ola Wederbrunnen, The Royal Danish Academy of Fine Arts with a brief insight into their experiences (10 mins ppt) • Martin Bažant, ATREA and Pavel Sevela, University of Innsbruck • Cleo Newcombe-Jones, Bath & North East Somerset Council, UK
13:00 – 13:30	Wrap-up
13:30 – 14:30	Networking Lunch

SAVE THE DATE!

WORKSHOP INVITATION:

4 March 2014 – Alba Iulia, Romania

Bridging the gap between energy efficiency and heritage protection

organised by ICLEI Europe in collaboration with the 3ENCULT project, and hosted by the City of Alba Iulia

You are warmly invited to the 3ENCULT workshop addressing smart solutions to improve energy efficiency of historic buildings.

- **Target audience:** local government representatives, local decision-makers, urban planners, energy experts, monument protection experts, architects, engineers.

Venue: *"1 Decembrie 1918" Alba Iulia University*
Senate Hall, Apor Palace,
Bibliotecii Str. No 5
Romania

Date: Tuesday, 4 March 2014

INTERPRETATION Romanian/English will be provided.

TO REGISTER: Please send an email to

elisa.kerschbaumer@iclei.org and duru.kunt@iclei.org

AGENDA:

Tuesday, 4 March 2014

Event moderator: *Giorgia Rambelli, ICLEI Europe*

08:30 – 09:00	Registration
09:00 – 09:10	Welcome by Mr. Paul Voicu - Deputy Mayor Alba Iulia
09:10 – 09:30	Mr. Moldovan Nicolaie - Alba Iulia City Manager
09:30 – 09:50	<p>Introducing 3ENCULT – Bridging the gap between preservation of European cities cultural heritage and energy efficiency</p> <p><i>Overview on 3ENCULT methodologies and technical solutions: what approaches can you explore for your buildings? What is/will be soon available on the market for your historic buildings?</i></p> <p>Presentation by: <i>Alexandra Troi, 3ENCULT Project coordinator, EURAC</i></p>
09:50 – 10:10	<p>Zoom in on innovative EE and RES solutions: save energy, make clean energy, improve building resilience</p> <p><i>The private sector and the preservation of historic buildings: a tour among solutions created for historic buildings that become market ready solutions for the built sector.</i></p> <p>Presentation by: <i>Ayman Bishara, Technical University of Dresden (tbc)</i></p>
10:10 – 10:30	<p>Historic buildings & local climate strategy: discussing, identifying and financing smart integrated approaches</p> <p><i>Historic buildings represent a great opportunity for increasing sustainability and climate protection in our cities. How do you include the topic in the political debate? What stakeholders do you include? How can you finance these interventions? Where and how can you look for the best technologies? Examples from the city of Bologna and discussion on replicable factors.</i></p> <p>Presentation by: <i>Fabio Andreon, City of Bologna</i></p>
10:30 – 11:00	Coffee break
11:00 – 12:00	<p>Resilience, comfort and tourism</p> <p><i>European historic center have great cultural value. Thousands of tourists travel every year to admire these buildings, bringing great benefits to European economies. How do we ensure both the protection of our cultural heritage and the comfort of the visitors?</i></p>

This workshop takes place in the framework of the 3ENCULT project, co-funded by 7 European Union Seventh Framework Programme (FP7/2007-2013) under Grant Agreement n° 260162 – www.3encult.eu

	<p>Presentation by: Eugen Panescu, Architect OAR/UAR/RUR</p> <p>Presentation by: Mihai Baltador, Foundation for Professional Development in Public Administration</p> <p>Presentation by: (tbd), IMEA Project, Oradea City</p> <p>Q&A</p>
12:00 – 13:00	<p>Roundtables</p> <p><i>Exploring key issues identified by participants (e.g. how to deal with energy versus preservation needs, experience in integrating of monuments into urban sustainability concepts, etc)</i></p> <p>Participants divided in small groups will engage in 2 sessions of discussion (30 minutes each) on challenges, solutions and best practices.</p> <ul style="list-style-type: none"> - N.1 Dealing with your historic center - N.2 Dealing with your historic buildings
13:00 – 13:30	<p>Wrap-up & food for thoughts</p> <p>Presentation by each group, wrap-up and discussion.</p>
13:30 – 14:30	<p>Networking Lunch</p> <p>PUB 13 Restaurant, Aleea Sfantul Capistrano No 1 Alba Iulia</p>
14:30 – 16:30	<p>On site visit</p>

3ENCULT - WORKSHOP - Bologna, Italy - 23 April 2013

#	Last name	Name	Organisation	Country	Email	Signature
1	Doti	Elisabetta	Municipality of Concordia	Italy		
2	Alberti	Franco	Veneto Region	Italy		
3	Arseniou	Spyros	Region of East Macedonia & Thrace	Greece	Sarsenbou @ panth.rwth.or	
4	Batino	Miriam	Province of Genova	Italy	Miriam Batino @ provincia.genova.it	
5	Barbareschi	Eleonora	Spinner 2013	ITALY	eleonora.barbareschi @ spinner2013.com	
6	Cadignani	Rossella	City of Modena	Italy	Rossella Cadignani @ ComuneModena.it	
7	Canatto	Carlo	IRVV - Ville Venete Regional Institute	Italy		
8	Capitani		Municipality of Veneto Region	Italy	ALPBC@REGIONE.VENETO.IT	
9	Chiapparini	Claudio	ILEX - Italian Landscape Exploration	Italy		
10	Ciambellini	Teresa	Bologna University	Italy		
11	Colla	Camilla	Nova Gorica/IUAV University	Italy		
12	Collaro	Carolina	Monument protection Agency - Provinces of TO, AT, CN, BI e VC	Italy	marcolone, carola @ beniculturali.it	
13	Corrado	Maria Elena	Zena Castle	Italy	CARMENELMARIACORRADO @ WIRENAPOLI.IT	
14	Cremonesi	Danilo	Emilia Romagna Monument Protection agency			
15	Di Francesco	Carla				
16	Doti	Elisabetta	Municipality of			
17	Faustini	Manuela	City of Bologna	Italy		
18	Gabellini	Patrizia	Municipality of Bologna	Italy		

* LICASTRO ANTONINO DEBORAH LIBRO DIRET. REG. BRCC E P. - EMILIA ROMAGNA DEBORAH.LICASTRO@BENVICULTURAMI.IT Della

V ✓

19	Gabriali	Elena	Bologna University	Italy		
20	Garramone	Vito	Veneto Region	Italy		
21	Geminati	Riccardo	Pianura Bresciana Foundation	Italy		
22	Jerebic	Iztok	Municipality of Beltinci	Slovenia	Iztok Jerebic	REZNIK SI
23	Kauland	Antonio	Coordinamento Agende Locali 21	Italy	Antonio Kauland	REZNIK SI
24	Lama	Pamela	City of Bologna	Italy		REZNIK SI
25	Pavignani	Renzo	Province of Reggio-	Italy		REZNIK SI
26	Perotti	Enrica	Zena Castle	Italy		
27	Pellizzaro	Piero	Kyoto Club	Italy	P. Pellizzaro	REZNIK SI
28	Perin	Claudio	Veneto Region	Italy		
29	Perotti	Emanuele	Zena Castle	Italy		
30	Rambelli	Giorgia	ICLEI Europe	Germany		
31	Rotta	Alessandra	Municipality of Camogli	Italy	Alessandra Rotta	REZNIK SI
32	Rozman	Branimir	Municipality of Bohinj	Slovenia	Branimir Rozman	REZNIK SI
33	Scagliarini	Federico	Architect	Italy		
34	Sferra	Ilaria		Italy		
35	Tola	Simone	Agire - Venice Energy Agency	Italy	Simone Tola	REZNIK SI
36	Troi	Alexandra	EURAC	Italy	Alexandra Troi	REZNIK SI
37	Tutino	Francesco	City of Bologna	Italy		
			City of Ghent: Heritage and Architecture			
38	Van Rompaey	Sara	Department	Belgium	Sara Van Rompaey	REZNIK SI
39	Zane	Eva	Veneto Region	Italy		

NO UENANI
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CITY OF BOLOGNA
ITALY

CAROL FARRIO
FONTANELLA
GIULIANA
FRANCESCO ANDRINO
IRAZZI

zobor. cron. Occasione. Iscrizione. it
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Workshop: "Preservare la storia della tua comunità attraverso l'efficienza energetica"
23 aprile 2013, Bologna, Italia






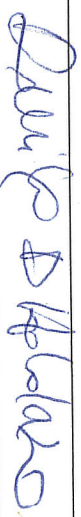
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			EMILIA AGRICOLA	MAGRIORE, 80	

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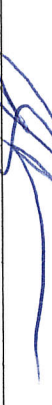
28 June 2013, Brussels, Belgium



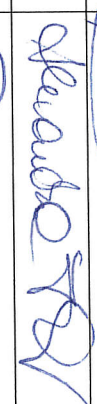



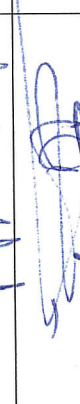
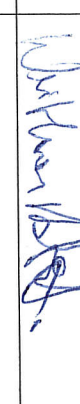

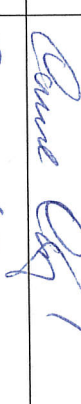
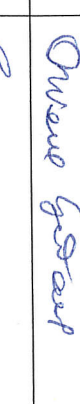

Cultural heritage and energy efficiency: Market ready solutions for preserving historic buildings using innovative measures and technologies

organised by ICLEI Europe in collaboration with the 3ENCULT project, and hosted by the Common Representation of the European Region Tyrol - South Tyrol – Trentino

	NAME	ORGANISATION	SIGNATURE
1	AMAND Guillaume	Centre Urbain	
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3	BOCCARINI Giulia	European Consulting Brussels	
4	BREDA Anna	Veneto Region Brussels Office	
5	CARNIEL Laura	ICLEI Europe	
6	COLLA Camilla	University of Bologna	
7	D'ADDAZIO Danila	UNIONCAMERE DEL VENETO	



8	DIEHL Oliver	FONA-German Research for Sustainable Developments	
9	DUROCHER Lucie	APRE - Agency for the Promotion of European Research	
10	ESPOSITO Mariachiara	Tuscany Region	
11	FUHRMANN Constanze	Fraunhofer Brussels	
12	GALIGG Gerald	Innsbruck Real Estate	
13	GAMBA Xavier	Autonomous Region of Valle d'Aosta	
14	GIRONACCI Elia	ENEA - National Agency for New Technologies, Energy and Sustainable Economic Development	
15	GOMES DE COSTA Sofia	Historic Houses Foundation	
16	HAIN Caroline	FONA-German Research for Sustainable Developments	
17	LEISSNER Johanna	Fraunhofer Brussels	
18	MONTERO Oscar	Soliker	
19	PAOLAZZI Stefania	ICLEI Europe	
20	PAVLAKIS Christoforos	European Parliament	
21	RAMBELLI Giorgia	ICLEI Europe	

22	RODRIGUEZ ROBLES Desiderio	European Commission	
23	SANNA Sebastiano	Friuli Venezia Giulia Autonomous Region	
24	SPIEKMAN Marleen	TNO	
25	TROI Alexandra	EURAC	
26	VAILLE Gilles	BUILD UP	
27	VAN ERMEN Raymond	European Partners for the Environment	
28	VAN ROMPAEY Sara	City of Ghent: Heritage and Architecture	
29	VANGUERS Kim	REH -Renewable Energy House	
30	WEITLANER Robert	Bartenbach Lichtlabor GmbH	
31	WOODS Ewa	Lower Silesia Regional Office	
32	CARISIVI CARMINE	EUROREGIONE ABRUZZO-MOLISE	
33	GHREONE ORIANA	EUROREGIONE ADRIATICO-IONICA	
34	PATTANARO GIULIO	COMMISSIONE EUROPEA	

FARA H FAHIM EURAC Research Faruk Fahim
 Lurson, Anja Buro Bellin Anja Lee
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3ENCULT - WORKSHOP - Krakow, 26 November 2013

#	Last name	Name	Organisation (English)	Country	Study tour	Signature
1	Andrzejewski	Waldemar	Municipality of Piaseczno	Poland		
2	Baltador	Mihai	Foundation for Professional Development in Public Administration	Romania	Yes	
3	Bažant	Martin	ATREA	Czech Republic	Yes	
4	Del Giudice	Matteo	University of Turin	Italy	No	
5	Domanik - Growiec	Anna	Katowice City Hall	Poland		
6	Glińska	Ewa	Municipality of Krakow	Poland		
7	Jaskula	Ana	PNEC	Poland		
8	Kautsch	Marcin	Sucha Beskidzka Hospital	Poland		
9	Kobylnski	Krzysztof	Protection	Poland	Yes	
10	Kociałkowska	Aleksandra	European Foundation for Monuments Protection	Poland	Yes	
11	Koterba	Eizbieta	City of Krakow	Poland		
12	Kowalówka	Ewa	Katowice City Hall	Poland		
13	Kraśniński	Andrzej	Municipality of Krakow	Poland		
14	Kunt	Duru Ipek	ICLEI Europe	Germany	Yes	
15	Lenartowicz-Sokolowska	Nina	City of Krakow	Poland	Yes	
16	Lichoń	Mateusz	Sucha Beskidzka Hospital	Poland		
17	Longo	Maria Cristina	SITI-Higher Institute on Territorial Systems for Innovation	Italy	Yes	
18	Nastro	Alfonso	University of Calabria	Italy		
19	Newcombe-Jones	Cleo	Bath & North East Somerset Council	UK	Yes	
20	Olejniczak	Krystyna	Central Mining Institute	Poland	Yes	
21	Panescu	Eugen	Planwerk	Romania	Yes	
22	Papoi	Ioan	Municipality of Bistrita	Romania	Yes	
23	Petc	Tomasz	Municipality of Krakow	Poland		
24	Pollak	Karel	City of Ljubljana	Slovenia	Yes	
25	Pop	Monica	Municipality of Bistrita	Romania	Yes	
26	Rambelli	Giorgia	ICLEI Europe	Germany	Yes	
27	Rostello	Grazia	Municipality of Vicenza	Italy	Yes	











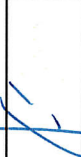

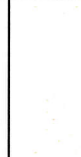
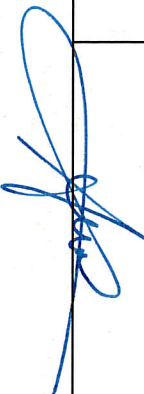
28	Sabatino	Stefania	SITI-Higher Institute on Territorial Systems for Innovation	Italy	Yes	<i>Roberto Robertino</i>
29	Sevela	Pavel	University of Innsbruck	Austria	Yes	<i>Saha</i>
30	Sever	Moldovan	Municipality of Bistrita	Romania	No	
31	Skubida	Wacław	Municipality of Krakow	Poland	No	
32	Stanciu	Oana	Alba County	Romania	No	
33	Szymczyk	Eva	UCLG	Spain	Yes	<i>Amir</i>
34	Tamas	Stefan	Municipality of Bistrita	Romania	Yes	<i>Stefan</i>
35	Torregrossa	Marco	European Partners for the Environment	Belgium	No	<i>Marco</i>
36	Van Rompaey	Sara	Sara Van Rompaey Architects	Belgium	Yes	<i>Sara</i>
37	Warat	Jadwiga	Municipality of Krakow	Poland		<i>Jadwiga</i>
38	Wederbrunnen	Ola	The Royal Danish Academy of Fine Arts	Denmark	Yes	<i>Ola</i>
39	Zaucha	Dorota	Municipality of Krakow	Poland		<i>Dorota</i>
40	Zikán	Zdeněk	ATREA	Czech Republic	No	<i>Zdeněk</i>

41 *TEDDY BRIGGIER*
 42 *ANDRZEJ WYZYKOWSKI*
 43 *BEATA LENDA*

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CHIEF ARCHITECT
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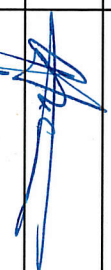





3ENNCULT - WORKSHOP - Alba Iulia, 4 March 2014

#	Last name	Name	Organisation (English)	City	Country	Signature
1	Andreon	Fabio	Municipality of Bologna	Bologna	Italy	
2	Baltador	Mihai	Foundation for Professional Development in Public Administration	Sibiu	Romania	
3	Banica	Cristian	ARHITECTONIK 2000 Bucharest/ Center for Studies in Contemporary Architecture	Bucharest	Romania	
4	Belala	Mihai	Alba Iulia City Hall	Alba Iulia	Romania	
5	Bocan	Monica	S.C. Architect Magda S.R.L	Alba Iulia	Romania	
6	Boer	Liliana	Fagaras Municipality	Fagaras	Romania	
7	Cojocaru	Adrian Ștefan	S.C.COMPACT S.R.L.DEVA	Deva	Romania	
8	Cojocaru	Mariana Carmen Constanta	ORAȘTIE City Hall	Oraștie	Romania	
9	Delcea	Cristian	Oradea Metropolitan Area	Oradea	Romania	
10	Collaro	Carolina	Nova Gorica University, Venice	Venice	Italy	
11	Dogeanu	Ion	AEEPMM	Bucharest	Romania	
12	Farkas	György	Odorheiu Secuiesc City Hall	Odorheiu Secuiesc	Romania	
13	Fleschin	Stelian	Fleschin Architecture Office	Alba Iulia	Romania	
14	GACICHEVICI	Anne Marie	Giurgiu City Hall	Giurgiu	Romania	

15	Ghibu	Iulia Camelia	SC.CORINT.SRL		Santimbru	Romania	
16	Ioan	Papoi	Bistrita City Hall		Bistrita	Romania	
17	Kenderessy	Maria-Lotte	Arad City Hall		Arad	Romania	
18	Kunt	Duru Ipek	ICLEI Europe		Freiburg	Germany	
19	Lipoveanu	Adriana	Oradea City Hall		Oradea	Romania	
20	Lorincz	George	Alba Iulia City Hall		Alba Iulia	Romania	<i>He signed in # 44!</i> 
21	Lupsea	Angela	Foundation for Protecting Historical Monuments from Bihor County		Oradea	Romania	
22	Magda	Sorin	S.C. Architect Magda S.R.L		Alba Iulia	Romania	
23	Marcu	Sebastian	Oradea Metropolitan Area		Oradea	Romania	
24	Mihaila	Marina	University of Architecture and Urbanism "Ion Mincu" Bucharest		Bucharest	Romania	
25	Moldovan	Sever	Bistrita City Hall		Bistrita	Romania	
26	NACEA	Radu	"Ion Mincu" University of Architecture and Urbanism - Bucharest		Bucharest	Romania	
27	Nicolai	Moldovan	Alba Iulia City Hall		Alba Iulia	Romania	
28	Nicoleanu	Sorin Andrei	Iasi European Capital of Culture Foundation		Iasi	Romania	
29	Oprisiu	Corina	Hunedoara City Hall		Munedoara	Romania	
30	Panescu	Eugen	Planwerk		Cluj	Romania	

31 Pețușta Angela Tug.

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31	Pelizzaro	Piero	Kyoto Club	Rome	Italy	
32	Pop	Monica	Bistrita City Hall	Bistrita	Romania	
33	Puskas	Emese	Odorheiu Secuiesc City Hall	Odorheiu Secuiesc	Romania	
34	Radu	DRĂGAN	Arad City Hall	Arad	Romania	
35	Rambelli	Giorgia	ICLEI Europe	Freiburg	Germany	
36	Sapatoru	Dacia	Fagaras Municipality	Fagaras	Romania	
37	Sas	Andreea	SC. CINETIC STUDIO SRL.	Orastie	Romania	
38	Suciu	Alexandra	SC. CINETIC STUDIO SRL.	Alba Iulia	Romania	
39	Todor	Radu	SC. CINETIC STUDIO SRL.	Alba Iulia	Romania	
40	Troi	Alexandra	EURAC	Bolzano	Italy	
41	Tudor	Alina	SC GENERAL GAME SRL	Sântimbru	Romania	
42	Veg	Mihai	Fleschin Architecture Office	Alba Iulia	Romania	
43	Voicu	Paul	Alba Iulia City Hall	Alba Iulia	Romania	Deputy Mayor / attended the WSI
44	LOREINCZ	GEORGE	Alba Iulia City Hall	Alba Iulia	Romania	
45	FUTOI	EMANUEL EVERU	Baia Mare City Hall	Maramures	RO	

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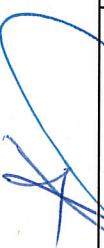
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- 47. Petruta, Anabela - Ighiu -
- 48. Puscaș, Cristian - Oradea
- 49. TAJTI, MARIUS - ORADEA





3ENCULT Workshop - "Preserving community history through energy efficiency"

23 March 2013 – Bologna, Italy

Evaluation Summary

By analyzing the 6 evaluation forms collected after the Workshop in Bologna, we notice that 67% of the participants found the workshop as very good, 33% as good..

From prior to after the session, all participants rates their knowledge as improved: with the amount of participants with level "very good" from 1 to 3 .

The attendees show particular interest in the technical solutions development, best practices and financing options.

Feedback Evaluation Form

Your details:

Title & Full Name:				
Job Title:				
Organisation:				
Email:				
Do you work with a local government (municipality) on historic building renovation and/or energy issues?	Buildings		Energy	
	Yes 5	No 1	Yes 4	No 1

	Question	Tick as applicable				
		Very poor	Poor	Fair	Good	Very good
1	What was your level of knowledge on energy efficient solutions in historic buildings <u>before</u> the session?	0	2	1	2	1
2	What is your level of knowledge on energy efficient solutions in historic buildings <u>after</u> the session?	0	0	2	1	3
3	Overall, how would you rate the content of the session?	0	0	0	2	4
4a	Overall, how would you rate the style, delivery and helpfulness of the moderator?	0	0	0	0	5
4b	How would you rate the style, delivery and content of the presentations?	0	0	0	1	5
5	What information did you find most useful?					

	<ul style="list-style-type: none"> • Modern solutions on energy efficiency on historic buildings & financial tools. Exchange among so different institutions • Funding solutions/SEAP • Quite all the presentations provided useful info: existing projects, analysis, main issues about E.E. on heritage buildings. Very interesting statistics on E.E. possibility (how much energy you can save? on heritage buildings) • ACC • Showcase and ideas and experience of participants. Cumulus available for investment on Energy Saving 						
6	What information did you find least useful? <ul style="list-style-type: none"> • info about financing • Roberto Cioni- kindergarden 						
7	Is there anything that you would have liked to have seen covered that wasn't? <ul style="list-style-type: none"> • no • More about of financial (EU-Money-Project) • You about public funding availability 						
8a	Will you be passing information to your colleagues and to colleagues from other local governments? <table border="1"> <thead> <tr> <th>Yes</th> <th>No</th> <th>Not sure</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Yes	No	Not sure	5	0	0
Yes	No	Not sure					
5	0	0					
8b	Why? <ul style="list-style-type: none"> • because of the innovative field • we are now building a new project on E.E. on hybrid buildings in Venice • I see good solution for buildings and saving energy • data about intervention 						
9a	Do you intend to sustain / update your knowledge of energy efficient solutions in historic buildings in the future? <table border="1"> <thead> <tr> <th>Yes</th> <th>No</th> <th>Not sure</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Yes	No	Not sure	5	0	0
Yes	No	Not sure					
5	0	0					
9b	How? (e.g. 3ENCULT newsletters, websites, etc..) <ul style="list-style-type: none"> • all • 3encult, my own... • Websites • 3Encult, websites 						
10a	Would you recommend this study tour to others? <table border="1"> <thead> <tr> <th>Yes</th> <th>No</th> <th>Not Sure</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Yes	No	Not Sure	5	0	0
Yes	No	Not Sure					
5	0	0					
10b	Why? <ul style="list-style-type: none"> • Awareness of Energy efficiency is very important • we could see effective realizations • was excellent • A good experience to exchange information and best practice solutions 						
11	Please list up to 3 aspects where you plan to follow up historic buildings and energy efficiency relevant to your own / organisation policy or practice						

	<ul style="list-style-type: none"> • Presentations and collaborations *** this with other future institutions; Strategic proposals for Capitalisations of the *** • Funding; Landscape solutions; earthquake • Involvement of professionals, Suprintendence, local experts, University; research project at local-national level/Technical materials;Communication of possibilities offered by technology to historical building owners • Energy savings; Restauret an old buildings; how com to EU Money-Projects • SEAP implementation; historical buildings improvement using; improvement of local economy (green economy) 					
12	Would you like to be informed about resources events and activities on the topic of energy efficiency for historic buildings and their integration into climate mitigation and adaptation strategies for local governments?	Yes 4	No 0	Why?	Not Sure	Why?
13	General comments <ul style="list-style-type: none"> • excellent organization of the event • All presentation should be in English! Ar just the .ppt-ies • Lot of interesting infos: technical, academic, from designers, owners, authorities: GOOD! • Very good organization, good praxis, I like see more study tour 					

3ENCULT Workshop: Preserving community history through energy efficiency – 26 November 2013, Krakow, Poland

Evaluation Summary

By analyzing the 11 evaluation forms collected after the Workshop in Krakow, we notice that 45,5% of the participants found the workshop as very good,, 27,7% as good and 27% as fair.

From prior to after the session, all participants rates their knowledge as improved: 7 participants moved from “poor” and “fair” to rating their knowledge as good.

The attendees show particular interest in technical solutions development , tourism and cultural heritage protection, and on best practices.

Feedback Evaluation Form

Your details:

Title & Full Name:				
Job Title:				
Organisation:				
Email:				
Do you work with a local government (municipality) on historic building renovation and/or energy issues?	Buildings		Energy	
	Yes 10	No 1	Yes 5	No 2

	Question	Tick as applicable				
		Very poor	Poor	Fair	Good	Very good
1	What was your level of knowledge on energy efficient solutions in historic buildings <u>before</u> the session?	0	1	6	3	1
2	What is your level of knowledge on energy efficient solutions in historic buildings <u>after</u> the session?	0	0	0	9	2
3	Overall, how would you rate the content of the session?	0	0	3	3	5
4a	Overall, how would you rate the style, delivery and helpfulness of the moderator?	0	0	0	1	10
4b	How would you rate the style, delivery and content of the presentations?	0	0	0	5	6
5	What information did you find most useful?					

	<ul style="list-style-type: none"> • Discussion about comisoner and economy/energy • The overview of Marco Torregrossa • Funding opportunities • Prezentacya pari Aleksandry Kociakowskiej, Europesnie fundaedji ochrony zabytksw i Pauela Sevela- Insbruck • TrainRebuild Project for the problems above private owners. Hottinger school experience , Bath city best practice • The connections between Sustainable Strategies of local level with the practices *** • cases studies • study case • study case • Intersting was the Romanian examible by "Jugin"; Hotingen school...of course; Marco's presentation about training and explanation to land lords how to proceed and motivate them • Touristic use of cultural heritage; private sector commitment in international projects; holistic approach/methodology 			
6	What information did you find least useful? <ul style="list-style-type: none"> • Details about Textile Differ • Technical details • The study case 			
7	Is there anything that you would have liked to have seen covered that wasn't? <ul style="list-style-type: none"> • The responsibility of local authorities- it is the matter of "our Cultural Heritage", it should be a common task! • More complicated projects od historical importance including HS social, economical and environmental aspects • More best practices of Historic buildings, in the technical aspects a list of possible solutions for common problems • Have to combine Strategical aspects with practice /administrative issues • no • The economical aspect of refurbishment and locus mone on motivation and lowering the usteps "for building owners on the way to E.E. 			
8a	Will you be passing information to your colleagues and to colleagues form other local governments?	Yes 11	No 0	Not sure 0
8b	Why? <ul style="list-style-type: none"> • We work together and have interest in the project • Because they are very important for me and aur municipality • to environmental sector of my municipality • Because I want to know the informations • We will disaminate the minutes from Lodayin UIBK • best practices exchange is necessary to local authorities 			
9a	Do you intend to sustain / update your knowledge of energy efficient solutions in historic buildings in the future?	Yes 10	No 0	Not sure 1
9b	How? (e.g. 3ENCULT newsletters, websites, etc..) <ul style="list-style-type: none"> • as possible • 3Encult, webistes • new programs • SINFONIA Project • 3ENCULT newsletters, website 			

10a	Would you recommend this workshop to others?			Yes 9	No 0	Not Sure 0
10b	Why? <ul style="list-style-type: none"> • Awareness of Energy efficiency is very important • depends if sb.ash • we need to *** this knowledge • A good experience to exchange informations and best practice solutions • is interesting and help the autencity • It has been a great networking and knowledge exchange opportunity 					
11	Please list up to 3 aspects where you plan to follow up historic buildings and energy efficiency relevant to your own / organisation policy or practice <ul style="list-style-type: none"> • ecology in community scale • insolution ventilation low energy • Private owners project for energy solutions • To introduce materials on this topic=training; • to inform the people about the measuring; to extend the collaborations with other authorities and specialists; to afford the founds for rehabilitations the private property • Stake holders involvement; energy efficiency in cultural heritage; EU funding and SMEs involvement 					
12	Would you like to be informed about resources events and activities on the topic of energy efficiency for historic buildings and their integration into climate mitigation and adaptation strategies for local governments?	Yes 8	No	Why?	Not Sure	Why?
13	General comments <ul style="list-style-type: none"> • All presentation should be in English! Ar just the .ppt-ies • Thanks of facilitating this meeting! • Was very intersting • thank you • ok and Thank you • Looking forward to WS in March 2014 :-) • Thank you very much for having involved our institute 					

3ENCULT Workshop: Preserving community history through energy efficiency - 4 march 2014, Alba Iulia, Romania

Evaluation Summary

By analyzing the 28 evaluation forms collected after the Workshop in Alba Iulia, we notice that 68% of the participants found the workshop as very good, 28,6% as good and 3.5% as fair.

From prior to after the session, all participants rates their knowledge as improved: with the amount of participants with level "good" moving from 9 to 17, and "very good" from 0 to 5 .

The attendees show particular interest in the the technical solutions development and on financing options.

Feedback Evaluation Form

Your details:

Title & Full Name:				
Job Title:				
Organisation:				
Email:				
Do you work with a local government (municipality) on historic building renovation and/or energy issues?	Buildings		Energy	
	Yes 16	No 9	Yes 8	No 13

	Question	Tick as applicable				
		Very poor	Poor	Fair	Good	Very good
1	What was your level of knowledge on energy efficient solutions in historic buildings <u>before</u> the session?	1	2	15	9	0
2	What is your level of knowledge on energy efficient solutions in historic buildings <u>after</u> the session?	0	2	4	17	5
3	Overall, how would you rate the content of the session?	0	0	4	15	9
4a	Overall, how would you rate the style, delivery and helpfulness of the moderator?	0	0	1	8	19
4b	How would you rate the style, delivery and content of the presentations?	0	0	3	15	10
5	What information did you find most useful?					

	<ul style="list-style-type: none"> • Technical information on energy efficiency solutions for historic buildings • Best practices • The innovative approach of building rehabilitation. Choose the right solution for your problem! • study case • Possibility of finding custom modern windows of old buildings. Technical information regarding interior insulation • Save energy improve building resilience: to increase the sustainability and climate protection • Technical details, financial implementation • Examples from the city of Bologna and discussions • the real implementation of systems/management • information about 3encult methodologies and technical solutions and about experiences from Romania and others countries • inside insulation of buildings • The presentation on 3encult methodologies and technical solution. I am very interested on practical examples • exchange of good practice, technical level in international examples • Energy saving potentials 			
6	<p>What information did you find least useful?</p> <ul style="list-style-type: none"> • all the presentation of Wefal Baltodar • Experiences from Romania . Very global scale presentation and it could take a long time for looking closer to the heritage building as individual applications (urgent ones) • How can you finance interventions of historic buildings? • all informations was useful • Focus on financing • The presentation from the Foundation for Professional Development in Public Administration • Tourism presentation are incomplete in my opinion 			
7	<p>Is there anything that you would have liked to have seen covered that wasn't?</p> <ul style="list-style-type: none"> • decisional approaches • how can we finance these buildings • Information about financing lined for conservation and efficientizing old buildings • Romanian practice on energy efficiency on heritage buildings. (real or comparative study cases) • more information about the context of the buildings that need energy efficient solutions, and the differences between them (individual, administrative, commercial) • the starting point of the city developments • examples for partnership public-private • I do not work on historical building directly, but I deal with the city and I would have liked more practical, technical data to use and adapt in my projects • Green facades 			
8a	<p>Will you be passing information to your colleagues and to colleagues from other local governments?</p> <table border="1"> <tr> <td>Yes 11</td> <td>No 0</td> <td>Not sure 0</td> </tr> </table>	Yes 11	No 0	Not sure 0
Yes 11	No 0	Not sure 0		
8b	<p>Why?</p> <ul style="list-style-type: none"> • it is something new • because we need deeply to find solutions and we have to start somewhere 			

	<ul style="list-style-type: none"> • I think is good for our organization • to identify the approaches that we can explore for our buildings • I think the knowledge and practice on study cases are relevant to be followed • because the lack of local knowledge about the subject, but mainly because there is a lack on interest about the subject • I am a good colleague, it's important for other architects • to research and develop local heritage • it's important to collaboration on this topic • because I think it is an important issue • Because we need, especially the activities and urban planners, to become more aware and responsible with the projects affecting the built environment directly • To encourage exchange of informations and positive reaction to the subject and prevent destructive interventions 			
9a	Do you intend to sustain / update your knowledge of energy efficient solutions in historic buildings in the future?	Yes 10	No 0	Not sure 1
9b	How? (e.g. 3ENCULT newsletters, websites, etc..) <ul style="list-style-type: none"> • websites, projects • mostly websites and newsletters (ICLEI, URBACT) • personal research, website+pther workshops • by email • 3encult newsletter, websites this though my teaching and research projects • keeping myself informed through newsletters and new technologies (includin experimental ones) • websites, next workshop • website and research • all of the above :) • Blogs, conferences and discussions, 3encult newsletter, ... • Blogs, "DETAILS" books • 3encult, newsletter, websites, workshop, further professional qualifications 			
10a	Would you recommend this workshop to others?	Yes 9	No 0	Not Sure 0
10b	Why? <ul style="list-style-type: none"> • useful • they can learn something • Because it raised some questions and increased the will of action in someway • to include the topic in the political debates • For good practice, knowledge and synthetic thinking in management and redesign process in architecture, ingenering cleaning and culture • I found it to be informative, as it presented the subject from different points of view (administrative, financial, technical) • very good core information for further research • I think it's important to promote this solutions • To be able to have a propper discussion with all the actors involved in the city, we need to be informed to be able to speak the same language • for capacity to provide technical info and gather public&private partners • Values (historical, cultural, economic environment= to design management; potential to conserve values of different plants solutions; fine to monito the plants installed 			

11	Please list up to 3 aspects where you plan to follow up historic buildings and energy efficiency relevant to your own / organisation policy or practice					
<ul style="list-style-type: none"> • financing projects; local programming • Multiplicate the information, impression of this workshop among my colleagues; going forward to join the covenant of Mayors; • in this issue to get a political support (local) to realize energetical audit for public buildings • Better identify process for that communities; • the results from other cities; • the idea from "workshop" from energy efficiency • SSE project with private owner for conservation and researting historical buildings • Revitalisation of historical buildings; • a guide of good-practice about energy efficiency;thermal rehabilitasion • I'm teaching my students at University of Architecture Bucharest (in approching the methods for apply on the city and buildings; • In practice- in my office for architecture www.architectoink.wordpress.com; In my research study www.cultureandspace.wordpress.com • possibility of implementation in refurbistiment of old buildings • local health development; • architecture heritage; polution impact • Create a list of problems after the point of view of energy for historical buildigns; • local health development - based on rehabilitation projects; architecture heritage - national and local => create a tourist circuit • illuminatul stradal cu panouri fotovoltaice pentru 24 de zrasi • Institutional built up for financing mechanisms and incents for private owners; standards of conservation+energy efficiency; innovative technical solutions • The way to produce green energy in the historical building; technology for the energy efficient 						
12	Would you like to be informed about resources events and activities on the topic of energy efficiency for historic buildings and their integration into climate mitigation and adaptation strategies for local governments?	Yes 8	No	Why?	Not Sure	Why?
13	General comments <ul style="list-style-type: none"> • thank you for invitation • First part very interesting, last part the administration info lacery • Very informative and usefull. Thank you • A problem si the lack of specialists and expersts confirmed as such by the Ministry of Culture in Hunedoara country • thank you for everything and good luck with all your future endeavors • Woul be glade to explore possible cooperations post-3encult => Congratulations! 					