



# **D 8.13 Three Study Tour**

## **Evaluation Report on study tours for local authorities**

**EUROPEAN COMMISSION  
DG Research and Innovation**

**Seventh Framework Programme  
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[Compatible solutions for improving the energy efficiency  
of historic buildings in urban areas]**

**Collaborative Project – GRANT AGREEMENT No. 260162**



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Technical References

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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 three study tours during the lifetime of the 3ENCULT project to support capacity development and information exchange. The **three tours** have taken place in **five of the 3ENCULT case studies** of the project and have been organized in collaboration with the local authorities where the buildings are based. The case studies visited were respectively:

- STUDY TOUR n.1: CS4 -Material Court of the Fortress, Copenhagen, Denmark,
- STUDY TOUR n.2: CS2-Palazzo d' Accursio and CS3- Palazzina della Viola, Bologna, Italy,
- STUDY TOUR n.3: CS1-Public Weigh House, Bozen/Bolzano, Italy and CS5 – Monumental school, Innsbruck, Austria.

n.1	
n.2	

n.3		
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**Table 1.1: Case studies visited during studies tour for local authorities**

All the tours counted between 15 and 28 participants, and where aimed at ensuring that local policy-makers and technical staff could directly:

- learn from experts how materials and technology options can be harmonised with cultural heritage,
- discuss and experience first-hand climate and energy actions, planned and implemented, within cultural heritage ,
- explore energy efficiency options, and the relevant context of local policy and urban planning – including financing opportunities, legislative frameworks and their results to the implementation
- share innovative approaches in bridging the gap between preserving European landmarks and energy efficiency.

To this aim, all study tours took place not only in the 3ENCULT case studies buildings but also in selected case studies in each of the cities visited.

The choice of showcasing directly the buildings allowed to experience directly the retrofit implemented, including the exploring the technologies and solutions developed and used, and to concretely discuss the retrofits, from one side, with the researchers and experts that have worked directly on the buildings, form the other, with the policy makers and the administration that has supported the set-up of the retrofit through funds, policy strategies and legislative frameworks.

## 2. Target group

The Study Tours to Case Studies 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). 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.

### 3. The study tours

The study tours took place between June 2012 and September 2013. In total 69 participants have been trained – the target foreseen was between 45 and 60.

The tours took place in North, Central and South Europe to ensure a widespread dissemination across Europe, and, at the same time, to ensure more areas' needs and experiences were reflected within the tours. This specific choice was made to enhance the potential for replication.

Each tour started with a session on policy and planning, with speakers from the local authority, followed by a brief introduction to the case studies to be visited in the afternoon – including overview of the technologies used.

In each tour, the experts leading the retrofit were involved and led the visit to the case studies, this allowed to integrate the informative approach of a session with ad hoc presentations both on the policy framework and on the case studies, in the first part of the programme, with experiencing and exploring, firsthand the solutions developed, the benefits brought and their harmonization with the cultural heritage values.

Financial aspects (how to find funds, financial framework of the local, regional and national, were 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.

The cities selected to host the tour have a long history of engagement in sustainability, and each of them has been extensively exploring the integration of sustainable energy action planning with urban planning, buildings and climate strategies. Copenhagen with its carbon neutrality by 2025 and the finger plan, to ensure green areas within the built development of the city, to ensure quality of life, Bologna with a Sustainable Action Plan that not only considers retrofit of residential and public buildings as core action, but also included cultural heritage in its action, are two notable examples.

#### 3.1 Copenhagen, Denmark

The first study tour took place on **26 June 2012**, in Copenhagen, Denmark. It took place earlier than foreseen by the description of the action, and it addressed Northern Europe and the Baltic region. A great line-up of experts guided the participants through observing and experiencing the most innovative measures implemented, discussing the difficulties encountered, and sharing input and capacity-building options for involving community and stakeholders. **Twenty-eight participants** (thirty registered) from **eight countries** took part in the tour.

Representatives from the city of Copenhagen were engaged in the development of the programme and took part in it, also as a speakers addressing the policy and strategy of the city both from a climate and a urban planning point of view.



**Picture 3.1: Material Court of the Fortress, Copenhagen Denmark**

The City of Copenhagen was a perfect fit for its ambition and dedication to cultural heritage protection and climate action. The city is committed to reduce its CO2 emissions by 20% by 2015, meaning an emission reduction of approximately 500.000 tons, dropping from 2.500.000 to 2.000.000 CO2. In Copenhagen, the goal of a 20 % reduction by 2015 was already achieved by 2011, when CO2 emissions were reduced by 21 % compared to 2005.

The object of **Copenhagen's Climate Plan** is now to contribute to a greener environment and to help Copenhagen becoming the world's first Carbon neutral city by 2025. The CPH 2025 Climate Plan layouts an holistic plan comprehensive of commitments and activities to be undertaken in four areas -energy consumption, energy production, mobility and the City administration. The CPH 2025 Climate Plan describes how the goal of carbon neutrality can be used to achieve a better quality of life for citizens, innovation, new jobs and investment through a joint collaboration between a local government, citizens and all stakeholders involved in the process

The study tour programme included visits to:

- the Fæstningens Materialegård – A 3ENCULT case study, its recent and ongoing energy restoration has been carried out not only to reduce carbon emissions and improve efficiency, but was fully intended from the outset to be an inspiring case study, one that would prove the feasibility of retrofitting to other listed building owners in Copenhagen;
- the Masteskurene and Mærsehuset - The “Masting sheds and top sail” building complex has been a great success, with new life breathed into the building complex whilst retaining its character. The project was nominated for the Mies van der Rohe Prize as good example of renovation that preserves an historical trademark and meets the users' needs;
- the Osram Building –a shining example to both Copenhagen and the rest of the world of the energy savings that can be achieved through sustainable retrofitting. The building, previously used for the manufacturing of light bulbs, has been extensively “energy renovated” while retaining respect for the building's unique history.

An hand-out was produced for dissemination

## 3.2 Bologna, Italy

The second study tour took place in Bologna, on **24 April 2013** and it was addressed to South European and Mediterranean countries. The study tour was held back to back with a workshop for local authorities that took place on 23 April 2013 and also involved the Italian working group of the Covenant of Mayors Supporters and Coordinators.

The City of Bologna was involved in the preparation of the programme and in the selection of the third case study. The City also gave an introduction of the policy of Bologna, both on climate and urban planning.

In Bologna, the retrofit of the 3ENCULT case study 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.



Picture 3. 2: Palazzina della Viola, Bologna, Italy

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.

**Sixteen participants from five countries**, mostly from the Mediterranean area, visited two 3ENCULT case studies and an additional building, during the tour:

- 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,
- Asilo Giaccaglia Betti - This kindergarten, built in the 1930s, is protected by the National Heritage Protection Agency. Still in use, the building was recently refurbished with a focus on energy efficiency and comfort of the user - a particularly challenging process, as it was built in Parco della Montagnola. This is a monumental park, and thus subject to heritage protection constraints.

### 3.3 Bolzano, Italy & Innsbruck, Austria

The third study tour took place in Bolzano, Italy and Innsbruck, Austria on **19 September 2013**. The study tour included a background introduction on the policy of the two cities concerning the energy and retrofit planning at local and urban level. The cities' strategies and actions were presented by representatives of the local municipal Councils (see programme).

More than 20% of the buildings in Bolzano were built before 1919, a total of 37% before World War 2. Heating of these buildings costs more than 40 kt CO<sub>2</sub> (0.4 t CO<sub>2</sub> per person and year).

Bolzano joined the Covenant of Mayors on 10.02.2009, and it is engaged in reducing its CO<sub>2</sub> emissions of 8.5 t/ person. The Master Plan of the city was approved on 21.01.2010 and was followed by a Plan for CO<sub>2</sub> neutrality on 04.03.2010.

The Master Plan is tightly linked to the concepts of environmental, social, and economic sustainability, and it aims to build a relationship between urban and rural component of the city, paying particular attention to safeguarding the link between green spaces, the built environment and the territory. Energy efficiency, the possibility of recovering energy passively and the commitment to building zero emissions buildings for the future are at the core of the Plan. Adequate energy efficient retrofit of existing buildings is also foreseen.

Bolzano limits to maintain the size of the city and to favour retrofit within this area, to ensure a balance with green areas. The city provides support to contractors and owners, as well as runs 20 pilot projects within the city, and it is working on the development of n ESCO, able to facilitate access to funds for retrofit and provide white certificates.



Picture 3.3: Weighhouse, Bolzano, Italy



The city of Innsbruck supports energy upgrades of residential buildings since 1 January 2013. The Innsbruck Energy Development Plan, launched in 2009, aims at implementing a wide range of measures to reduce energy consumption and increase renewable by 2025.

Among the measures implemented, the Innsbruck Sonnenscheine project, where citizens can purchase shares of solar energy.

Pilot projects are being implemented by the city in collaboration with business, but funding is offered to individuals, for retrofits that serve to reduce the demand for heating and soundproofing as well as eco-friendly measures, when the building permit at least dates back 10 years.

The city offers professional energy consulting, also able in collaboration with the urban planning department, able to give advice also on measures to be implemented in historic and listed buildings.

**25 participants**, visited:

- The Public Weigh house in Bolzano was built in the 13<sup>th</sup> century, but today it is used for commerce and residential purposes. The case study demonstrates how this site was retrofitted with better insulation and a high tech energy system throughout the building, particularly how windows from the 1950's were replaced with energy efficient alternatives.
- Neue Mittelschule Hötting - The school in Innsbruck was completed in 1931, and is considered an important example of early modern architecture. Unfortunately the original design of the building demands high energy usage and allows for severe overheating. In order to correct this, but also preserve the historical integrity of the building, an innovative and non-invasive ventilation retrofit was necessary. Participants will be able to view the unconventional ventilation system and its potential in the renovation process.

## 4. Outreach and dissemination

The study tours 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, respectively: North Europe and Baltic region for the study tour in Copenhagen, Mediterranean and South-East Europe for the Bologna event, Central, East and South Europe were invited to Bolzano and Innsbruck.

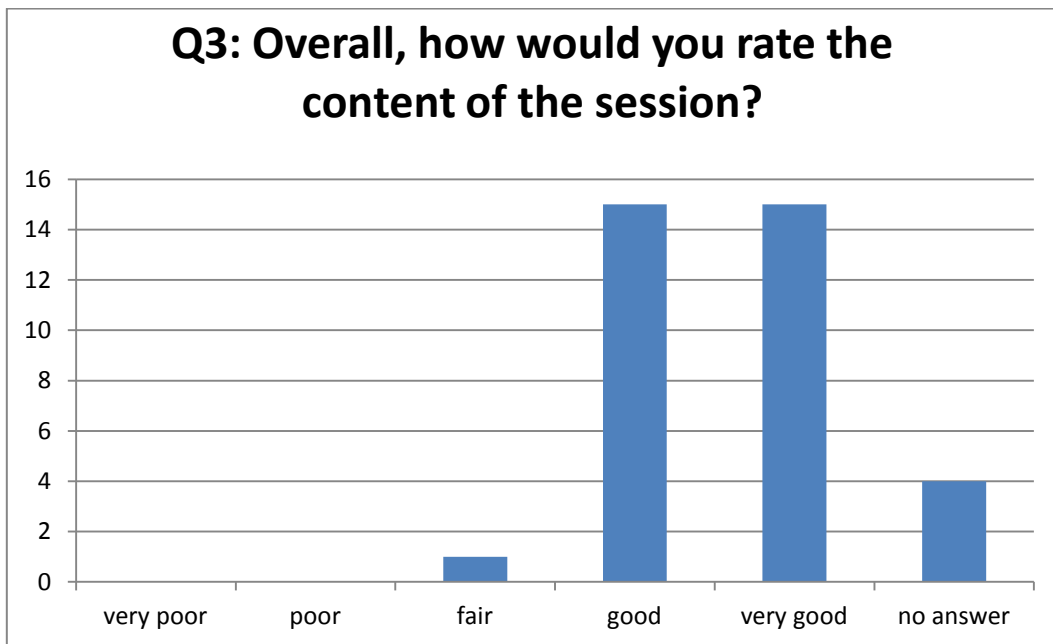
## 5. Evaluation

The study tours were attended by **69 participants**, surpassing the foreseen performance indicator (15 to 20 participants per tour). 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.

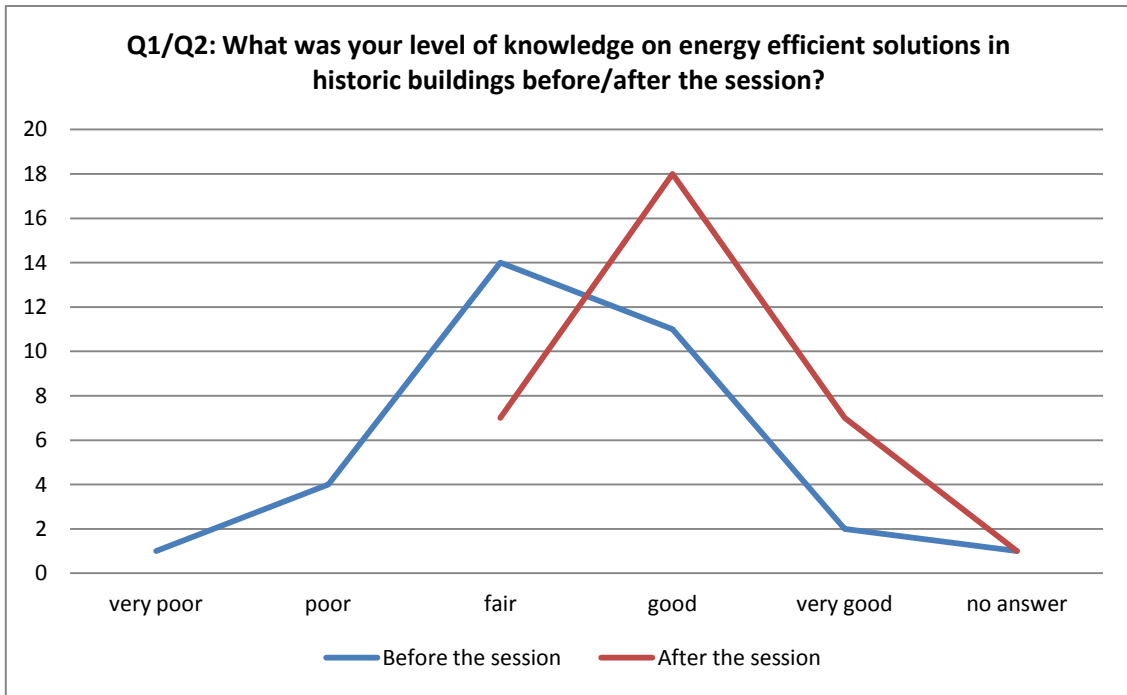
Out of **69 participants**, **33 questionnaires** were collected, below some results:

- 15 participants out of 33 rated the study tour as very good, 15 as good;



**Figure 5.1: Statistics on question.3 on content of the session.**

- 28 participants out of 33 stated they will pass on information to their colleagues
- 28 out of 33 will recommend the tours
- 20 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 11 to 18, and from 2 to 7 for “very good”



**Figure 5.2: 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**

# Join a great STUDY TOUR!

## 3ENCULT Study Tour - historic building renovation in Copenhagen

The 3ENCULT project offers you a free study tour opportunity for city representatives.

European city centers are of great historic and cultural value. How can we improve energy efficiency and the use of renewable energy while protecting historic buildings?

Explore these elements in the context of local policy and urban planning, learn about technology options from experts.

**Where?** The vibrant City of Copenhagen, Denmark

**When?** 26 June 2012

**What?** 1 full day, power-packed with examples and smart ideas on how to preserve your historic buildings more energy-efficiently.

**Who?** Open to local government representatives based in Northern Europe and the Baltic Region:

- Local political decision-makers who guide the urban planning strategy and/or climate protection work of the municipality.
- Technical staff working with monument protection, building and energy.

**Why?** There are many good reasons for engaging in this field, among others:

- Preserving cultural heritage in a changing world.
- Climate change mitigation and adaptation.
- Sustainable energy action planning.
- Sustainable urban tourism.

**Limited space – max. 20 people! Register soon by e-mailing us: [ccp-europe@iclei.org](mailto:ccp-europe@iclei.org).**

This study tour takes place in the framework of the 3ENCULT project, co-funded by 7<sup>th</sup> Framework Programme. It is co-organised by ICLEI Europe, the City of Copenhagen, and The Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation - School of Architecture.

# DRAFT PROGRAMME:

VENUE: Center for Miljø – Center for Environment  
Njalsgade 13  
2300 Copenhagen S

**Tuesday, 26 June 2012**

*Tour leaders: Maryke van Staden, ICLEI Europe and City of Copenhagen*

08 :45	<b>Registration</b>
09:00	<b>Welcome</b> - Event moderator: Maryke van Staden, ICLEI Europe
09:10 – 09:40	<p><b>Integrating historic building into climate policy and actions</b></p> <p><b>Focus on urban sustainable development</b> - Presentation by: Arch. Tøger Nis Thomsen, Environmental Department, City of Copenhagen.</p> <p><b>Focus on cultural heritage buildings:</b> Presentation by: Arch. Randi Dür Harphøth</p>
09:40 – 10:00	<p><b>Introducing 3ENCULT – Bridging the gap between preservation of European cities cultural heritage and energy efficiency</b></p> <p>Presentation by: Alexandra Troi, EURAC</p>
10:00 – 10:20	<p><b>Question time and discussions: Key issues of interest for the participants (e.g. how to deal with energy versus preservation needs, integration of monuments into urban sustainability concepts, ..)</b></p> <p>Facilitation: Maryke van Staden, Coordinator CCP Europe Campaign, ICLEI Europe</p>
10:20 – 10:40	Coffee break
10:40 – 11:00	<p><b>3ENCULT case study: Fæstningens Materialegård (The Material Court of the Fortress)</b></p> <p>Presentation by: Ola Wedebrunn, KARCH</p> <p>Focus: The recent and ongoing restoration and pilot project of the court provides a unique material when it comes to analyse concrete results of energy and cultural heritage.</p>

11:00 – 11:20

**National heritage site - factory in harbor renovation project**

**“New life for old buildings and districts”**

Presentation by: [Birgitte Kortegaard, project leader, City of Copenhagen](#)

Focus: the **Osram Building** – In line with Copenhagen’s objective to reduce the city’s CO2 emissions by 20% by 2015, the Osram Building shows that it is possible to reduce the energy consumption of an old building relatively inexpensively.

In the new Osram Building, the renovations have cut more than 60% of the building’s energy consumption through applying creative solutions to preserve the façade and to connect the building to the local district heating system.

11:40 - 12:00

**National heritage site - The Masteskurene**

**“Energy efficient preservation and comfort of the users”**

Presentation by: Arch. Frank Maali

Focus: **the Masteskurene and Mærsehuset on Holmen**- Masteskurene and Mærsehuset is a complex of sheds built between 1748 and 1829, used as an annex to the military shipyard to shelter ammunitions and build ships. Today they have been converted to offices and showrooms. The project was nominated for the Mies van der Rohe Prize as good example of renovation that preserves and historical trademark and meets the users’ needs.

12:00 – 13:30

**Lunch**

13:30 – 18:00

**Site visits x 3 (approx 1.5 hours per visit)**

**Experts will guide participants through the visit:**

- **Fæstningens Materialegård:** Ola Wedebrunn, KARCH(tbc)  
Frederiksholms Kanal 30, 1473 , Copenhagen
- **Masteskurene:** Arch. Frank Maali  
Galionsvej 35-41, 1437, Copenhagen
- **Osram Building:** Birgitte Kortegaard, project leader, City of Copenhagen  
Valhalsgade 4, 2200 , Copenhagen N





# Join a great STUDY TOUR!

## 3ENCULT Study Tour - historic buildings renovation in Bologna

The 3ENCULT project offers you a free study tour opportunity for city representatives.

European city centers are of great historic and cultural value. How can we improve energy efficiency and the use of renewable energy while protecting historic buildings?

Explore these elements in the context of local policy and urban planning, learn about technology options from experts and explore social and economic benefits for your community!

**Where?** The vivacious City of Bologna, Italy

**When?** 24 April 2013

**What?** A whole day of innovative solutions and smart ideas on how to preserve your historic buildings more energy-efficiently. Half a day details and half a day site visits.

**Who?** Local government representatives based in Southern Europe and the Mediterranean Region:

- Local decision-makers who guide the urban planning strategy and/or climate protection work of the municipality.
- Technical staff working with monument protection, building and energy.

**Why?** There are many good reasons for engaging in this field, among others:

- Preserving cultural heritage in a changing world.
- Climate change mitigation and adaptation.
- Sustainable energy action planning.
- Sustainable urban tourism.

**Limited space – max. 20 people! Register soon by e-mailing us: [ccp-europe@iclei.org](mailto:ccp-europe@iclei.org).**

This study tour 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](http://www.3encult.eu). It is co-organised by ICLEI Europe, the City of Bologna, and Alma Mater Studiorum University of Bologna.

# PROGRAMME:

**Venue:** Palazzina della Viola  
Via Irnerio, 42  
40126 - Bologna, Italy

**Wednesday, 24 April 2013**

*Tour leader: Giorgia Rambelli, ICLEI Europe and City of Bologna*

09 :15	<b>Registration</b>
09:30	<b>Welcome</b> <i>Riccardo Malagoli, Councillor for public works, housing and public safety, City of Bologna</i>
09:30 – 10:00	<b>Integrating historic building into climate policy and actions</b> <i>Giovanni Fini, Coordinator Environmental quality unit, City of Bologna</i>
10:00 – 10:20	<b>3ENCULT- developing win-win solutions for users comfort and energy efficiency in historic buildings</b> <i>Alexandra Troi, Vice-head of Institute, EURAC</i>
10:20 – 10:40	<b>Question time and discussions:</b> What do you as participant want to focus on in the study tour? Identify key issues to be explored and answered during the study tour.
10:40 – 11:00	<b>Coffee break</b>
11:00 – 11:20	<b>National heritage site – 3ENCULT case study: Palazzina della Viola</b> <b>“A living lab for preserving and creating culture”</b> Presentation by: Camilla Colla – University of Bologna Focus: <b>Palazzina della Viola</b> , a XVI <sup>th</sup> century building turned into a service area for 7,000 international and exchange students at Bologna University. 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.

11:20 – 11:40

**National heritage site - 3ENCULT case study: Palazzo d'Accursio**

**“Energy efficient preservation through local integrated strategies”**

Presentation by: Manuela Faustini, City of Bologna

Focus: the **Palazzo d'Accursio** is a 13<sup>th</sup> century sandstone palace owned by the Municipality and hosts a museum. The Palazzo represents a unique combination of architectural and decorative styles. A centuries old building becoming a living, valuable energy efficient historic monument, in use by citizens.

The refurbishment, in line with Bologna's objective to reduce the city's CO<sub>2</sub> emissions has just started, giving participants the opportunity of exploring the work-in progress. The restoration of Palazzo D'Accursio is a great example of successful collaboration within the departments of the local administration and with the local University.

11:40 - 12:00

**National heritage site – Asilo Giaccaglia Betti**

Presentation by: Roberto Cioni – Architect, responsible for the project

This kindergarten, built in the 1930s, is protected by the National Heritage Protection Agency. Still in use, the building was recently refurbished with a focus on energy efficiency and comfort of the user - a particularly challenging process, as it was built in Parco della Montagnola. This is a monumental park, and thus subject to heritage protection constraints.

12:00 – 13:30

**Lunch**

13:30 – 18:00

**Site visits x 3 (approx 1.5 hours per visit)**

**Experts will guide participants through the visit:**

- **Palazzo D'Accursio:** Manuela Faustini, City of Bologna  
Strada Maggiore, 44 40125 Bologna
- **Palazzina della Viola:** Camilla Colla, University of Bologna  
Via Irnerio, 42, 40126, Bologna
- **Asilo Giaccaglia Betti:** Roberto Cioni, Architect  
Via Irnerio, 2/2A, 40126, Bologna



# Join a great STUDY TOUR!

## 3ENCULT Study Tour - historic buildings renovation in Bolzano and Innsbruck

The 3ENCULT project offers you a free study tour opportunity for city representatives.

European city centers are of great historic and cultural value. How can we improve energy efficiency and the use of renewable energy while protecting historic buildings?

Explore these elements in the context of local policy and urban planning, learn about technology options from experts and explore social and economic benefits for your community!

**Where?** The charming cities of Bolzano (Italy) and Innsbruck (Austria)

**When?** 19 September 2013

**What?** A whole day of innovative solutions and smart ideas on how to preserve your historic buildings more energy-efficiently. Half a day details and half a day site visits.

**Who?** Local government representatives based in Central Europe:

- Local decision-makers who guide the urban planning strategy and/or climate protection work of the municipality.
- Technical staff working with monument protection, building and energy.

**Why?** There are many good reasons for engaging in this field, among others:

- Preserving cultural heritage in a changing world.
- Climate change mitigation and adaptation.
- Sustainable energy action planning.
- Sustainable urban tourism.

Limited space – max. 20 people! Register soon by e-mailing us at: [arianna.facchini@iclei.org](mailto:arianna.facchini@iclei.org).

# PROGRAMME:

VENUE: Municipio Storico

Via dei Portici, 30

39100 Bolzano BZ, Italia

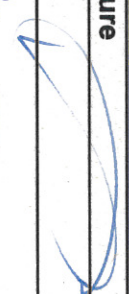






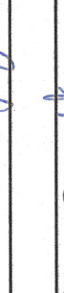







## Thursday, 19 September 2013

*Tour leaders: Giorgia Rambelli, ICLEI Europe and EURAC*

08:30 - 09 :00	<b>Registration</b>
09:00 - 09:30	<b><u>Welcome</u></b>
09:30 – 10:00	<p><b>Integrating historic building into climate policy and actions: Urban sustainable development &amp; cultural heritage</b></p> <p>Presentation by: <a href="#">Maria Chiara Pasquali, Vice-Mayor for Urban Planning, Housing and City Development</a></p>
10:00 – 10:15	<p><b>Funding energy efficiency in historic buildings</b></p> <p>Presentation by: Stiftung Südtiroler Sparkasse (tbc)</p>
10:15 – 10:30	<p><b>How 3ENCULT is busy bridging the gap between preservation of European cities cultural heritage and energy efficiency</b></p> <p>Presentation by: Alexandra Troi, EURAC</p>
10:30 – 10:40	<p><b>Question time and discussions:</b></p> <p>What do you as participant want to focus on in the study tour? Identify key issues to be explored and answered during the study tour.</p> <p>Facilitation: Giorgia Rambelli, ICLEI Europe</p>
10:40 – 11:00	<b>Coffee break</b>
11:00 – 11:20	<p><b>National heritage site – 3ENCULT case study: The Public Weigh house</b></p> <p><b>“A living lab for preserving and creating culture”</b></p> <p>Presentation by: <a href="#">Dagmar Exner – EURAC</a></p> <p>Focus: <b>The Public Weigh house</b> in Bolzano was built in the 13<sup>th</sup> century, but today it is used for commerce and residential purposes. The case study demonstrates how this site was retrofitted with better insulation and a high tech energy system throughout the building, particularly how windows from the 1950's were replaced with energy efficient alternatives.</p>

11:30 – 12:30	<p><b>Site visits x 1 (approx 1 hour) - Experts will guide participants through the visit:</b></p> <ul style="list-style-type: none"> <li>• <b>Public Weigh house:</b> Dagmar Exner, EURAC Piazza del Grano/ Kornplatz, Bolzano, Italy</li> </ul>
12:30 – 13:30	<b>Lunch</b>
13:30 – 15:00	Travel to Innsbruck – bus departs from Hotel Alpi - Via Alto Adige, 35
15:00 – 15.30	<p><b>Coffee break - Venue: Neue Mittelschule Hoetting</b></p> <p style="text-align: center;"><b>Fürstenweg 13 , 6020 Innsbruck</b></p>
15:30 – 16:30	<p><b>Welcome – Sonja Pitscheider, Vice-Mayor, City of Innsbruck</b></p> <p><b>Integrating historic building into climate policy and actions: Urban sustainable development &amp; cultural heritage</b></p> <ul style="list-style-type: none"> <li>• <b>Innsbruck´s energy development plan</b> Presentation by: Beatrix Frenckell, City of Innsbruck</li> <li>• <b>Funding households´ retrofits – focus on historic buildings</b> Presentation by: Stefan Siegele, City of Innsbruck</li> <li>• <b>Innsbruck´s special commission on design of new project &amp; renovation</b> Presentation by: Thomas Unterkircher, Innsbruck Urban planning Department, City of Innsbruck</li> </ul>
16:30 – 16:50	<p><b>National heritage site - 3ENCULT case study: Neue Mittelschule Hötting</b></p> <p><b>“Energy efficient preservation through local integrated strategies”</b></p> <p>Presentation by: <a href="#">Rainer Pfluger, Innsbruck University</a></p> <p>Focus: the <b>Neue Mittelschule Hötting</b> Monumental School in Innsbruck was completed in 1931, and is considered an important example of early modern architecture. Unfortunately the original design of the building demands high energy usage and allows for severe overheating. In order to correct this, but also preserve the historical integrity of the building, an innovative and noninvasive ventilation retrofit was necessary. Participants will be able to view the unconventional ventilation system and its potential in the renovation process.</p>
17:00 – 18:00	<p><b>Site visits x 1 (approx 1 hour) - Experts will guide participants through the visit:</b></p> <ul style="list-style-type: none"> <li>• <b>Neue Mittelschule Hötting:</b> Gerald Gaigg, Real Estate Administration, Innsbruck Fürstenweg 13 6020 Innsbruck</li> </ul>
18:00 – 19:30	Travel to Bolzano

## 3ENCULT Study Tour - 26 June 2012 - Copenhagen, Denmark



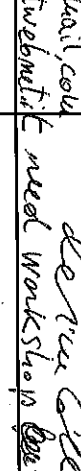


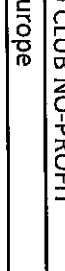

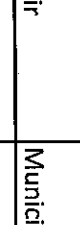
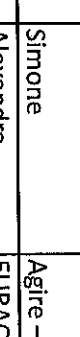
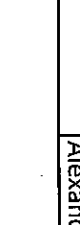
Last name	Name	Organisation	Country	Email	Signature
Blotnys	Artūras	City of Vilnius	Lithuania	arturas.blotnys@vilnius.lt	
Boro	Marte	Nowegian Directorate for Cultural Heritage	Norway	mb@ra.no	
Bodammer	Alexa	TU Dresden	Germany	L	
Capuzzi	Davide	Municipality of Bologna	Italy		
Colla	Camilla	Bologna University	Italy		
Dür Harphøth	Randi	City of Copenhagen	Denmark	randur@stn.tk.dk	
Eriksson	Petra	Gotland University	Sweden	petra.eriksson@hgo.se	
Faustini	Manuela	MUNICIPALITY BOLOGNA	Italy	manuela.faustini@	
Franzen	Christoph	IDK	Germany		
Gabrielli	Elena	Bologna University	Italy		
Galigg	Gerald	Innsbruck Property Company	Austria	g.galigg@hid.com	
Jönsson	Mats	City of Malm	Sweden	<del>matson</del> mats.k.jonsson@malmo.se	
Korsaksel	André	Oslo Cultural Heritage management office	Norway		
Kortegaard	Birgitte	City of Copenhagen	Denmark		
Längle	Kai Nikolaus	Innsbruck University	Austria	kai.laengle@uibk.ac.at	
Larsson	Magnus	City of Malm	Sweden	magnus.larsson@malmo.se	
Maali	Frank	MAALI & LALANDA ARCHITECT	Denmark	Frank@mlas.dk	
Nis Thomssen	Tøger	City of Copenhagen	Denmark		
Pärna	Angeelika	City of Rakvere	Estonia	angeelika.parna@rakvere.ee	




Part	Kaidi	City of Rakvere	Estonia			
Pflunger	Rainer	Innsbruck University	Austria	✓		
Prahm	Jan	Department for Heritage Preservation	Germany	✓	jan.prahm@kb.hamburg.de	
Rambelli	Giorgia	ICLEI Europe	Germany	✓		
Sonehag	Therese	Swedish National Heritage Board	Sweden		therese.sonehag@ra.se	
Troi	Alexandra	EURAC	Italy		alexandra.troi@eurac.edu	
Valdbjørn Rasmussen	Torben	Danish Building Research Institute (SBI)	Denmark	✓		
van Staden	Maryke	ICLEI Europe	Germany		maryke.van.staden@i.icsbi.org	
Wederbrunnen	Ola	KARCH	Denmark	✓		
Welge	Axel	German Association of Cities and Towns	Germany	✓		
Werliander	Pontus	City of Stockholm	Sweden			
DAMPTER	STINA	CITY OF COPENHAGEN	<del>DK</del>			

→

# 3ENCULT- STUDY TOUR - Bologna, Italy - 24 April 2013

#	Last name	Name	Organisation	Email	Signature
1	Arseniou	Spyros	Region of East Macedonia & Thrace	sarsenior@gmail.com	
2	Cioni	Roberto	Architect		
3	Colla	Camilla	Bologna University	camilla_colla@unibo.it	
4	Collaro	Carolina	Nova Gorica/IUAV University	carolina.collaro@fastwebnet.it	
5	Faustini	Manuela	Municipality of Bologna		
6	Fini	Giovanni	Municipality of Bologna		
7	Gabrielli	Elena	Bologna University	elena.gabrielli@unibo.it	
8	Jerebic	Iztok	Municipality of Beltinci	iztok.jerebic@bretari.si	
9	Malagoli	Riccardo	Municipality of Bologna		
10	Pellizzaro	Piero	KYOTO CLUB NO-PROFIT		
11	Rambelli	Giorgia	ICLEI Europe		
12	Rotta	Alessandra	Municipality of Camogli	ROTTA.AA.LIBERO.IT	
13	Rozman	Branimir	Municipality of Bohinj	BRANIMIR.ROZMAN@OBcina.BOHINJ.SI	
14	Tola	Simone	Agire - Venice Energy Agency	Tola@veniceenergy.it	
15	Troi	Alexandra	EURAC	ALEXANDRA.TROI	

presence

16	Van Rompaey	Sara	City of Ghent: Heritage and Architecture Department	
				<i>Mrs. Munnings</i>
				

*deputée*





21	Troi	Alexandra	EURAC	Italy	
22	Unterkircher	Thomas	City of Innsbruck	Austria	
23	Vrček	Srećko	REGEA	Croatia	<i>VR</i>
24	<del>CHELSTONER</del>	PILGARD	<i>Kt</i>	DENMARK	<i>[Signature]</i>
25	CAPRIZZI	TIZIANO	EURAC	ITALY	<i>[Signature]</i>
26	HAUTNER	PETRA	CITY OF INNSBRUCK	AUSTRIA	<i>[Signature]</i>
27					
28					
29					
30					



## 3ENCULT Study Tour - Historic building renovation in Copenhagen

26 June 2012 - Copenhagen, Denmark

### Evaluation Summary

By analyzing the 9 evaluation forms collected after the study tour in Copenhagen, we notice that 22,3% of the participants found the study tour very good, 55,5 % good..

From prior to after the session, all participants rates their knowledge as improved: with the amount of participants with level "good" from 2 to 5 .

The attendees show particular interest in the visit to the case studies visited, on technical solutions development, and urban planning.

### Feedback Evaluation Form

Your details:

<b>Title &amp; Full Name:</b>				
<b>Job Title:</b>				
<b>Organisation:</b>				
<b>Email:</b>				
<b>Do you work with a local government (municipality) on historic building renovation and/or energy issues?</b>	<b>Buildings</b>		<b>Energy</b>	
	<b>Yes</b> 7	<b>No</b> 0	<b>Yes</b> 6	<b>No</b> 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	1	4	2	1
2	What is your level of knowledge on energy efficient solutions in historic buildings <u>after</u> the session?	0	0	2	5	1
3	Overall, how would you rate the content of the session?	0	0	0	5	2
4a	Overall, how would you rate the style, delivery and helpfulness of the moderator?	0	0	0	2	5

4b	How would you rate the style, delivery and content of the presentations?	0	0	1	4	2
5	<b>What information did you find most useful?</b> <ul style="list-style-type: none"> <li>The detailed information of the involved architects about the case studies</li> <li>General Approach</li> <li>Comparison between different experiences and very different examples (different age, size, materials, ... )</li> <li>About the urban green planning of Copenhagen</li> <li>3encult project (Alexandra Troi?) and Copenhagen cultural environment selection and planning</li> <li>About lighting, natural and artificial</li> </ul>					
6	<b>What information did you find least useful?</b> <ul style="list-style-type: none"> <li>Not so many facts &amp; figures/value were given</li> <li>OSRAM interesting and full of news!</li> </ul>					
7	<b>Is there anything that you would have liked to have seen covered that wasn't?</b> <ul style="list-style-type: none"> <li>Local energy consumption cataster</li> <li>some more details about problematics encountered, and how these were faced in the cases shown</li> <li>More about the process of evaluation, who is involved our or which guidelines are they ***?</li> <li>measured numvers on the real heat consumption of the buildings presented</li> </ul>					
8a	Will you be passing information to your colleagues and to colleagues form other local governments?	Yes 8	No 0	Not sure 1		
8b	<b>Why?</b> <ul style="list-style-type: none"> <li>because I have seen interesting examples for retrofit</li> <li>networking, helps with similar projects</li> <li>There is much interest on these themes</li> <li>because of the findings of the 3encult project</li> </ul>					
9a	Do you intend to sustain / update your knowledge of energy efficient solutions in historic buildings in the future?	Yes 1	No 0	Not sure 1		
9b	<b>How? (e.g. 3ENCULT newsletters, websites, etc..)</b> <ul style="list-style-type: none"> <li>I am in the 3encoult project</li> <li>3encult newsletters</li> <li>all possible ways, including courses, participation in technical conferences, etc.</li> <li>3encult newsletters</li> </ul>					
10a	Would you recommend this study tour to others?	Yes 7	No 0	Not Sure 1		
10b	<b>Why?</b> <ul style="list-style-type: none"> <li>because it is a good combination of theories and touchable examples!</li> <li>innovation keeps development going on</li> <li>To visit practical examples/case studies is very informative, so is the exchange of experience between different countries.</li> <li>it is very interesting</li> <li>guidelines; Research and solutions, examples; trainings</li> </ul>					
11	<b>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</b>					



	<ul style="list-style-type: none"> <li>Public responsibility for public buildings as town halls, school... ; win win situation in time of financial crisis also generating new jobs; bettering economical/functional value of listed buildings</li> <li>Diagnostic of health-state of buildings by different technologies; integration of testing techniques with monitoring wireless systems</li> <li>the costs/who pay; how the administration can implement the project about this aspect</li> <li>yes, Need good examples</li> <li>Insulation;</li> </ul>			
12	<b>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?</b>	<b>Yes 4</b>	<b>No Why?</b>	<b>Not Sure Why?</b>
	<ul style="list-style-type: none"> <li>yes, It is a good opportunity to learn from other projects which are related to historical building</li> <li>yes, the building stock needs to be functional to nowadays needs</li> <li>yes to improve my knowledge</li> <li>yes, need good examples</li> </ul>			
13	<b>General comments</b> <ul style="list-style-type: none"> <li>well done!</li> <li>Good organization and reasonable size group of people joined the tour</li> <li>the tour was very interesting</li> <li>Curios if 3encult is satisfied with the workshop. Did you reach your target group?</li> </ul>			



This study tour took place in the framework of the 3ENCULT project, co-funded by 7th Framework Programme. It is co-organised by ICLEI Europe, the City of Copenhagen, and The Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation - School of Architecture.



## 3ENCULT Study Tour - "Cultural heritage and energy efficiency in Bologna"

24 April 2013 – Bologna, Italy

### Evaluation Summary

By analyzing the 9 evaluation forms collected after the study tour in Bologna, we notice that 44,4% of the participants found the workshop as very good, 44,4% 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 0 to 2, and for "good" from 4 to 5 .

The attendees show particular interest in the case studies visited, on technical solutions development, and financing options.

### Feedback Evaluation Form

Your details:

<b>Title &amp; Full Name:</b>				
<b>Job Title:</b>				
<b>Organisation:</b>				
<b>Email:</b>				
<b>Do you work with a local government (municipality) on historic building renovation and/or energy issues?</b>	<b>Buildings</b>		<b>Energy</b>	
	<b>Yes</b> 5	<b>No</b> 1	<b>Yes</b> 4	<b>No</b> 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	1	4	4	0
2	What is your level of knowledge on energy efficient solutions in historic buildings <u>after</u> the session?	0	0	2	5	2
3	Overall, how would you rate the content of the session?	0	0	1	4	4
4a	Overall, how would you rate the style, delivery and helpfulness of the moderator?	0	0	0	3	5
4b	How would you rate the style, delivery and content of the presentations?	0	0	0	2	7
5	What information did you find most useful?					

	<ul style="list-style-type: none"> <li>• Tipologie interventi =&gt; serramenti e sistemi di ventilazione</li> <li>• Funding options for SEAPs</li> <li>• Study tour</li> <li>• technical/engineering issues</li> <li>• Win-win solutions</li> </ul>			
6	<b>What information did you find least useful?</b> <ul style="list-style-type: none"> <li>• Mail</li> <li>• Contatti</li> </ul>			
7	<b>Is there anything that you would have liked to have seen covered that wasn't?</b> <ul style="list-style-type: none"> <li>• ppts</li> </ul>			
8a	<b>Will you be passing information to your colleagues and to colleagues from other local governments?</b>	<b>Yes</b> 8	<b>No</b> 0	<b>Not sure</b> 0
8b	<b>Why?</b> <ul style="list-style-type: none"> <li>• Per aumentare lo scambio di informazioni</li> <li>• See 23 april F.B</li> </ul>			
9a	<b>Do you intend to sustain / update your knowledge of energy efficient solutions in historic buildings in the future?</b>	<b>Yes</b> 7	<b>No</b> 0	<b>Not sure</b> 0
9b	<b>How? (e.g. 3ENCULT newsletters, websites, etc..)</b> <ul style="list-style-type: none"> <li>• Tramite sito ICLEI e altri, seguendone i lavori, per conoscere le innovazioni e le sperimentazioni</li> <li>• 3ENCULT newsletters and website</li> <li>• See 23 april F.B</li> </ul>			
10a	<b>Would you recommend this study tour to others?</b>	<b>Yes</b> 6	<b>No</b> 0	<b>Not Sure</b> 0
10b	<b>Why?</b> <ul style="list-style-type: none"> <li>• Perché sono il modo più concreto di scambiarsi le conoscenze e le sperimentazioni sulla base delle quali procedere su scelte e azioni</li> <li>• See 23 april F.B</li> </ul>			
11	<b>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</b> <ul style="list-style-type: none"> <li>• Tema del miglioramento energetico piuttosto che efficienza; ricerca di soluzioni di mediazione tra conservazione e innovazione; applicazione di sistemi di ventilazione</li> <li>• Financing SEAP actions, technical solutions</li> <li>• monitoring and software solutions, thermography, exchange between indoor environment and outdoor from energetic point of view</li> <li>• See 23 april F.B</li> </ul>			
12	<b>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?</b>	<b>Yes</b> 6	<b>No</b> 0	<b>Why?</b>  <b>Not Sure</b>  <b>Why?</b>
13	<b>General comments</b> <ul style="list-style-type: none"> <li>• Giornate decisamente costruttive con una buona organizzazione</li> <li>• Well done!</li> <li>• Nothing boring, useful issues!</li> </ul>			

## 3ENCULT Study Tour - “Cultural heritage and energy efficiency in Bolzano and Innsbruck” - 19 September 2013 – Bolzano, Italy & Innsbruck, Austria

### Evaluation Summary

By analyzing the 15 evaluation forms collected after the study tour in Bolzano and Innsbruck, we notice that 60% of the participants found the study tour very good, 40 % 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 4, and for “good” from 5 to 8 .

The attendees show particular interest in the visit to the case studies visited, on technical solutions development, and financing options and policy strategies.

### Feedback Evaluation Form

Your details:

<b>Title &amp; Full Name:</b>				
<b>Job Title:</b>				
<b>Organisation:</b>				
<b>Email:</b>				
<b>Do you work with a local government (municipality) on historic building renovation and/or energy issues?</b>	<b>Buildings</b>		<b>Energy</b>	
	<b>Yes</b> 5	<b>No</b> 8	<b>Yes</b> 5	<b>No</b> 6

	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	6	5	1
2	What is your level of knowledge on energy efficient solutions in historic buildings <u>after</u> the session?	0	0	3	8	4
3	Overall, how would you rate the content of the session?	0	0	0	6	9
4a	Overall, how would you rate the style, delivery and helpfulness of the moderator?	0	0	0	1	13
4b	How would you rate the style, delivery and content of the presentations?	0	0	1	9	5
5	<b>What information did you find most useful?</b> <ul style="list-style-type: none"> <li>The case study</li> <li>The overall estimation of local government</li> <li>Concrete examples explained and shown on the field, air ventilation system case was very interesting</li> </ul>					

	<ul style="list-style-type: none"> <li>• the connection between economic issues and environment friendly projects</li> <li>• HVAC systems and solutions</li> <li>• The solutions adopted in the school in Innsbruck</li> <li>• Case study visit, presentations and discussions</li> <li>• Insulation with the old building and air ventilation approaches</li> <li>• Seeing the building</li> <li>• Technical solutions</li> <li>• sia quelle riguardanti il nuovo tipo di infisso, sia quelle riguardanti la scuola di Innsbruck</li> <li>• The site visit, understanding directly the topics interested during the break sessions</li> <li>• About technologies and materials and their application</li> <li>• Innsbrucks retrofit plan (policy and funding)</li> </ul>			
6	<b>What information did you find least useful?</b> <ul style="list-style-type: none"> <li>• Introduction part about local legislation</li> <li>• about changinf windows from planning point of view</li> <li>• Financial info about project</li> <li>• Session by Innsbruck municipality</li> </ul>			
7	<b>Is there anything that you would have liked to have seen covered that wasn't?</b> <ul style="list-style-type: none"> <li>• pedagogie strategy from school leader point of view</li> <li>• Biomass systems and solar panels integrationcriteria for historic buildings</li> <li>• More time to see the whole building</li> <li>• Central Control system, ESCO</li> <li>• More information about construction materials</li> </ul>			
8a	<b>Will you be passing information to your colleagues and to colleagues form other local governments?</b>	<b>Yes</b> 12	<b>No</b> 1	<b>Not sure</b> 2
8b	<b>Why?</b> <ul style="list-style-type: none"> <li>• It was interesting</li> <li>• I dont work with local governments</li> <li>• Potential application on building renovation</li> <li>• The examples in Bolzano and Innsbruck could be a model for other municipalities</li> <li>• Dont work for local governments</li> <li>• Because I think that energy efficiency is very important</li> <li>• It is part of our mission</li> <li>• To help them to achieve goals</li> <li>• To spread good practices to be repeated</li> <li>• Important to share best practices</li> </ul>			
9a	<b>Do you intend to sustain / update your knowledge of energy efficient solutions in historic buildings in the future?</b>	<b>Yes</b> 14	<b>No</b> 0	<b>Not sure</b> 1
9b	<b>How? (e.g. 3ENCULT newsletters, websites, etc..)</b> <ul style="list-style-type: none"> <li>• handbooks, books</li> <li>• website</li> <li>• further reserach</li> <li>• 3ENCULT dissemination and direct contacts with partner to share knowledgeand involve them in our intervention</li> <li>• newsletters</li> <li>• conferences, publications</li> <li>• 3ENCULT newsletters, covenant capacity</li> <li>• on own project</li> <li>• staying in touch with your organisation via courses</li> </ul>			
10a	<b>Would you recommend this study tour to others?</b>	<b>Yes</b>	<b>No</b>	<b>Not</b>

		15	0	Sure 0		
10b	<b>Why?</b> <ul style="list-style-type: none"> <li>• It was very interesting</li> <li>• It is an option to take part and get to know</li> <li>• Effective in delivering/transmitting knowledge</li> <li>• very useful for capacity building and interdisciplinary dialogue</li> <li>• Really interesting and you can learn a lot!</li> <li>• A very good opportunity to get in touch with best practices.</li> <li>• It is important to have cultural heritage and meeting with people sharing the same interests</li> <li>• Useful for any type of building</li> <li>• well organised, very interesting</li> <li>• Knowing different ways of management</li> </ul>					
11	<b>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</b> <ul style="list-style-type: none"> <li>• Financial aspects, solutions</li> <li>• recent heritage, material qualities,</li> <li>• Put together relevant stakeholders in order to set enabling conditions, try to initiate a pilot action to introduce innovation, focus on real data /results and set feasible goals</li> <li>• It is part of our core activity</li> <li>• Restoration of our education center + my house which has been affected by the earthquake, campaigning for covenant of mayors, lobby on our oen admin</li> <li>• Energy Center</li> <li>• La conoscenza approfondita delle tecnologie; il rapporto con gli enti; nuove opportunità di finanziamento</li> <li>• Improve coordination between stakeholders involved in the process, improve passive house technology within private/public works, searching for new funding opportunities</li> <li>• ^Finding solutions to activate economic processes, improving communication with local community, searching for funding</li> </ul>					
12	<b>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?</b>	<b>Yes 10</b>	<b>No 0</b>	<b>Why?</b>	<b>Not Sure</b>	<b>Why?</b>
13	<b>General comments</b> <ul style="list-style-type: none"> <li>• a lot of energy has to be spent for some, at some special occasion local interest can help to make this possible when enlightened</li> <li>• Very good initiative, training of municipality staff is of key importance</li> <li>• Very interesting programme and speakers. Excellent organisation of the study tour.</li> <li>• Very interesting experience</li> <li>• Very good management of the study tour!</li> <li>• Very useful and interesting</li> <li>• Mi è piaciuto molto, grazie!</li> </ul>					