

Evaluation report of activity

W P 5

Name of the activity :	BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION
Date and venue :	17TH OCTOBER 2014, IDRIJA, SLOVENIA
Name of the evaluator / organization:	Antonija Wieser, CIPRA International

Main informations

Number of participants	63
Target group (professionals, elected people, technicians from public institutions, etc)	Municipalities and cities, regional and national governments (Politicians and staff responsible for building, energy, SEAP, urban planning, economy...), participants of the AsdJ general assembly (mayors and key staff), professionals (building companies and craftsmen, architects, organizations for local development, energy agencies and sustainable building experts, ...)
Main goal of this activity	Learn how/why collaboration is important when municipalities set up strategies for sustainable construction and implement them. How can municipalities establish effective collaborations for their strategies or building projects

How do you rate the followings points?
Highlight your choice
Unsatisfying>very satisfying

Outputs

The objectives of information or education or training seem to be met? <i>Explain why</i>	Yes, it was a good mix of alpine and Slovene examples on sustainable public construction and low carbon-low energy strategies for municipalities. Speakers like the Bruno Summer, mayor of St. Gerold, explained very well which collaborations are important for sustainable construction. Other speakers e.g. presented regional strategies like the SEAP or the Municipality Sentrupert, which developed its own Green integrated economy model.	☹☹ (1)	☹ (2)	😊 (3)	😊😊 (4)
The transfer of know how was successful? <i>Explain why</i>	Yes. The interactive format of the sessions organized as marketplace of ideas allowed a lot of exchange and discussion between participants, main speakers as well as speakers of the marketplace.	☹☹ (1)	☹ (2)	😊 (3)	😊😊 (4)

The number of participants was satisfying in relation to your expectations and your communication? <i>Explain why</i>	Yes, the number of participants was very high and background of participants diverse for the venue place, especially as Idrija, Alpine town of the year 2011, is a small alpine town not that easy to reach. We did regional and alpine-wide communication work.	☹☹ (1)	☹ (2)	☺ (3)	☺☺ (4)
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Quality of the activity

Quality of interventions and visits (content, duration, kind of visit...)	The quality was rated quite high by the participants, (3.8 and 4.4 out of 5) which is a satisfying answer.	☹☹ (1)	☹ (2)	☺ (3)	☺☺ (4)
Quality of exchanges or debates	As we planned a lot of time for the marketplace of ideas, there was a enough time for discussions, which caused and a lot of positive feedback from participants, especially because they were able to choose their favorite topics for discussion and engage in a deeper conversation.	☹☹ (1)	☹ (2)	☺ (3)	☺☺ (4)
Quality of the organization (timeline, accommodation services,...)	The venue place at the Idrija museum was a nice place and atmosphere, also the course of the event was working out as planned. Participant votes were very satisfying.	☹☹ (1)	☹ (2)	☺ (3)	☺☺ (4)

Others informations

Any remarks	One thing witch could have been improved, but is also very time consuming, would be a written hand-out at the spot of all speakers, Diverse information material was available at the welcome desk. A speech more on a political strategic (local and international) level would have rounded off the event even more. The conclusions in the end could have been communicated in a written way to participants.
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Global evaluation

What are the positive points of this activity?	A lot of different stakeholders from the ministry to local mayors and experts attended the event and had the opportunity to engage with stakeholders from different backgrounds to exchange their knowledge and views about how to implement sustainable buildings and what resources and strategies are needed	☹☹ (1)	☹ (2)	☺ (3)	☺☺ (4)
What are the negative points of this activity?	The sum up of the event could have been longer.	☹☹ (1)	☹ (2)	☺ (3)	☺☺ (4)
What are the points to improve for a next activity?	A handout for each presentation would have been nice, more time for harvesting and conclusion.	☹☹ (1)	☹ (2)	☺ (3)	☺☺ (4)
What is your personal impression?	The atmosphere at the workshop was nice and people were interacting a lot, especially during the interactive part.	☹☹ (1)	☹ (2)	☺ (3)	☺☺ (4)

More material

Add photos or video if appropriate (download address)

Join the program as pdf (

Enhanced you can find the program, material can be downloaded here:

<http://www.alpenstaedte.org/de/infoservice/downloads/workshop-nachhaltiges-bauen-und-sanieren-in-der-praxis> or here http://www.alpenstaedte.org/en/infoservice/downloads/workshop-building-and-renovating-in-a-sustainable-way-from-strategy-to-realization?set_language=en

Feedback from participants (synthesis of evaluation questionnaires for participants)

Number of responses: 22

Register for each following points the average score:

- Quality of the organization (registration, timeline, accommodation services,...) of the activity: 4.4
- Relevance of topics: 4.4
- Quality of interventions and visits: 3.8
- Quality of exchanges or debates: 4.4
- Their expectations about this activity have been achieved: 4.4
- Quality of the handouts: 3
- Quality of the venue and facilities: 4.4
- Their global impressions: 4.4

Make a synthesis of responses for each following questions (main remarks)

What will they implement in your organisation? Are you going to change your habits or make new decisions?

Participants want to implement and use knowledge gained with focus on sustainability and building and renovation. It is an on-going process. Application at the Convent of Mayors is planned.

How did they had the information about this activity?

What are the points to improve for a next activity?

Some reactions of the participants:

More diversity, more material in English, to continue the presentation of already implemented projects. Another interesting topic would be mobility in the Alps, communication with citizens and tourism

Others remarks or suggestions:

Around 40 percent of the energy consumption in Europe is used for the construction, renovation and demolition of buildings. Municipalities in the Alps and other mountain regions in Europe have already shown that the construction and occupancy of houses is possible with significantly less energy. Now they present their experiences in Idrija.

The goal of the workshop is to discuss the strategies and regulations that govern building construction. What kind of general framework needs to be set up by a municipality in order to build with the lowest energy consumption possible? Who needs to be involved in this process? How does successful cooperation within the region work?

Different approaches are possible. Through presentations in the marketplace, people from different alpine countries involved in strategies or their implementation will present their experiences, share their know-how and engage with participants.

Registration and further information:
www.alpenstaedte.org/en/current-topics/events/4984



Workshop

17th October 2014
Idrija, Slovenia

**BUILDING AND RENOVATING
IN A SUSTAINABLE WAY:
FROM STRATEGY
TO REALIZATION**



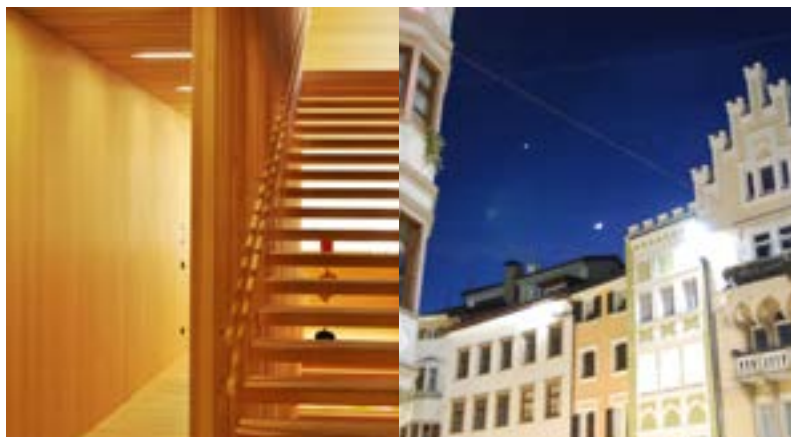
MOUNTEE

The project «MountEE – sustainable building in mountain regions» supports municipalities in the Alps, the Pyrenees and in Sweden achieving Near Zero Energy Building (NZEB) standards and in becoming front runners.

In six regions 25 to 30 public buildings will be built or renovated – sustainably and energy efficiently. Numerous local and regional stakeholders are involved in the project. The key to successful, sustainable building projects is a holistic and structured approach, from the idea, to planning and, finally, the end use. Regionally adapted service packages can now help municipalities to keep track of the various aspects. Experts such as building ecologists and environmental consultants assist the local authorities throughout the entire building process, providing advice on matters such as energy conservation, ecological building materials and quality assurance.

MountEE is being supported by the European Union within the programme «Intelligent Energy Europa» for three years.

www.mountee.eu



FRIDAY, 17TH OCTOBER

- 08:30 **Registration**
- 09:00 **Welcoming address**
Bojan Sever, Mayor of Idrija/SI
- 09:10 **Sustainable building and the Alpine convention**; Taja Ferjančič-Lakota, Permanent Secretariat of the Alpine Convention
- 09:15 **Sustainable public buildings in the Alps: the community centre of St.Gerold/A**
Bruno Summer, Mayor of St. Gerold/A
- 09:45 **Wood - chance and challenges for municipalities**
Bruno Dujč, Contemporary Building Desgin d.o.o./SI
- 10:15 **Presentation of the Marketplace**
Coffee break
- 11:00 **Marketplace of ideas**
Entrepreneurs, municipal employees and experts offer answers, suggestions and innovative examples. The market stalls are ready to receive groups of visitors every half hour.
- 12:30 Lunch
- 13:30 **Marketplace of ideas**
- 15:00 Conclusion
- 16:00 **Excursions «Discover Idrija»**
- 16:15 **No. 1: «Intelligent building» of Kolektor**
- 16:00 **No. 2: Anthony's shaft at the Idrija mercury mine**
The excursions end around 18:00.

SATURDAY, 18TH OCTOBER

- 19:00 The **Idrija Miners' Brass Band and the Chambéry Tétrás-Lyre Orchestra in concert**, Blue Hall

MARKETPLACE OF IDEAS

Advice and assistance services for municipalities and social housing organisations, Friuli Venezia Giulia/I

The toolkit «Advice and assistance services for municipalities and social housing organisations» was developed by the Regional Agency for Sustainable Construction within the MountEE project. It has been tested on pilot buildings under refurbishment or construction in the Friuli Venezia Giulia Region. The toolkit is divided into seven modules. Angela Sanchini from the Regional Agency for Sustainable Construction of Friuli Venezia Giulia/I will share the experience gained during the MountEE project.

The Green Integrated Economy Model of Šentrupert/SI

The municipality of Šentrupert developed its own «Green Integrated Economy Model». It is characterised by sustainable public buildings, low energy input from renewable sources and support for the local economy. A wooden low-energy kindergarten, built with local materials, heating and electricity production from wooden chips, waste-heat usage and a wood-processing centre are some of the implemented measures. Rupert Gole, mayor and architect of Šentrupert shows how sustainable buildings and energy use can be integrated in a wider strategy for communities.

Low carbon strategy of the Upper Soča Valley/SI

Energy-efficient refurbishment of buildings is just a small piece in the mosaic of sustainable building construction, but a great opportunity for local communities to act as example for others. The five Slovene municipalities of Bovec, Kobarid, Tolmin, Cerkno and Idrija have worked together under the coordination of the Upper Soča Valley Development Centre to develop a low carbon strategy for their region. In this, sustainable construction has an important role to play. Miro Kristan, project manager at the Soča Valley Development Centre shows measures municipalities can take in the field of spatial and energy planning, as well as sustainable buildings and the use of local materials.

Sustainable energy action plans and local authorities, Joint Research Centre of the European Commission

A Sustainable Energy Action Plan (SEAP) is the key document in which signatories of the Covenant of Mayors outline how they intend to reach their CO₂ reduction target by 2020. An expert from the Joint Research Centre of the European Commission will share present activities and measures local authorities can take within the SEAPs in order to reduce their energy use in their territories.

MARKETPLACE OF IDEAS

Renovation of the Cultural Centre Malraux in Chambéry/F

The town of Chambéry aims to be a leader in sustainable refurbishment and adopted the Agenda 21 in 2011. Since 2012, the municipality applies sustainability criteria for each of its building projects (construction or refurbishment) with the help of the manual «Construire, aménager et réhabiliter durable» («build, plan and retrofit sustainably»), developed by the city of Chambéry itself. Séverine Letheule, from the town of Chambéry, will explain the aims and concept of this manual and present the example of the cultural centre Malraux, which will - supported by experts of the MountEE project - be refurbished according to environmental and quality criteria.

Multifunctional Community Centre Rinka, Solčava/SI

In 2013 the Rinka Community Centre was awarded third place among more than 400 submitted projects at Constructive Alps – an international competition for sustainable construction and renovation in the Alps. The Centre for Sustainable Development was built with regional wood. It serves as an information point for tourism and sustainability projects of the region and also sells regional products to visitors.



EXCURSIONS «DISCOVER IDRİJA»

Exploring Idrija's transformation from the capital of mercury to a smart city

Idrija, «Alpine Town of the Year 2011», invites you to discover two of their characteristic places. The former capital of mercury developed during the last years into a city with clean high tech industry, taking measures and steps towards more sustainability and climate protection.

No. 1: «Intelligent building» of Kolektor

Kolektor is an international high-tech company with its headquarters in Idrija working in the fields of building construction, energy and industrial technology. The biggest employer of Idrija and its surroundings contributes with clean production and jobs to Idrija's low unemployment rate and quality of life. What are measures a headoffice of a global company takes in the field of sustainability and energy efficiency? What does the «intelligent building» of the marketing and development centre of Kolektor look like? Which renewable energy sources, heating and lighting systems are used in the building?



EXCURSIONS «DISCOVER IDRIJA»

No. 2: Anthony's shaft at the Idrija mercury mine

The former second biggest mercury mine in the world, today also recognised as UNESCO World Heritage site, still characterises Idrija. The mine has always had a big impact on the town's life and its people. It used to stand for air pollution, sickness and hard work. The excursion to the mine will lead about 400m below the surface and give an idea about past work and life in the mine. Today it is a good example of how a former polluter site can be transformed into a touristic centre in a sustainable way.

TWO ALPINE TOWNS IN CONCERT

The Idrija Miners' Brass Band and the Chambéry Tétrasyre Orchestra together in concert on 18th October in Idrija. Venue: Blue Hall (Modra dvorana), Lapajnetova ulica 48, Idrija, beginning at 7:00 p.m. More information under:
www.alpenstaedte.org/en/current-topics/events/4988

Excursions are free of charge, hosted by Idrija, «Alpine Town of the Year 2011». Please register at www.alpenstaedte.org/en/registration

Language: English with simultaneous translation to Slovenian



INFORMATION

Registration:

www.alpenstaedte.org/en/registration

Registration deadline: **10th of October**

The number of participants is limited to 50 persons.

Languages:

English with simultaneous translation to Slovenian

Venue:

Municipal Museum Idrija, Prelovčeva 9, 5280 Idrija, Slovenia

Participation fee:

Participation in the workshop is free.

A contribution of 20 EUR towards catering costs is to be paid at the reception in Idrija. Checks or credit cards are not accepted.

Travel and accommodation costs will be met by participants.

Contact:

«Alpine Town of the Year» association

Antonija Wieser

antonija.wieser@alpenstaedte.org

Tel.: +423 237 53 99

Further information:

www.alpenstaedte.org

www.mountee.eu

www.cipra.org

The workshop is organized by CIPRA International and the «Alpine Town of the Year» association with the support of the town of Idrija «Alpine Town of the Year 2011» and the project MountEE supported by the European Union within the programme «Intelligent Energy Europe».

Slight changes of the programme might occur.

IDRIJA

Idrija is a town situated in western Slovenia between the Alps and the Slovenian karst region. It is notable for its mercury mining history. Several buildings such as shops as well as miners' living quarters, a miners' theatre and infrastructure are witnesses of active mining times not so long ago. Idrija is one of the few places in the world where mercury occurs in both its elemental liquid state and as cinnabar (mercury sulphide) ore. Nowadays the mines are no longer being active. Since 2012 it has been a UNESCO World Heritage Site.

In 2011 Idrija received the title «Alpine Town of the Year», because it established a «Geopark» (an area with exceptional natural features in which the local inhabitants join efforts to protect nature and provide for rural development), expanded their cycling network and built decentralized wastewater treatment plants. Furthermore, Idrija has the necessary enthusiasm to include its 12'000 inhabitants in issues concerning the Alps.

www.idrija.si
www.geopark-idrija.si



ALPINE TOWN OF THE YEAR

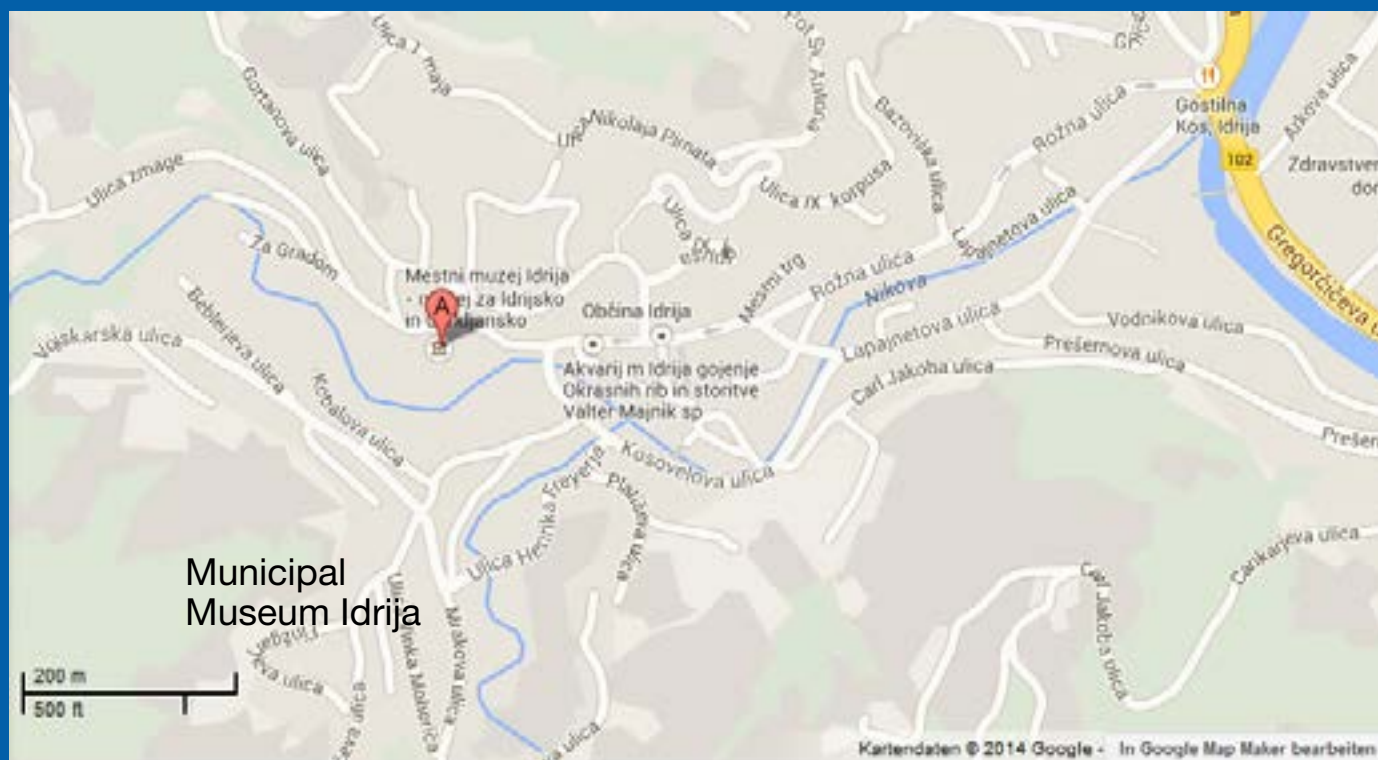
The «Alpine Town of the Year» association is a network of towns, which have all been awarded the title of «Alpine Town of the Year». The award commends an Alpine town for its particular commitment to the implementation of sustainable development in the Alps following the Alpine Convention and is presented by an international jury. At present 14 Alpine towns in six states were awarded this title.

One of the primary goals of the network is the exchange of knowledge within municipalities amongst others about building and renovating. These towns overcome geographical and linguistic borders to learn from one another. There is a lot of experience in the network. For example Sonthofen, «Alpine Town of the Year 2005» renovated an school house in a sustainable way by making it more energy efficient. Now the school saves 90 percent of the general energy demand and has 83 percent less CO₂ emission. Bolzano, «Alpine Town of the Year 2009» puts an effort to become a climate-neutral city via expansion of the bicycle routes and renovation or expansion of old houses rather than building new ones.

www.alpenstaedte.org/en



Map of Idrija



COMING TO IDRIJA

The town of Idrija offers a bicycle rental service.
There is no train station in Idrija. The closest one is Most na Soči, about 39km away.

Bus: Idrija is easily reached by bus, leaving from Ljubljana nearly every hour. The bus station and the ticket office are located in front of the main entrance of the central train station of Ljubljana.

Train: Ljubljana is reachable by train from Zürich/CH, Salzburg/A, Munich/D (direct connections), Venice/I or Udine/I (by bus to Villach/A, and from there by train to Ljubljana).

Car: Travel along the Ljubljana-Koper expressway and take the exit to Logatec. The distance between Logatec and Idrija is approximately 30 km.

Carpooling for the event: www.roadsharing.com

Further information:

www.vozni-red.si/bus (sl/en)

www.dolina-soce.com (de)

www.oebb.at (de/en)

LODGING AND ACCOMMODATION IN IDRIJA

Information on accommodation possibilities is available on the website of the Idrija tourist office.

TIC Idrija

Vodnikova 3, 5280 Idrija

+386 (0)5 37 43 916

tic@visit-idrija.si

www.visit-idrija.si (sl/en)

Stavbni objekti porabijo približno 40 odstotkov celotne energije. Alpske občine in druge gorske regije v Evropi so že postregle s primeri gradnje in načinov uporabe stavb, ki zagotavljajo občutno zmanjšanje porabe energije. V Idriji predstavljajo svoje izkušnje.

Cilj delavnice je razprava o strategijah in predpisih gradnje objektov. Kakšne splošne okvire morajo sprejeti občine za zagotavljanje energijsko učinkovite gradnje? Kaj mora biti vključeno v ustreznih procesih? Na čem temeljijo uspešne strategije sodelovanja znotraj regije?

Mogoči so tudi drugačni pristopi. Na predstavitvah na tržnici idej bodo strokovnjaki in strokovnjakinje z območja Alp, dejavni na področju oblikovanja oziroma izvajanja ustreznih strategij, z udeleženci in udeleženkami delili svoje izkušnje in znanje ter z njimi razpravljali o predmetni tematiki.

Prijava in dodatne informacije na:
www.alpskomesto.org/sl/aktualno/prireditve/4984



Delavnica

17. oktober 2014
Idrija, Slovenija

**TRAJNOSTNA GRADNJA IN
PRENOVA:
OD STRATEGIJE DO IZVEDBE**



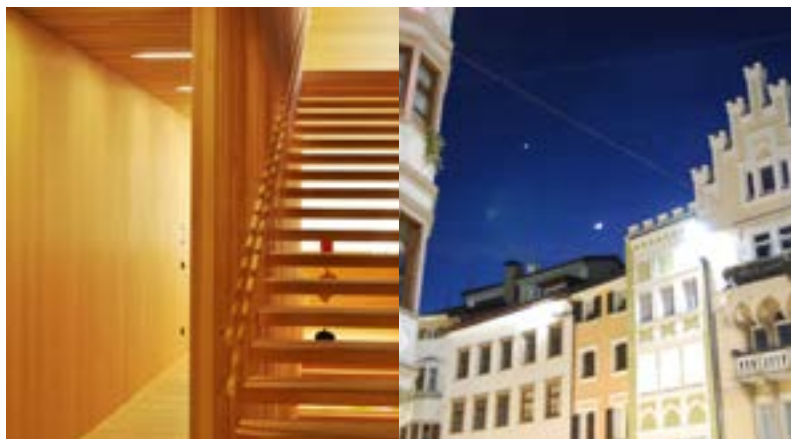
MOUNTEE

Projekt »MountEE – trajnostna in energijsko učinkovita gradnja v gorskih regijah« je namenjen podpiranju občin v Alpah, Pirenejih in na Švedskem pri uresničevanju ciljev doseganja standardov skoraj ničenergijske gradnje (NZEB) in prevzemanja zgledne vloge na področju trajnostne gradnje.

Na območju šestih regij se v skladu z načeli trajnosti in energijske učinkovitosti gradi oziroma prenavlja približno od 25 do 30 javnih stavb. V projektu sodelujejo številni lokalni in regionalni deležniki. Ključ do uspešne izvedbe projektov trajnostne in energijsko učinkovite gradnje predstavlja celosten in strukturiran pristop – od ideje, načrtovanja, vse do uporabe. Svežnji storitev, prilagojeni zahtevam posameznih regij, so namenjeni podpiranju občin pri upoštevanju različnih vidikov. Strokovnjaki, kot so gradbeni ekologi in okoljski svetovalci, bodo v sklopu projekta spremljali samoupravne lokalne skupnosti ter jim svetovali glede varčevanja z energijo, uporabe ekoloških gradbenih materialov in zagotavljanja kakovosti.

Trajanje projekta MountEE, ki ga financira Evropska unija v okviru programa Inteligentna energija za Evropo (Intelligent Energy Europe - IEE), je predvideno za obdobje treh let.

www.mountee.eu



PETEK, 17. OKTOBER 2014

- 08:30 **Registracija udeležencev**
- 09:00 **Pozdravni nagovor**
Bojan Sever, župan občine Idrija/SI
- 09:10 **Trajnostna gradnja in Alpska konven-**
cija, Taja Ferjančič-Lakota, Stalni sekre-
- 09:15 **Trajnostne javne zgradbe v Alpah -**
občinski center St. Gerold/A
Bruno Summer, župan občine St. Gerold/A
- 09:45 **Les – priložnost in izziv za občine**
Bruno Dujč, predstavnik podjetja Con-
- 10:15 **Predstavitev tržnice idej**

Odmor za kavo
- 11:00 **Tržnica idej**
Podjetniki, občinski uslužbenci in strokovnja-
- 12:30 Kosilo
- 13:30 **Tržnica idej**
- 15:00 Zaključek
- 16:15 **Ekskurzije »Spoznavanje Idrije«**
št. 1: »Inteligentni« objekt razvojno-tržne-
ga centra podjetja Kolektor Kolling
- 16:00 **št. 2: Antonijev rov v idrijskem rudni-**
ku živega srebra
Ekskurzije bodo trajale do predvidoma 18:00.

SOBOTA 18. OKTOBER 2014

- 19:00 **Idrijsko Godbeno društvo rudarjev in**
orkester Tétrás Lyre, Modra dvorana

Svetovanje in podpora občinam in neprofitnim stanovanjskim organizacijam, Center za trajnostno gradnjo Furlanije – Julijske krajine/I

Italijanski Center za trajnostno gradnjo Furlanije – Julijske krajine je v okviru projekta MountEE zasnoval sveženj storitev s skupnim naslovom Svetovanje in podpora občinam in neprofitnim stanovanjskim organizacijam. Omenjeno orodje je bilo preizkušeno na izbranih primerih novogradenj in prenovljenih stavb v pokrajini Furlaniji – Julijski krajini. Orodje temelji na sedmih modulih. Angela Sanchini iz Centra za trajnostno gradnjo Furlanije – Julijske bo predstavila izkušnje organizacije s projektom MountEE.

Nizkoogljična strategija pilotne regije Posočje/SI

Energijsko učinkovita obnova stavb morebiti predstavlja le majhen kamenček v mozaiku trajnostne gradnje, a obenem tudi izjemno priložnost za lokalne skupnosti, da prevzamejo zgledno vlogo. Pet slovenskih občin – Bovec, Kobarid, Tolmin, Cerklje in Idrija – je v sodelovanju s Posoškim razvojnim centrom oblikovalo t. i. pilotno regijo Posočje in pripravilo svojo nizkoogljično strategijo. V omenjeni strategiji je pomembna vloga pripisana trajnostni gradnji. Miro Kristan z Oddelka za okolje, prostor in podeželje pri Posoški razvojni agenciji in vodja projekta bo predstavil ukrepe, ki bi lahko občinam koristili pri prostorskem in energetskega načrtovanju, na področju trajnostne gradnje in pri izkoriščanju lokalnih virov.

Razvojni model zelene integralne ekonomije občine Šentrupert/SI

Občina Šentrupert je razvila lasten model zelene integralne ekonomije. Takoimenovani »Zeleni razvojni model občine« temelji na trajnostnih javnih stvareh, zmanjšanju porabe energije z uporabo lokalnih obnovljivih virov ter spodbujanju lokalnega gospodarstva. Nizkoogljični in nizkoenergijski vrtec, v celoti zgrajen iz lesa iz domačega okolja, sistem za soproizvodnjo toplotne in električne energije iz lesne biomase, koncept izrabljanja odpadne toplote in Lesno predelovalni center Šentrupert predstavljajo le nekatere od številnih primerov dobre prakse. Rupert Gole, župan občine Šentrupert, bo predstavil primer zelene strategije za občine, temelječe na konceptih trajnostne gradnje in energetske učinkovitosti.

Akcijski načrti za trajnostno energijo, občine in Skupni raziskovalni center Evropske komisije (JRC)

Akcijski načrt za trajnostno energijo (SEAP) predstavlja ključni dokument, ki vsebuje vse ukrepe, ki so jih podpisniki, predstavniki Konvencije županov, sprejeli s ciljem zmanjšanja izpustov CO₂ do leta 2020. Izbrani strokovni sodelavec Skupnega raziskovalnega centra Evropske komisije (JRC) bo predstavil dejavnosti in ukrepe za zmanjševanje porabe energije, ki so občinam na voljo v sklopu Akcijskega načrta za trajnostno energijo (SEAP).

TRŽNICA IDEJ

Obnova kulturnega centra Malraux v Chambéryju/F

Ker si mesto Chambéry prizadeva postati vodilno na področju trajnostne prenove, je leta 2011 sprejelo lokalno Agendo 21. Od leta 2012 je sleherni gradbeni projekt, bodisi novogradnja bodisi prenavljana stavba, podvržen merilom trajnostnosti, opredeljenih v priročniku Construire, aménager et réhabiliter durable [Gradi, načrtuj in prenavljaj trajnostno], ki so ga sestavile mestne oblasti. Séverine Letheule, predstavnik mesta Chambéry, bo predstavila cilje in zasnovo priročnika ter kulturni center Malraux, primer dobre prakse na področju trajnostne gradnje, ki bo s pomočjo strokovnjakov, sodelujočih v projektu MountEE, prenovljen v skladu z ustreznimi okoljskimi merili in merili kakovosti.

Center Rinka – večnamensko središče za trajnostni razvoj Solčavskega, Solčava/SI

2013 je občinski center bil odlikovan izmed več kot 400 projektov v sklopu Constructive Alps, mednarodnega razpisa arhitekturne nagrade za trajnostno prenovo in gradnjo na območju Alp. Kot center za trajnostni razvoj iz domačega les spodbuja trženje domačih izdelkov in obvešča javnost o aktualnih trajnostnih projektih regije ter je turistično-informacijska točka.



EKSKURZIJE »SPOZNAVANJE IDRİJE«

Spoznavanje razvoja Idrije od zakladnice živega srebra do pametnega mesta.

Idrija – »Alpsko mesto leta 2011«, vljudno vabi na ogled imenitnih znamenitosti kraja. Nekdanja zakladnica živega srebra je v preteklih nekaj desetletjih postala sodobno mesto z neoporečno, visokotehnološko industrijo ter razvila in pričela izvajati ukrepe za zagotavljanje trajnostnosti in zaščite podnebja.

št. 1: »Inteligentni objekt« razvojno-tržnega centra podjetja Kolektor

Koncern Kolektor je mednarodno priznana visokotehnološko podjetje s sedežem v Idriji. Podjetje je dejavno na številnih področjih, med drugim tudi na področjih gradbeništva, energetike in industrijske tehnologije. Podjetje Kolektor je največji delodajalec na območju občine Idrija, katerega dodana vrednost sta predvsem skrb za čisto proizvodnjo in ustvarjanje delovnih mest. Podjetje igra pomembno vlogo pri zagotavljanju nizke stopnje brezposelnosti in visoke kakovosti življenja v občini. S kakšnimi ukrepi globalno dejavni koncern uresničuje načela trajnostnosti in energetske učinkovitosti na domačih tleh? Kako zgle-da »inteligentni objekt« razvojno-tržnega centra podjetja Kolektor? Kateri obnovljivi viri energije se koristijo ter s kakšnimi ogrevalnimi in osvetljevalnimi sistemi je opremljen objekt?



EKSKURZIJE »SPOZNAVANJE IDRIJE«

št. 2: Antonijev rov v idrijskem rudniku živega srebra

Nekoč drugi največji rudnik živega srebra na svetu, ki danes sodi med Unescovo svetovno dediščino, še zmeraj plemeniti Idrijo. Rudnik je več stoletij krožil zgodovino kraja in tamkajšnjega prebivalstva. Mnogi so ga v preteklosti istovetili z onesnaževanjem ozračja, boleznijo in garaškim delom. Obisk rudnika, kjer danes ni več moč slišati zvokov 'knapovskega cajga', bo udeleženske in udeležence ekskurzije, ki si bodo lahko na lastne oči in ušesa ustvarili sliko o življenju in delu v rudniku nekoč, popeljal približno 400m pod zemljo. Idrijski rudnik živega srebra predstavlja zgledni primer preobrazbe nekdanjega vira onesnaževanja življenjskega prostora v turistično znamenitost v duhu trajnostnega razvoja. Z zglednimi dejavnostmi na področju družbe in kulture ter z zavezanostjo trajnostni skrbi za okolje, si je Idrija prislužila tudi prestižni naziv Evropske destinacije odličnosti, ki ga podeljuje Evropska komisija.

Idrija – »Alpsko mesto leta 2011«, udeležence in udeleženske delavnice projekta MountEE vljudo vabi na brezplačni ogled stebrov pretekle in sedanje zgodovine mesta. Na izbrano ekskurzijo se je mogoče prijaviti na www.alpenstaedte.org/en/registration

Jezik: angleščina, ob simultanjem tolmačenju v slovenščino



INFORMACIJE

Prijava:

www.alpenstaedte.org/en/registration

Rok prijave: 10. oktober 2014

Število mest za posamezno ekskurzijo je omejeno na največ 50 udeležencev.

Jeziki:

angleščina, ob simultanjem tolmačenju v slovenščino

Kraj prireditve:

Mestni muzej Idrija, Prelovčeva 9, 5280 Idrija, Slovenija

Kotizacija:

Udeležba na delavnici je brezplačna. Udeležence in udeleženske prosimo, da ob začetku delavnice v Idriji plačajo prispevek za prehrano v znesku 20EUR. Znesek je mogoče poravnati izključno z gotovino.

Stroške potovanja, bivanja in prehrane krijejo udeleženci sami.

Kontakt:

Društvo »Alpsko mesto leta«

Antonija Wieser

antonija.wieser@alpenstaedte.org

Tel.: +423 237 53 99

Dodatne informacije:

www.alpskomesto.org/sl

www.mountee.eu

www.cipra.org

CIPRA International, društvo »Alpsko mesto leta« in občina Idrija – »Alpsko mesto leta 2011«, kot soorganizatorji prireditve, vljudo vabijo na delavnico v sklopu projekta MountEE, namenjenega spodbujanju trajnostne in energijsko učinkovite gradnje v gorskih regijah, ki ga financira Evropska unija v okviru programa Inteligentna energija za Evropo (Intelligent Energy Europe – IEE).

Možne so spremembe programa.

IDRIJA

Mesto Idrija se nahaja v zahodnem delu Slovenije, med Alpami in slovenskim Krasom. Idrija je znana predvsem po bogati zgodovini tamkajšnjega rudnika živega srebra. Številni objekti, kot denimo Magacin, rudarske hiše in bloki, Rudarsko gledališče ter monumentalne tehniške naprave in stroji, pričajo o še nedavno živahnem rudarskem življenju. Idrija je eden redkih krajev na svetu, v katerega rudniku se živo srebro pojavlja v samorodni tekoči obliki in v obliki rdečega živosrebrvega sulfida oziroma cinabarita. Rudnik, kjer dandanes ni več moč slišati zvokov 'knapovskega cajga', je bil leta 2012 vpisan na Unescov seznam svetovne dediščine.

Leta 2011 je bila Idrija zaradi vzornega uresničevanja Alpske konvencije, med drugim tudi z ustanovitvijo geoparka (območja z izjemnimi naravnimi danostmi, v katerem se lokalno prebivalstvo povezuje z namenom varovanja narave in spodbujanja razvoja podeželja), širitvijo kolesarske mreže in okoljevarstvenimi projekti s poudarkom na odvajanju in čiščenju odpadnih vod (načrtovana gradnja kanalizacije, manjših čistilnih naprav in centralne čistilne naprave), prejela naziv »Alpsko mesto leta«. Občina Idrija z nalezljivo vnemo in zagnanostjo skoraj 12'000 prebivalcev uspešno spodbuja k zanimanju za alpska vprašanja.

www.idrija.si
www.geopark-idrija.si



ALPSKO MESTO LETA

Društvo »Alpsko mesto leta« predstavlja združenje mest z območja Alp, ki so prejela naziv »Alpsko mesto leta«. Naziv, ki podeljuje mednarodna strokovna žirija, predstavlja priznanje odlikovanim alpskim mestom, ki si prizadevajo za trajnostni razvoj v Alpah in prispevajo k izvajanju Alpske konvencije. Do danes je odlikovanih 14 mest. Eden glavnih ciljev mreže je izmenjava znanja med občinami, tudi na temo gradnje in prenove. Mesta se učijo eno od drugega in prekoračijo geografske in jezikovne meje. Člani v mreži imajo veliko izkušenj in znanja iz trajnostne gradnje. Na primer je mesto Sonthofen, »Alpsko mesto leta 2005«, prenovilo gimnazijo na energetsko učinkoviti način. Danes porabi šola manj kot 90 odstotkov prvotne energije in izpušča za 83 odstotkov manj toplogrednih plinov. Bolzano, »Alpsko mesto leta 2009«, pa si prizadeva da postane podnebno nevtravno mesto, med drugim razširi kolesarske poti in prenavlja obstoječe gradnje na energetsko učinkoviti način.

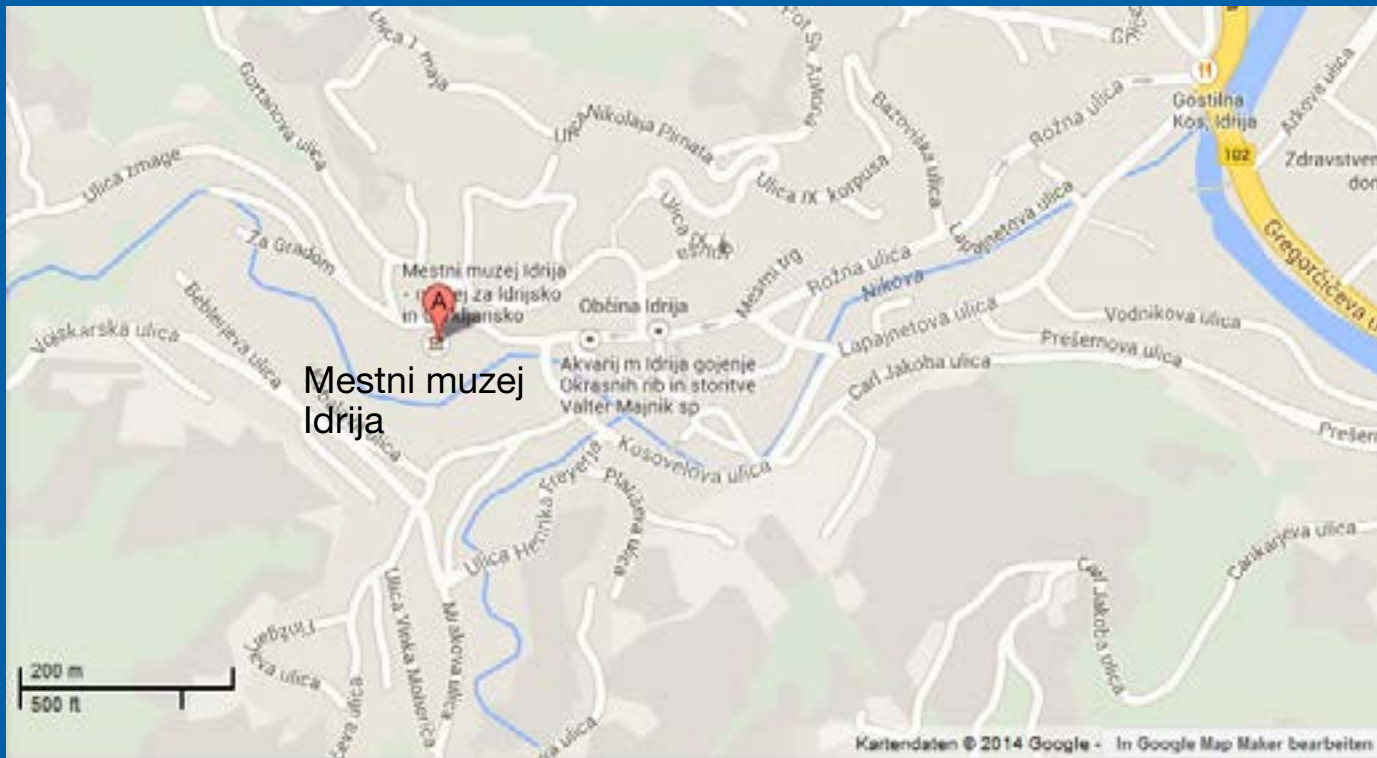
www.alpenstaedte.org/sl

KONCERT ALPSKIH MEST

Prisrčno vabljeni na koncert alpskih mest - Idrijskega Godbenega društva rudarjev in orkestra Tétrás Lyre, ki bo 18. oktobra 2014 ob 19 uri v Modri dvorani v Lapajnetovi ulici 48 v Idriji.



Karta Idrije



POT DO IDRIJE

V Idriji je na voljo tudi storitev izposoje koles.

V Idriji ni železniške postaje. Najbližja železniška postaja se nahaja v približno 39 km oddaljenem Mostu na Soči.

Z avtobusom: Do Idrije je mogoče potovati iz Ljubljane z redno medkrajevno avtobusno povezavo. Avtobusi vozijo iz Ljubljane proti Idriji in v nasprotni smeri približno vsako uro. Avtobusna postaja in prodajno mesto vozovnic se nahajata pred vhodom glavne železniške postaje v Ljubljani.

Z vlakom: Do Ljubljane je mogoče potovati iz Zürich/CH, Salzburga/A, Münchna/D (direktne povezave) ter Benetk/I ali Vidma/I (z vlakom do Beljaka/A, od koder vozi direktni vlak do Ljubljane).

Z avtomobilom: Potujte po avtocesti Ljubljana-Koper, s katere pri ustreznem izvozu zavijte proti Logatcu ter sledite smerokazom za Idrijo. Logatec je od Idrije

oddaljen približno 30 km.

Skupinski prevoz: www.roadsharing.com

Dodatne informacije:

www.vozni-red.si/bus (sl/en)

www.dolina-soce.com (de)

www.oebb.at (de/en)

BIVANJE V IDRIJI

Informacije o možnostih nastanitve so na voljo na spletnih straneh Turistično informacijskega centra Idrija.

TIC Idrija

Vodnikova 3, 5280 Idrija

+386 (0)5 37 43 916

tic@visit-idrija.si

www.visit-idrija.si (sl/en)









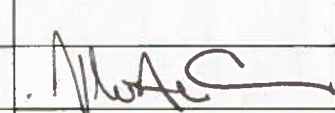


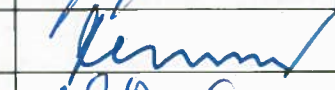

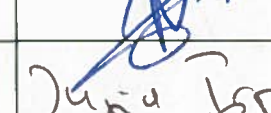



BUILDING AND RENOVATING IN A SUSTAINABLE WAY:

FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

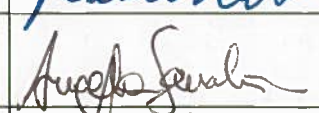
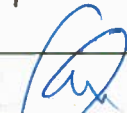

List of participants

Kol. AR
EX1/EX2

	Name	Organisation and Function	Signature		
1	Batheyrone Alexia	City of Chambéry			✓
2	Bavuz Elodie	Town of Chamonix, Councilwoman		✓	
3	Bedene Benčina Tatjana	Municipality of Idrija		✓	✓
4	Billet Thierry	VILLE d'ANNECY, MAIRE ADJOINT			✓
5	Bouteillé Jean-Michel	City of Chamonix Mont-Blanc, Directeur Général Adjoint des Services		✓	
6	Brežan Uroš	Tolmin			
7	Brogli Eduard	City of Brig-Glis City, Chancellor		✓	
8	Campestrini Clara	Comune di Trento, Dirigente		✓	
9	Campione Vittorio	Lecco, Deputy-Mayor			✓
10	Chabre Jean-Luc			✓	
11	Cvar Vlasta	MOP		✓	✓
12	Debevec Maja				✓
13	Del Biaggio Cristina	Université de Genève, jury			✓
14	Dennerl Josef	Bad Reichenhall, Konsulent			
15	Ferjancic Lakota Taja	Permanent Secretariat of the Alpine Convention		✓	✓
16	Ferotin Benedicte	VILLE DE GAP, MAIRE ADJOINT		✓	
17	Fischer Ingrid	Stadt Sonthofen, 3. Bürgermeisterin			✓
18	Gantar Damjana	Urban planning institute of the Republic of Slovenia		✓	
19	Gasperič Matej	Biro Gasperic, architect			
20	Giordano Elena	Comune di Lecco			✓

5 7
+1+1

21	Gole Rupert	Minicipality of Šentrupert, mayor		/	/
22	Guglhör Wolf	Bad Reichenhall		/	/
23	Hadalín Janja	Municipality of Idrija		/	/
24	Hajnrihar Lidija			✓	
25	Hlede Irena	GBC Slovenia, CEO		/	/
26	Hvala Vojko	cra Idrija project, advis r		✓	
27	Imperl Marija	KTRC Radeče, director		/	/
28	Jug Manca	Locus d.o.o., head of department			
29	Karmen Makuc	Idrija, coordinator Alpine town of the Year		/	/
30	Kirar Maja	RTV Slovenija/Radio Koper, journalist		/	/
31	Koder Cveto	STUDIO KODER d.o.o.IDRIJA, architect, procurist		✓	
32	Köberl Johanna	Stadtgemeinde Bad Aussee Vizebürgermeisterin, Bundesrätin		✓	
33	Köberl-Siebenlist Cornelia	Stadtgemeinde Bad Aussee, Gemeindeverwaltung		✓	
34	Kristan Miro	Posoški razvojni center		/	/
35	Kržišnik Valter	GOLCAR d.o.o.		✓	
36	Lazar Jožica	ICRA d.o.o. Idrija, Managing director		/	/
37	Leeb Gerhard	LEEB.ENSZEICHEN, jury		✓	
38	Lesar Slovnik Marjana	Slovenske železnice, d.o.o., architect		✓	
39	Letheule Severine	MAIRIE DE CHAMBERY, IN CHARGE OF SUSTAINABLE DEVT		✓	
40	Massaro Jacopo	Comune di Belluno (IT), Sindaco		/	/
41	Mencin Tanja	MOP - DzP		/	/
42	Moroder Helmuth	Bolzano General, director		/	/
43	Novak Peter	ENERGOTECH, director			
44	Oblak Bojana	Občina Idrija		/	/
45	Pišlar Martina	Municipality of Idrija		✓	
46	Podgornik Jana	Posoški razvojni center		/	/
47	Podobnik Miran	Municipality of Idrija		✓	
48	Pogačnik Anton	LEAG, director		✓	
49	Prah Joze	Zavod za gozdove, Slovenije Revirni gozdar		/	/

50	Rivas Silvia	European Commission. Joint Research Center Scientific, project officer		/	/
51	Rohrer Madeleine	Alpine town of the year, secretariat		✓	✓
52	Sanchini Angela	ARES Agenzia regionale per l'Edilizia Sostenibile Technica, director		/	/
53	Sauter	Stadt Sonthofen			✓
54	Serero Piere Louis				
55	Sever Bojan	Idrija, mayor			
56	Šinigoj Maja	Locus d.o.o., head of department		/	/
57	Starc Jasna	ARHITEKTURA STARC, DIRECTOR		✓	
58	Wieser Antonija	Alpine town of the year, secretariat		/	✓
59	Zambon Antonio	jury			✓
60	SUMMER BRUNO				✓
61	URANKER DAMIJAN	MOP		/	/
62	BRUNO DUJIC				
63	Jemec JANKO	ALPS LAURETE			
64	Stanka Tupnoli	ALPS LAURETE			
65	Lea Burjan	ALPS LAURETE			
66	LOBNIK UROŠ				✓
67	Giorgio Rigo	CONSORZIO PROMETEO TRENTO		✓	✓
68	STEFANEC INES				✓
69	BOLAK DOŠAN				✓

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

This questionnaire aims to help the organization to improve the content of this activity for next events. Thank you in advance for taking the time to answer the questionnaire as honestly and openly as possible. You are not required to provide your name.

Name of your organisation:

Your Email address:

Ville de GAP

Benedicte.ferotin@ville-gap.fr

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying				>		very satisfying	
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4		5	X	
								noisy space
2. Relevance of topics Comments:	1	2	3	4		5	X	
3. Quality of speeches and visits Comments:	1	2	3	4		5	X	
4. Quality of exchanges or debates Comments:	1	2	3	4		5	X	
								short times!
5. Your expectations about this activity have been achieved Comments:	1	2	3	4		5	X	
6. Quality of the handouts (documents) Comments:	1	2	3	4		5	X	
7. Quality of the venue and facilities Comments:	1	2	3	4		5	X	
7. Your global impression Comments:	1	2	3	4		5	X	

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

We'll try

How did you have the information about this activity?

from the mayor

What are the points to improve for a next activity?

e. tourisme

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

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Name of your organisation: ARES

Your Email address: angela.sanchini@aresfg.it

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5		X
2. Relevance of topics Comments:	1	2	3	4	5		X
3. Quality of speeches and visits Comments:	1	2	3	4	5		X
4. Quality of exchanges or debates Comments:	1	2	3	4	5		X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5		X
6. Quality of the handouts (documents) Comments:	1	2	3	4	5		X
7. Quality of the venue and facilities Comments:	1	2	3	4	5		X
7. Your global impression Comments:	1	2	3	4	5		X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

How did you have the information about this activity?

I'M PARTNER OF MOUNTEE PROJECT

What are the points to improve for a next activity?

THE COMMUNICATION - SOME PRINTING OF OUR "WORK"

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation: Municipality of Idrija
Your Email address: tatjana.bencina@idrija.si

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5	X	
2. Relevance of topics Comments:	1	2	3	4	5	X	
3. Quality of speeches and visits Comments:	1	2	3	4	5	X	
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X	
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X	
6. Quality of the handouts (documents) Comments:	1	2	3	4	5	X	
7. Quality of the venue and facilities Comments:	1	2	3	4	5	X	
7. Your global impression Comments:	1	2	3	4	5	X	

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

How did you have the information about this activity?

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation: STADTGEMEINSCHAFT BAD AUSSEE
Your Email address: johanne.koerberl@badaussee.at

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3		4	5	X
2. Relevance of topics Comments:	1	2	3		4	5	X
3. Quality of speeches and visits Comments:	1	2	3		4	5	X
4. Quality of exchanges or debates Comments:	1	2	3		4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3		4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3		4	5	X
7. Quality of the venue and facilities Comments:	1	2	3		4	5	X
7. Your global impression Comments:	1	2	3		4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

Beitritt zum Bürgerhaushalt-Konzept

How did you have the information about this activity?

am Marktplatz

What are the points to improve for a next activity?

Mobilität im ländlichen Raum

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation:

Your Email address:

Gastgemeinde BAD AUSSEE
Cornelia.Kocher@badaussee.at

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying				very satisfying	
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	X	X
2. Relevance of topics Comments:	1	2	3	4	5	X
3. Quality of speeches and visits Comments:	1	2	3	4	5	X
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X
6. Quality of the handouts (documents) Comments: <i>with handout?</i>	1	2	3	4	5	X
7. Quality of the venue and facilities Comments:	1	2	3	4	5	X
7. Your global impression Comments:	1	2	3	4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

Wir wollen eine neue Volksschule bauen u. werden den Fokus auf Nachhaltigkeit legen.

How did you have the information about this activity?

Alpenstadt

What are the points to improve for a next activity?

Verkehr / Mobilität

Others remarks or suggestions:

Wäre - bei den vielen gesprochenen Sprachen -
nicht eine Vortrag, der übersetzt wird, besser als
der Flipchart, um die Beispiele zu präsentieren?
Ein Handout von jedem Projekt wäre schön ge-
wesen! (noch besser, wenn dies vor der Tagung/Work-
shop beschlossen werden wäre zwecks Vorbereitung)
die Exkursion kann ich erst morgen beurteilen.
Das Fazit ist etwas untergegangen, vielleicht sollten
die Fragen schon vorher bekannt sein ... ?

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

~ ~ ~

This questionnaire aims to help the organization to improve the content of this activity for next events. Thank you in advance for taking the time to answer the questionnaire as honestly and openly as possible. You are not required to provide your name.

Name of your organisation:

Your Email address:

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5	X	
2. Relevance of topics Comments:	1	2	3	4	5	X	
3. Quality of speeches and visits Comments:	1	2	3	4	5	X	
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X	
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X	
6. Quality of the handouts (documents) Comments:	1	2	3	4	5		X
7. Quality of the venue and facilities Comments:	1	2	3	4	5	X	
7. Your global impression Comments:	1	2	3	4	5	X	

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

How did you have the information about this activity?

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

This questionnaire aims to help the organization to improve the content of this activity for next events. Thank you in advance for taking the time to answer the questionnaire as honestly and openly as possible. You are not required to provide your name.

Name of your organisation:

Your Email address:

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5	X	
2. Relevance of topics Comments:	1	2	3	4	5	X	
3. Quality of speeches and visits Comments:	1	2	3	4	5	X	
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X	
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X	
6. Quality of the handouts (documents) Comments:	1	2	3	4	5	X	
7. Quality of the venue and facilities Comments:	1	2	3	4	5	X	
7. Your global impression Comments:	1	2	3	4	5	X	

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

Trying to find funds (EU programs, calls...) for supporting renovation and energy more

How did you have the information about this activity?

From our Municipality

sufficient use of energy especially in public buildings.

What are the points to improve for a next activity?

Some material in English.

Others remarks or suggestions:

/

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation: **URBAN PLANNING INSTITUTE RS**
Your Email address: **damjana.gantor@virs.si**

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying				>		very satisfying	
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4		5	X	
2. Relevance of topics Comments: <i>Expected more on the strategic level;</i>	1	2	3	4		5	X	
3. Quality of speeches and visits Comments: <i>Slovene presentations were exceptionally interesting. Great</i>	1	2	3	4		5	X	
4. Quality of exchanges or debates Comments: <i>examples and inspiring people (CBD, Obama, Senhupert)</i>	1	2	3	4		5	X	
5. Your expectations about this activity have been achieved Comments:	1	2	3	4		5	X	
6. Quality of the handouts (documents) Comments:	1	2	3	4		5	X	
7. Quality of the venue and facilities Comments: <i>Toilets</i>	1	2	3	4		5	X	
7. Your global impression Comments:	1	2	3	4		5	X	

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

Better marketing and probably a shift from research to more applicative projects

How did you have the information about this activity?

Via e-mail, CIPRA

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation: *COMUNE DI LECCE*

Your Email address: *u.hers.com@comune.lecco.it*

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3		4	5	X
2. Relevance of topics Comments:	1	2	3		4	5	X
3. Quality of speeches and visits Comments: <i>NOT YET DONE</i>	1	2	3		4	5	X
4. Quality of exchanges or debates Comments:	1	2	3		4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3		4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3		4	5	X
7. Quality of the venue and facilities Comments:	1	2	3		4	5	X
7. Your global impression Comments:	1	2	3		4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

WE'LL TRY TO IMPLEMENT A REGULATION ABOUT
SUSTAINABLE BUILDING

How did you have the information about this activity?

ALPINE TOWN ASSOCIATION

What are the points to improve for a next activity?

✓

Others remarks or suggestions:

✓

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation:

Your Email address:

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3		4	5	X
2. Relevance of topics Comments:	1	2	3		4	5	X
3. Quality of speeches and visits Comments:	1	2	3		4	5	X
4. Quality of exchanges or debates Comments:	1	2	3		4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3		4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3		4	5	X
7. Quality of the venue and facilities Comments:	1	2	3		4	5	X
7. Your global impression Comments:	1	2	3		4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

ON GOING

How did you have the information about this activity?

CIPRA

What are the points to improve for a next activity?

✓

Others remarks or suggestions:

✓

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation:

Your Email address: *lindar1@vol.net*

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying				>	very satisfying	
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4		5	X
2. Relevance of topics Comments:	1	2	3	4		5	X
3. Quality of speeches and visits Comments:	1	2	3	4		5	X
4. Quality of exchanges or debates Comments:	1	2	3	4		5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4		5	X
6. Quality of the handouts (documents) Comments:	1	2	3	4		5	X
7. Quality of the venue and facilities Comments:	1	2	3	4		5	X
7. Your global impression Comments:	1	2	3	4		5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

Giving more accent on sustainable development
Whenever is possible.

How did you have the information about this activity?

Internet

What are the points to improve for a next activity?

—

Others remarks or suggestions:

—

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

This questionnaire aims to help the organization to improve the content of this activity for next events. Thank you in advance for taking the time to answer the questionnaire as honestly and openly as possible. You are not required to provide your name.

Name of your organisation: *Ville de Chamonix*

Your Email address: *elodie.bavuz@chamonix.fr*

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying	
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5	X
2. Relevance of topics Comments:	1	2	3	4	5	X
3. Quality of speeches and visits Comments:	1	2	3	4	5	X
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3	4	5	X
7. Quality of the venue and facilities Comments:	1	2	3	4	5	X
7. Your global impression Comments:	1	2	3	4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

We will continue in the way we take with our mayor and improve things thanks to the return of

How did you have the information about this activity?

experience we have today.

Mairie de Chamonix

What are the points to improve for a next activity?

I have to improve my foreign languages.

Others remarks or suggestions:

Thank you !

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation: *Chambery*

Your Email address: *S. Lethaut@maire-chambery.fr*

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying	
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5	X
2. <u>Relevance</u> of topics Comments:	1	2	3	4	5	X
3. Quality of speeches and visits Comments:	1	2	3	4	5	X
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3	4	5	X
7. Quality of the venue and facilities Comments: <i>the ultimate house of road was Tough!</i>	1	2	3	4	5	X
7. Your global impression Comments:	1	2	3	4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

How did you have the information about this activity? *I was called for presentation*

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation: **AV ARHITEKTI D.O.O.**
Your Email address: **stepmcc.ines@gmail.com**

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying				>	very satisfying	
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4		5	X
2. Relevance of topics Comments:	1	2	3	4		5	X
3. Quality of speeches and visits Comments:	1	2	3	4		5	X
4. Quality of exchanges or debates Comments:	1	2	3	4		5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4		5	X
6. Quality of the handouts (documents) Comments:	1	2	3	4		5	X
7. Quality of the venue and facilities Comments:	1	2	3	4		5	X
7. Your global impression Comments:	1	2	3	4		5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

How did you have the information about this activity?

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation:

Your Email address:

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3		(4)	5	X
2. Relevance of topics Comments:	1	2	3		(4)	5	X
3. Quality of speeches and visits Comments:	1	2	3		4	(5)	X
4. Quality of exchanges or debates Comments:	1	2	3		4	(5)	X
5. Your expectations about this activity have been achieved Comments:	1	2	3		(4)	5	X
6. Quality of the handouts (documents) Comments:	1	2	3		4	(5)	X
7. Quality of the venue and facilities Comments:	1	2	3		(4)	5	X
7. Your global impression Comments:	1	2	3		4	(5)	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

How did you have the information about this activity?

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation:

Your Email address:

ICRA IDRIJA
vojko.hvala@idrija.si

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5	X	
2. Relevance of topics Comments:	1	2	3	4	5	X	
3. Quality of speeches and visits Comments:	1	2	3	4	5	X	
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X	
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X	
6. Quality of the handouts (documents) Comments:	1	2	3	4	5	X	
7. Quality of the venue and facilities Comments:	1	2	3	4	5	X	
7. Your global impression Comments:	1	2	3	4	5	X	

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

- WOOD BUILDINGS

How did you have the information about this activity?

- IN MUNICIPALITY OF IORNA

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

This questionnaire aims to help the organization to improve the content of this activity for next events. Thank you in advance for taking the time to answer the questionnaire as honestly and openly as possible. You are not required to provide your name.

Name of your organisation:

Your Email address: *margana.lesar-slovnik@slo-zeleznice.si*

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying > very satisfying					
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5	X
2. Relevance of topics Comments:	1	2	3	4	5	X
3. Quality of speeches and visits Comments:	1	2	3	4	5	X
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3	4	5	X
7. Quality of the venue and facilities Comments:	1	2	3	4	5	X
7. Your global impression Comments:	1	2	3	4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

some new experiences to discuss and trying to implement

How did you have the information about this activity?

from the ministry webpage

What are the points to improve for a next activity?

to present the realization of projects (like it was today)

Others remarks or suggestions: /

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

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Name of your organisation:

Your Email address:

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying					>	very satisfying				
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5						X
2. Relevance of topics Comments:	1	2	3	4	5						X
3. Quality of speeches and visits Comments:	1	2	3	4	5						X
4. Quality of exchanges or debates Comments:	1	2	3	4	5						X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5						X
6. Quality of the handouts (documents) Comments:	1	2	3	4	5						X
7. Quality of the venue and facilities Comments:	1	2	3	4	5						X
7. Your global impression Comments:	1	2	3	4	5						X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

How did you have the information about this activity?

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation: Chambery
Your Email address: alexia.bath@live.fr

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3		4	5	X
2. Relevance of topics Comments:	1	2	3		4	5	X
3. Quality of speeches and visits Comments:	1	2	3		4	5	X
4. Quality of exchanges or debates Comments:	1	2	3		4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3		4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3		4	5	X
7. Quality of the venue and facilities Comments:	1	2	3		4	5	X
7. Your global impression Comments:	1	2	3		4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

We already try to change, after all it's a common change to adopt.

How did you have the information about this activity?

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation:

Your Email address:

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying		>		very satisfying	
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3	4	5	X
2. Relevance of topics Comments:	1	2	3	4	5	X
3. Quality of speeches and visits Comments:	1	2	3	4	5	X
4. Quality of exchanges or debates Comments:	1	2	3	4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3	4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3	4	5	X
7. Quality of the venue and facilities Comments:	1	2	3	4	5	X
7. Your global impression Comments:	1	2	3	4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

How did you have the information about this activity?

What are the points to improve for a next activity?

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY:

FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

This questionnaire aims to help the organization to improve the content of this activity for next events. Thank you in advance for taking the time to answer the questionnaire as honestly and openly as possible. You are not required to provide your name.

Name of your organisation:

Your Email address:

city of CHAMONIX (FR)
dga@chamonix.fr

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying					>	very satisfying				
1. Quality of the organization (registration, timeline, accommodation services...)	1	2	3	4	5						X
Comments:											
2. Relevance of topics	1	2	3	4	5						X
Comments: good exchange with architecture...											
3. Quality of speeches and visits	1	2	3	4	5						X
Comments:											
4. Quality of exchanges or debates	1	2	3	4	5						X
Comments: Difficulties with languages											
5. Your expectations about this activity have been achieved	1	2	3	4	5						X
Comments: no enough exchange											
6. Quality of the handouts (documents)	1	2	3	4	5						X
Comments: we have it.											
7. Quality of the venue and facilities	1	2	3	4	5						X
Comments: Perfect!											
7. Your global impression	1	2	3	4	5						X
Comments: I appreciate to meet other cities for a first experience.											

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

We hope, we need to ~~also~~ speak with our colleagues

How did you have the information about this activity?

What are the points to improve for a next activity?

Exchange about communication ~~data~~ with population.

Others remarks or suggestions:

BUILDING AND RENOVATING IN A SUSTAINABLE WAY: FROM STRATEGY TO REALIZATION

17TH OCTOBER 2014, IDRIJA, SLOVENIA

Evaluation questionnaire for participants

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Name of your organisation: **AV ARHITEKT**

Your Email address: **av-arhitekt@arhitekt-2.net**

Global evaluation

On a scale of 1 to 5 (the number 1 is "unsatisfying", 5 being "very satisfying" and the letter X means "no opinion"), how do you rate the following points:

	Unsatisfying			>	very satisfying		
1. Quality of the organization (registration, timeline, accommodation services...) Comments:	1	2	3		4	5	X
2. Relevance of topics Comments:	1	2	3		4	5	X
3. Quality of speeches and visits Comments:	1	2	3		4	5	X
4. Quality of exchanges or debates Comments:	1	2	3		4	5	X
5. Your expectations about this activity have been achieved Comments:	1	2	3		4	5	X
6. Quality of the handouts (documents) Comments:	1	2	3		4	5	X
7. Quality of the venue and facilities Comments:	1	2	3		4	5	X
7. Your global impression Comments:	1	2	3		4	5	X

What will you implement in your organisation, region? Are you going to change your habits or make new decisions?

PROBABLY NOT.

How did you have the information about this activity?

THROUGH MY COLLEAGUES.

What are the points to improve for a next activity?

DIVERSITY.

Others remarks or suggestions:

Pilot projects in Italy

I will show you how we are carrying out a consultancy service to municipalities and other public entities in the mountain area to make sure that the buildings that are planning or constructing will achieve peak energy performance.



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA



MountEE Service Package

00	Presentation to municipality
0	Green energy audit
1	Preliminary planning: definition of ecological aims in a program, supervision in competition
2	Optimization of planning, tendering procedure, monitoring of offers
3	Realization: Information for craftsmen, Product declaration, Product control,
4	Control of success: Building site control, Measurements
5A	Service and maintenance: monitoring on energy consumption
5B	Service and maintenance: support for ecological cleaning
5C	Service and maintenance: Support for maintenance plan and user manual of the building
6	Financial instruments: white certificates and EPC/ESCO





*Location of Pilot Projects
In Friuli Venezia Giulia*

Hotel in Piancavallo

renovation – existing ground floor – wooden construction



**MountEE
Service
Package**

**Module 5A
monitoring on energy
consumption**

**Module 5C
Support for maintenance plan and
user manual of the building**

School in Polcenigo

*new – 1 year of use – wooden construction –
warm in winter but too hot in spring and autumn....*



**MountEE
Service
Package**

**Module 5A
monitoring on energy
consumption**

**Module 5C
Support for maintenance plan and
user manual of the building**

School in Sagrado

*new – few years of use – wooden construction –
energy monitoring also in spring and autumn –
decreasing performances because of a crow....*



MountEE
Service
Package

Module 5A
monitoring on energy
consumption

Module 5A
Support for ecological
cleaning

Module 5C
Support for maintenance plan and
user manual of the building

Sporting building in Cividale

renovation – future use: building for associations



**MountEE
Service
Package**

**Module 0
Green energy audit**

**Module 1
Preliminary planning:**

**Module 2
Optimization of planning, tendering
procedure, monitoring of offers:**

Multipurpose building in Comeglians

renovation just finished – use: office, apartment, commercial



MountEE
Service
Package

Module 4
**Control of success: Building site control,
Measurements**



Module 5C
**Support for maintenance plan and
user manual of the building**

Retirement home in Cavasso

new building



MountEE
Service
Package

Module 1
Preliminary planning:

Module 2
**Optimization of planning, tendering
procedure, monitoring of offers:**

Regional offices in Tolmezzo

new building – just finished



**MountEE
Service
Package**

**Module 5A
monitoring on energy
consumption**

**Module 5C
Support for maintenance plan and
user manual of the building**

Forest department in Moggio

renovation



MountEE
Service
Package

Module 1
Preliminary
planning:

Module 2
Optimization of planning, tendering
procedure, monitoring of offers:

Module 3
Realization: Information for
craftsmen, Product declaration...:

Sanitary building in Aviano

new building – just finished



MountEE
Service
Package

Module 5A
monitoring on energy
consumption

Module 5C
Support for maintenance plan and
user manual of the building

Daily center for older people in Forni di sotto

new building – just finished



MountEE
Service
Package

Module 4
**Control of success: Building site control,
Measurements**

Module 5A
**monitoring on energy
consumption**

Module 5C
**Support for maintenance plan and
user manual of the building**



Co-funded by
Programme d

ARES Regional Agency for Sustainable Buildings

www.aresfvg.it



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA





LES – priložnost in izziv za občine
WOOD - opportunity and a challenge for municipalities

dr. Bruno Dujič, CBD d.o.o.
bruno.dujic@cbd.si

CBD Contemporary Building Design

Trajnostna gradnja in prenova – od strategije do izvedbe
 17. oktober 2014, Idrija, Slovenija

CIPRA ŽIVETI V ALPAH

WOOD - opportunity and a challenge for municipalities

Content

- Introduction of CBD company
- General about timber construction systems and timber buildings on earthquake areas
- CLT and seismic
- Realized projects in Slovenia
- Multi-story buildings in Europe
- Innovations in CLT
- Conclusions



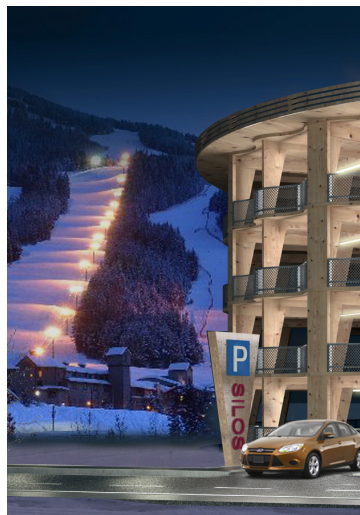
CBD Contemporary Building Design

Trajnostna gradnja in prenova – od strategije do izvedbe
 17. oktober 2014, Idrija, Slovenija

CIPRA ŽIVETI V ALPAH

Company CBD = Contemporary Building Design

- Established in 2006 due to the market's and industry's need of design and construction knowledge of timber structures on seismically active areas.
- The founder of the company dr. Bruno Dujič (2001 PhD in seismic design of timber structures) was employed at the University of Ljubljana, Faculty of Civil and Geodetic engineering, Chair for Materials and Constructions until 2009.
- Led the research projects on the seismic resistance of several types of timber structures / systems.



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CBD Contemporary Building Design d.o.o.

Who we are

- R&D performing SME
- Established in 2006
- 2 PhD
- 2 PhD candidates
- 2 Masters of Engineering
- 1 Bachelor of Engineering
- 1 Architect designer
- 1 Carpenter



Igor
Gavrič



Taia
Huter



Martin
Gradišnik



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CBD Contemporary Building Design d.o.o.

What we do

- Building design (over 500 projects since 2006)
- Building execution of CLT structures (over 50 projects since 2006)
- Research and development (7 R&D projects since 2009)



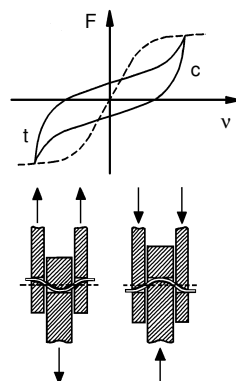
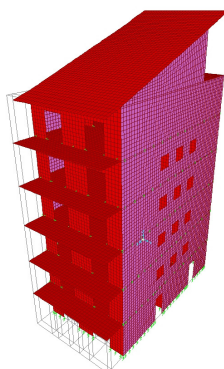
Trajnostna gradnja in prenova – od strategije do izvedbe
17. oktober 2014, Idrija, Slovenija



CBD Contemporary Building Design d.o.o.

We are specialised in

- Seismic design of timber structures
- Specific requirements in timber structures



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Timber construction elements

Basic timber construction elements



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Timber construction elements

Basic timber construction elements



8



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Timber construction systems

Log system



Timber frame system



Timber frame system



Timber masiv system

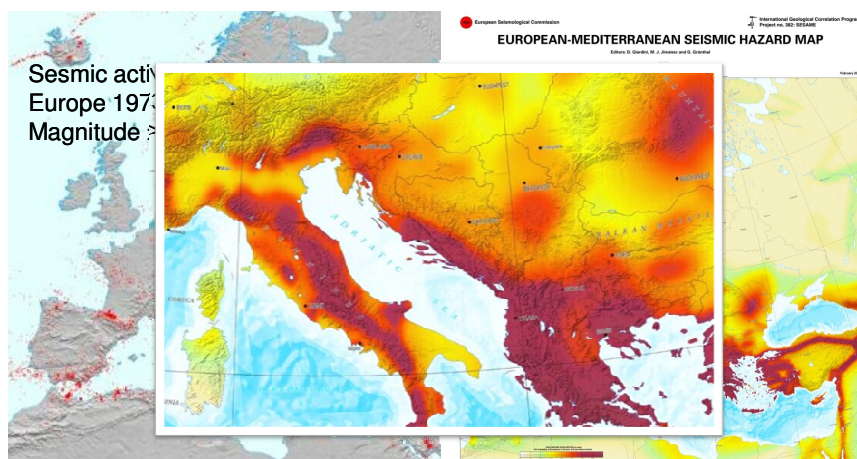


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Earthquakes in Europe



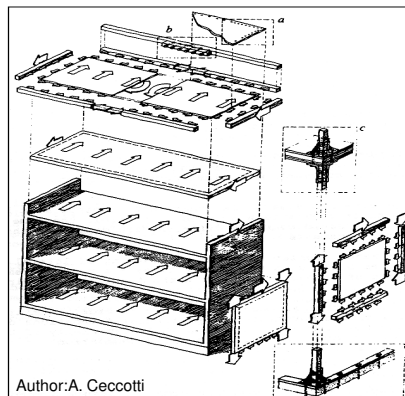
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V ALPAH

Timber structures and earthquakes

- Generally recognized to perform well when subjected to strong earthquakes
- Performance attributed to:
 - Large strength-to-weight ratio of wood
 - Enhanced strength under short term loading
 - High degree of structural redundancy and energy dissipation
- Timber construction itself is not a guarantee for adequate seismic performance



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General seismic behaviour of timber structures



Light timber frame structure – 2005



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CLT and seismic general behaviour



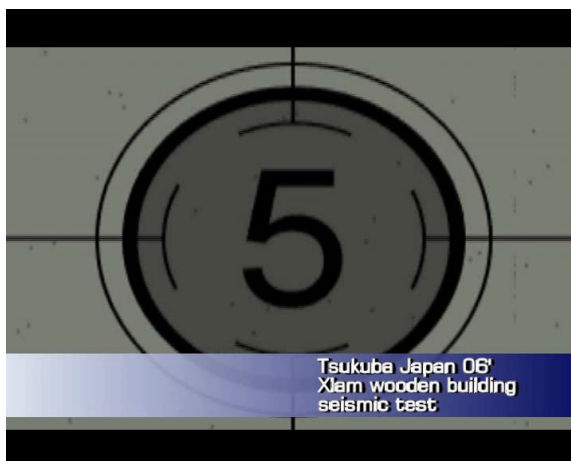
CLT 1 storey – januar 2006



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CLT and seismic general behaviour



Tsukuba Japan 06'
Xlam wooden building
seismic test

CLT 3 stories – july 2006



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Seismic behaviour of higher CLT structures



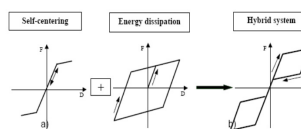
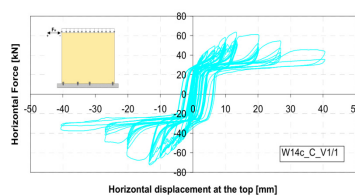
CLT 7 stories – nov. 2007



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CLT and seismic general behaviour

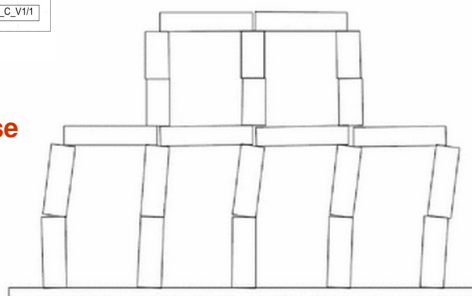


CLT seismic response

- Rocking
- Slip + Friction

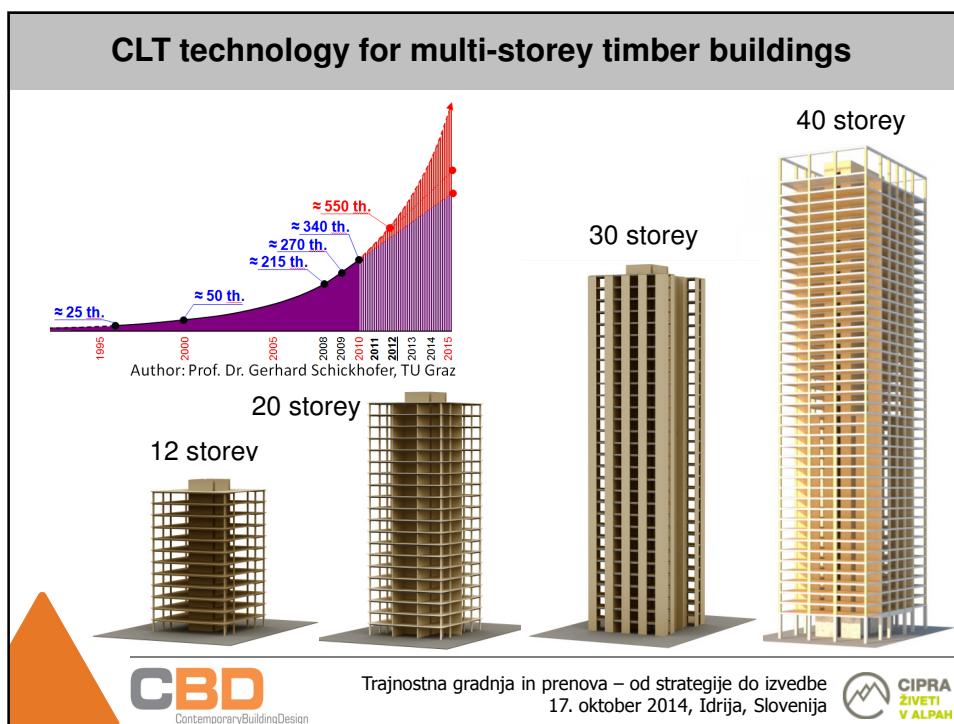
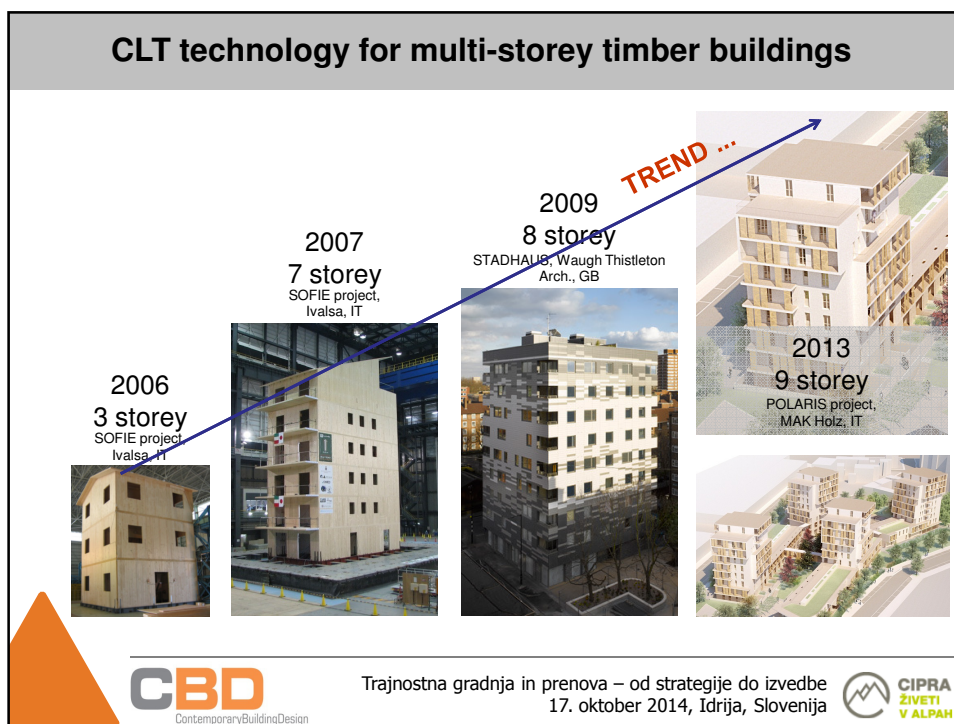
Benefits

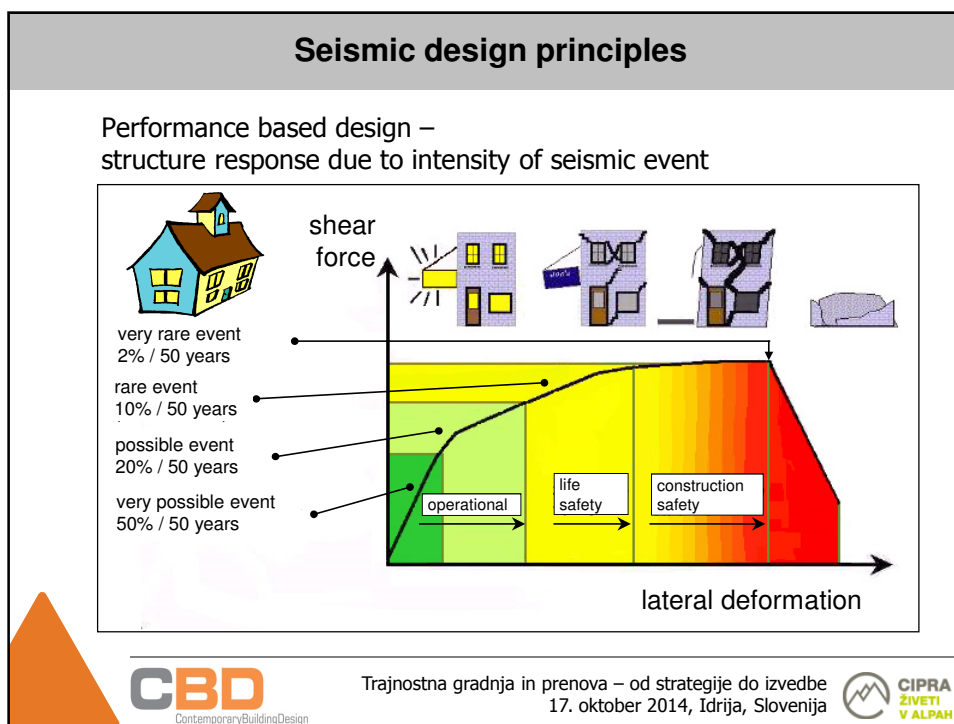
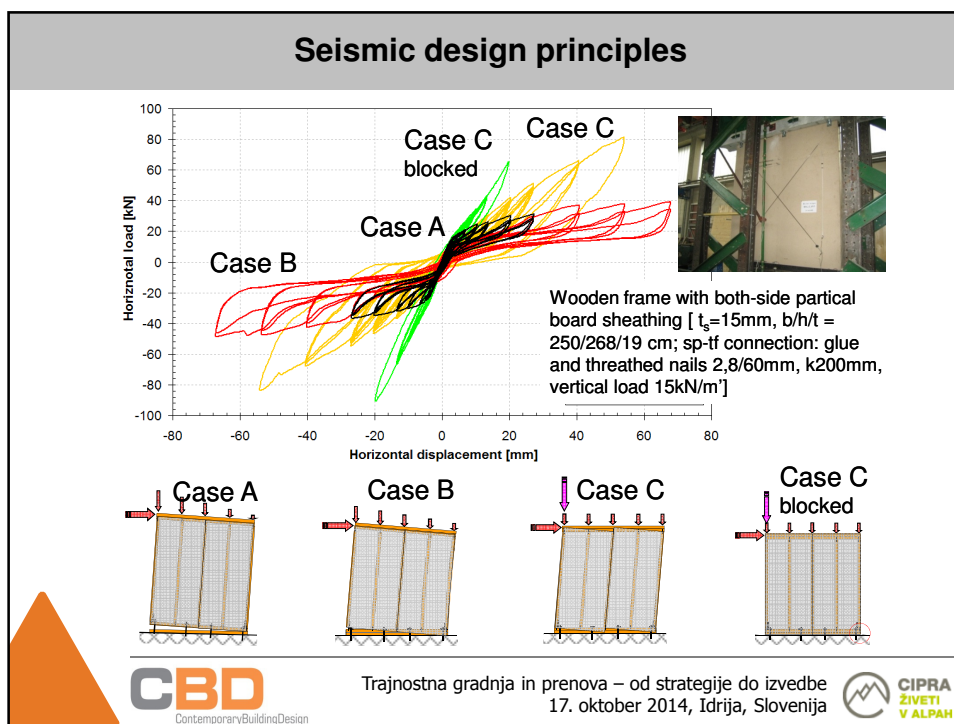
- Self-centering (minimal residual deformations)
- Low-cost no damage design



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Seismic activity in Slovenia



1895 Ljubljana

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Seismic activity in Slovenia



1976 Breginj

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Seismic activity in Slovenia



1998 Posočje



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Realized projects in Slovenia



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CLT Case studies - Family housing 1



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CLT Case studies - Family housing 2



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CLT Case studies - Family housing 3



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CLT Case studies - Family housing 4

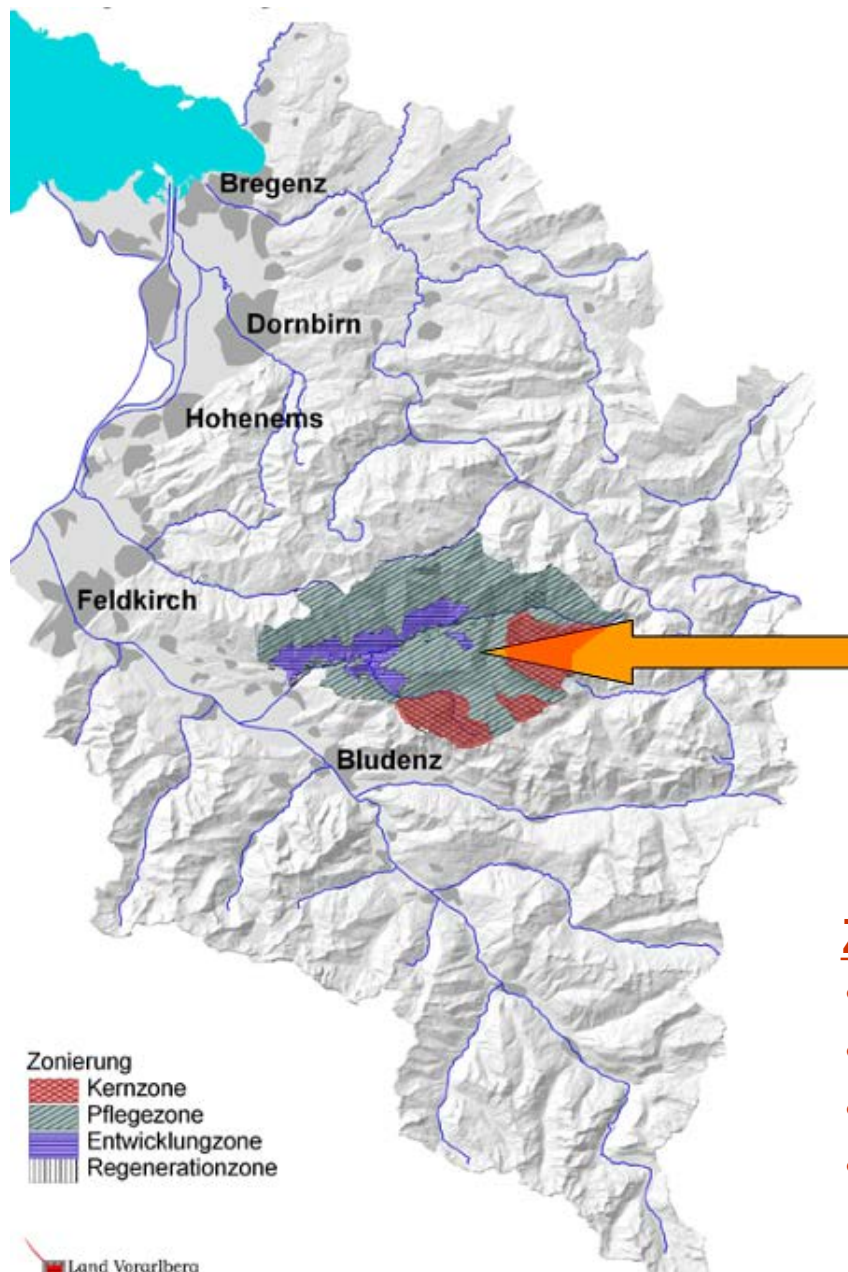


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ERROR: stackunderflow
OFFENDING COMMAND: ~

STACK:



Biosphärenpark
Großes Walsertal

Zonierung

- Kernzonen (17%)
- Pflegezone (69%)
- Entwicklungszone (13%)
- Regenerationszone (1%)

Thüringerberg

St. Gerold

Blons



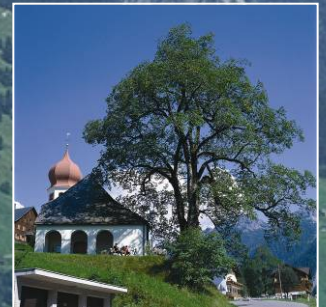


Fontanella-Faschina



Sonntag-Buchboden

Raggal-Marul









11,0





PROPOSTEL
GEMEINDEAMT
GEMEINSCHAFTLICHE
SPIELGRUPPE
KINDERGARTEN
BRUNNEN
VOLKSSCHULE
BIBLIOTHEK
TELEFONZELLE

- 2005 – erste Gespräche in der Gemeindestube
- Exkursionen in andere Gemeinden
- Dorfabende m. Bevölkerung u. Fragebogen
- Erstellung eines Raumnutzungskonzeptes
- Wunsch nach einem Dorfplatz – Dorfbrunnen
- Nachhaltigkeit – Holz aus eigenem Wald
- Wertschöpfung soll im Tal bleiben
- Heimische Betriebe sollen Aufträge erhalten
- Beiziehen von











- Energieinstitut Vorarlberg
 - Umweltverband Vorarlberg
 - Firma Spektrum Dornbirn
-
- Ökologisches Pflichtenheft zur Planungsgrundlage
 - Ökologische Entwurfsoptimierung (Energie, Nutzung usw.)
 - Ökologische Materialoptimierung (Ausschluss v. Material usw.)
 - Ökologische Ausschreibung an Handwerker
 - Überwachung der Ausführung
 - Qualitätskontrollen – Abnahmemessungen



2009
Fertigstellung des neuen Gemeindezentrums
St. Gerold
mit

Kindergarten
Verwaltung
Sitzungszimmer
Archiv
Dorfladen
Mehrzweckraum
Kinderbetreuungseinrichtung

- **Besonderheiten des Gebäudes**

-  Gesamter Bau wurde über den Öko Leitfaden Bau abgewickelt.
-  Konstruktives Holz aus dem gemeindeeigenen Wald.
-  Zum richtigen Zeitpunkt geschlagen.
-  Sichtbaren Holzkonstruktionen wie Außenfassade, Möbel, Wände, Decken und Fußböden sind ausschließlich aus Weißtanne und zum größten Teil aus der unmittelbaren Region.
-  Fußböden aus Weißtanne, sägeroh und unbehandelt.
-  Liftschacht über 4 Stockwerke aus Holz.
-  Erstes zertifiziertes Passivhaus nach den Darmstädter Kriterien im öffentlichen Bereich?
-  Max. Heizwärmebedarf von 10,7 kwh/m²



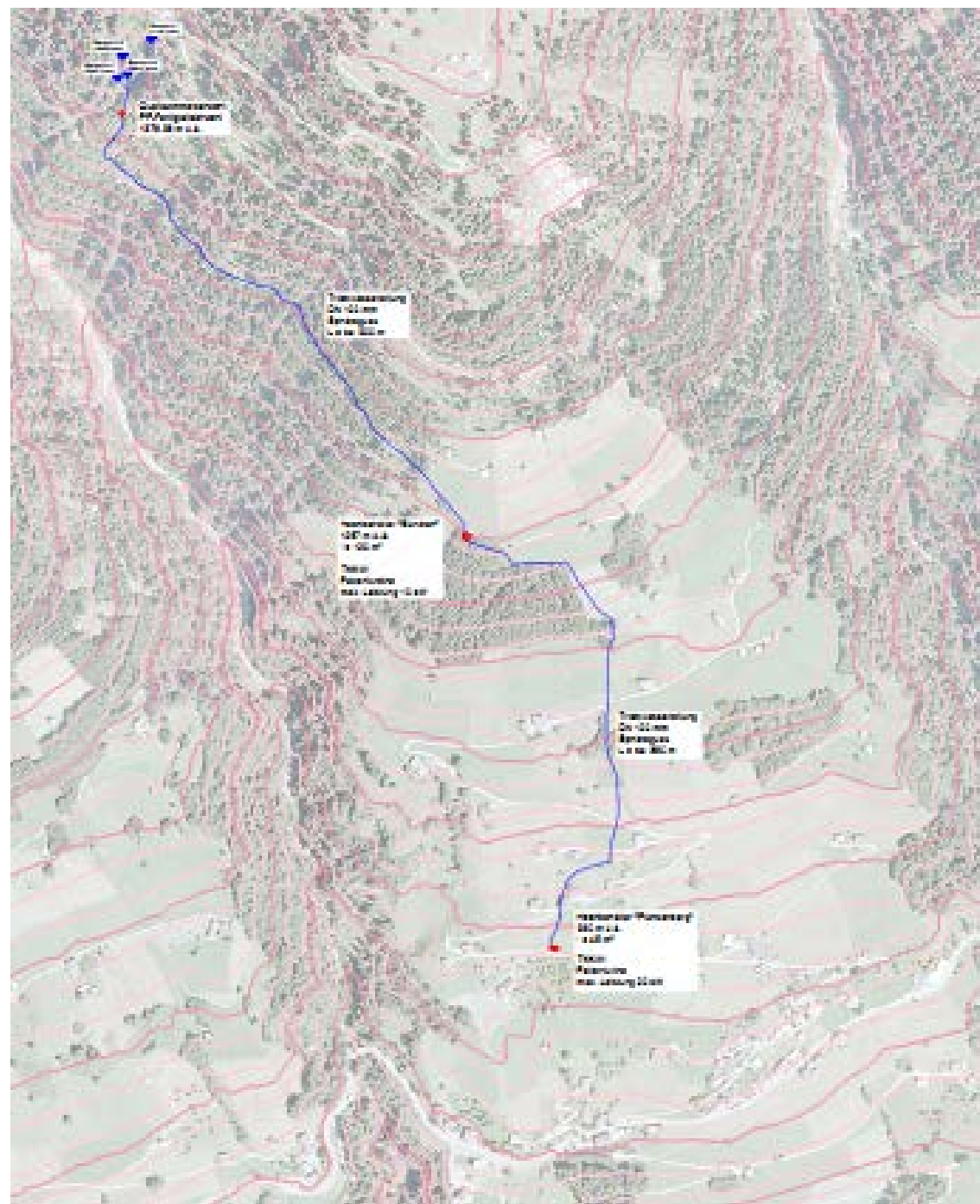




- Details:

- Baukosten ca. 1.87 Mio. Euro
- Bauwerkskosten 1,4 Mio. Euro
- Kosten pro m³ 489 Euro
- 2890 m³ umbauter Raum
- 571 m² Nutzfläche
- 773 m² Bruttogeschossfläche

- Staatspreis f. Architektur und Nachhaltigkeit
- Holzbaupreis
- Passivhauspreis u.v.m.
- Keine Mehrkosten – nur Mehrarbeit





• DANKE

- ⇒ Gemeindevertretung
- ⇒ VlbG. Landesregierung
- ⇒ Gemeindearbeiter
- ⇒ Architekten
- ⇒ Handwerkern
- ⇒ Alle Sonstigen Köpfen und Händen
- ⇒ Meiner Frau und meinen Kindern
- ⇒ Ihnen, dass sie mir zugehört haben.

- » Fotos: Hanspeter Schiess Photographie
- » Architekten: Cukrowicz Nachbaur Architekten
- » Bauherr: Gemeindeimmobilien GmbH St. Gerold

The Covenant of Mayors Initiative: Sustainable Energy Action Plans at a city level. Measures in building sector

Workshop

*"Building an renovating in a sustainable way: from strategy to realization"
Idrija October 2014*

Silvia Rivas

European Commission – Joint Research Centre



www.jrc.ec.europa.eu

*Serving society
Stimulating innovation
Supporting legislation*



Scientific-technical support to the development, implementation and monitoring of the CoM

- Development of the guidebook “How to develop a Sustainable Energy Action Plan (SEAP)”
- Monitoring of the CoM implementation, including the development of a specific template & instructions for signatories
- Evaluation of submitted SEAPs, with feedback to Covenant cities
- Operation of the technical helpdesk service

The team: Paolo Bertoldi (IET), Andreea Iancu (IES), Albana Kona (IET), Giulia Melica (IET), Silvia Rivas (IET), Paolo Zancanella (IET)

NB: In addition, the CoM Office in Brussels is in charge of: general coordination, promotion (website etc), networking, administrative support, technical helpdesk (with JRC), etc.

The Covenant of Mayors Initiative

What is the CoM?



Voluntary initiative launched by DG ENERGY in 2008 to support local authorities in the sustainable energy development and the fight against climate change

Mayors commit to go beyond EU energy and climate objectives

**at least 20% CO₂ reduction
in their respective territories by 2020**

- Define a Baseline Emission Inventory (BEI)
- Prepare a Sustainable Energy Action Plan (SEAP)
- Implement their Action Plan and report periodically on progress
- Involve citizens and other stakeholders
- Adapt city structures and allocate sufficient resources
- Encourage other cities to join



What is the CoM?



Guiding principles of the CoM approach

- **Scientific soundness** → knowledge of starting point (BEI)
- **Territorial approach**
- **Focus on FINAL energy consumption:**
 - In Buildings, equipment/facilities (and industries):
 - Municipal sector (exemplary role of the local authority)
 - Residential sector
 - Tertiary sector
 - Transport



Actions on Energy Efficiency and implementation of Renewable Energies

What we would like to see in signatories' territories in 2020

- Lower CO₂ emissions per capita (tCO₂ per capita/year) – possibly for each key Covenant sector
- Higher energy efficiency in buildings (kWh/m² year)
- Higher efficiency in transport (kWh/p km)
- Increased production of electricity and heat from renewable sources (MWh/year)
- Increased share of energy consumed in the territory coming from Local Energy production (%)
- Economic savings and local reinvestments
- Better opportunities for local jobs



What is a SEAP?



Its nature is threefold

- Political document:** it shows how CoM signatories want to reach their target: detailed measures and medium-long term strategies.
- Technical document:** it starts from the results of the baseline emission inventory to identify the most appropriate actions
- Communication tool:** a clear and structured document addressed to citizens and stakeholders

Example: SEAP of Idrija

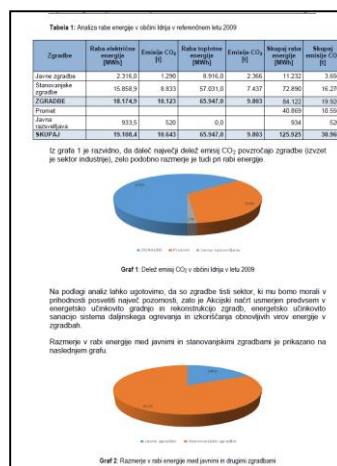


Tabela 3: Investicijske vrednosti ukrepov akcijskega načrta konvencije županov

ST. UKREPA	UKREP	SEKTOR	VREDNOST [€]
1.	Projekt informiranja, ozaveščanja, izobraževanja in spodbujanja javnosti, javnih uslužbencev in gospodarskih oblik, ogled primerov dobre prakse ter iskanje finančnih virov	Javne zgradbe in ostali uporabniki	5.900/leto
2.	Izdelava različnih energetskih pregledov javnih stavb	Javne zgradbe in ostali uporabniki	4.000/stavbo
3.	Določitev energetskega upravljalca in vpeljava energetskega knjigovodstva v javnih stavbah	Javne zgradbe in ostali uporabniki	42.000
4.	Izdelava načrta izvajanja ukrepov URE na posameznih javnih stavbah	Javne zgradbe in ostali uporabniki	5.300/leto
5.	Obnova javnih objektov – URE	Javne zgradbe in ostali uporabniki	500.000 – 2.000.000
6.	Vzpostavitev daljinskega ogrevanja oz. mikrosistema na lesno biomaso	Javne zgradbe in ostali uporabniki	100.000
7.	Projekt izkoriščanja rudniške vode za namen ogrevanja	Javne zgradbe in ostali uporabniki	5.000 – 10.000
8.	Oddaja strehe javne stavbe v najem za proizvodnjo električne energije	Javne zgradbe in ostali uporabniki	
9.	Spodbujanje priklapa odjemalcev na plinovodno omrežje	Javne zgradbe in ostali uporabniki	
10.	Izgradnja plinovodnega omrežja s priključitvijo na Kalcah (ZP)	Javne zgradbe in ostali uporabniki	
11.	Sofinanciranje sanacije stanovanj ter vpeljava OVE	Javne zgradbe in ostali uporabniki	15.000 – 30.000
12.	Obnova kofevnic v javnih objektih	Javne zgradbe in ostali uporabniki	717.837
13.	Optimizacija razsvetljave v javnih zgradbah	Javne zgradbe in ostali uporabniki	45.000
14.	Izdelava študije za postavitev čistilne naprave v kombinaciji z bioplinom v sodelovanju s KP Idrija oz. potencialnim koncesionarjem	Javne zgradbe in ostali uporabniki	
15.	Spodbujanje izrabe sončne energije	Javne zgradbe in ostali uporabniki	
16.	Zamenjava stavnega pohištva, izboljšanje stavnega ovisja, ogrevalne regulacije in kuhinjske naprave v individualnih stanovanjih	Javne zgradbe in ostali uporabniki	
17.	Zamenjava energetske neučinkovitih gospodarskih aparatov	Javne zgradbe in ostali uporabniki	4.000.000
18.	Zamenjava razsvetljave v stanovanjih z varčnejšimi tehnikami	Javne zgradbe in ostali uporabniki	40.000
19.	Namestitev delnikov rabe toplote v stanovanjih	Javne zgradbe in ostali uporabniki	100.000
20.	Izgradnja informacijske točke za energetsko pametno omrežje (URE)	Javne zgradbe in ostali uporabniki	30.000
21.	Sanacija javne razsvetljave	Javna razsvetljava	250.000 – 300.000
22.	7,5 % delež biogoriv v skupni porabi goriva v prometu	Promet	
23.	Izobraževalni, ozaveščevalni in promocijski ukrepi	Promet	

What is a SEAP?



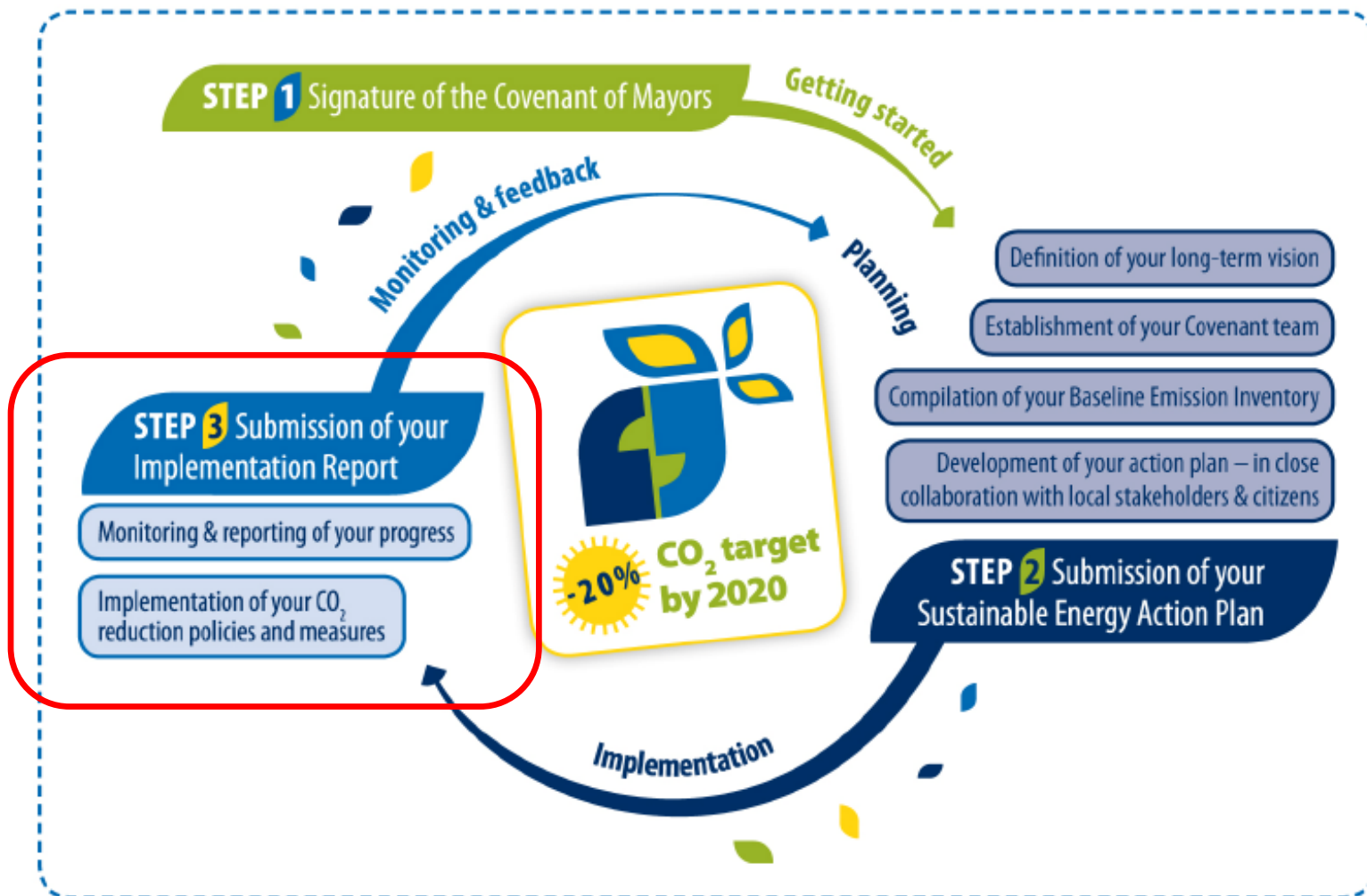
SEAPS in Slovenia

TRŽIČ	Občina Nazarje
Pivka	Miren - Kostanjevica
Å empeter-Vrtojba	Divača
Ptuj	Brda
Municipality of Kočevje	Cankova
Rogašovci	Idria
Razkrižje	Vrhnika
Moravske Toplice	Krško
Turnišče	Kočevje
Odranci	Piran
Kuzma	Kamnik
Puconci	Zagorje ob Savi
Mestna občina Celje	Lendava
Tolmin	Vransko
Slovenj Gradec	Beltinci
Občina Ljubno	Ljutomer
Kranj	Maribor
Žalec	Ljubljana
Velenje	

The Covenant step-by-step



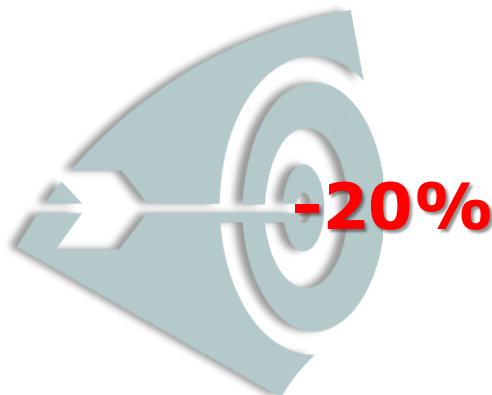
The adhesion to the CoM initiates a process within the local authority



Why is monitoring important?

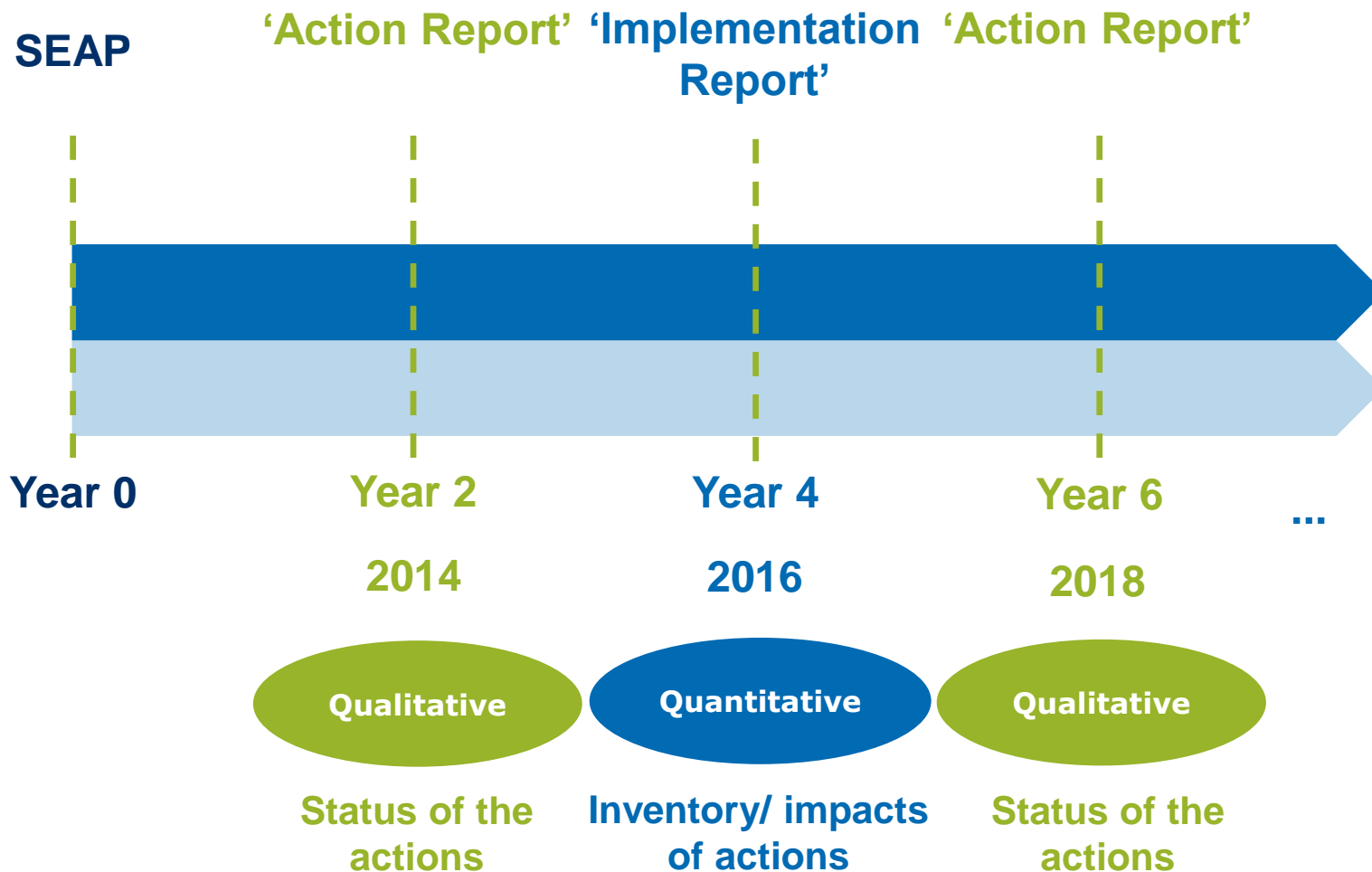


- To monitor how actions defined in SEAPs are progressing and evaluate their effects towards the targets
- To identify the need of adjustments to the plan, e.g. corrective measures
- To take new opportunities not initially foreseen, e.g. changes to the national/international context



***Is the
signatory on
track to
reach the
target?***

The CoM minimum requirements

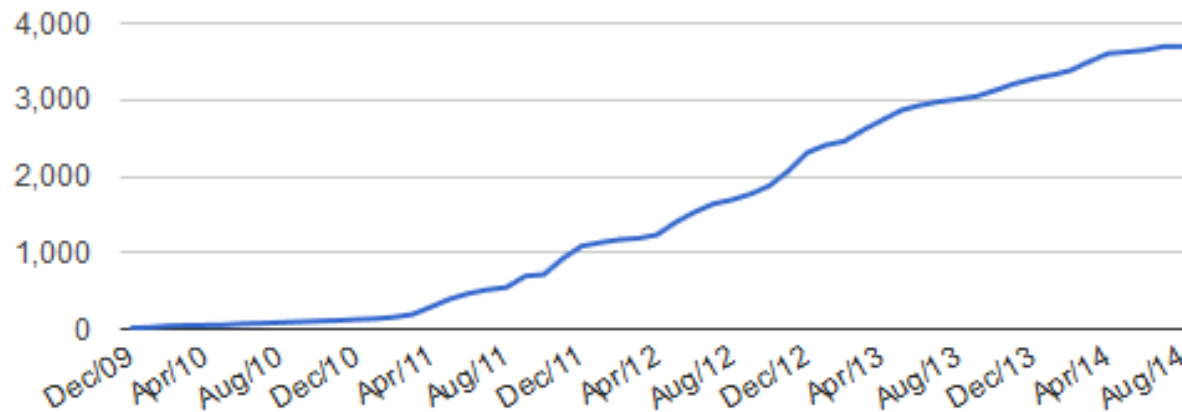


SEAP measures on the building sector

Some figures on SEAPs submitted



3815 Sustainable Energy Action Plans submitted so far



Data presented in the next slides are extracted
from SEAPs submitted as of mid-May 2014

Most common measures



Submitted SEAPs contain a total no. of 95 425 measures

- 40 003 measures are addressing the "**Buildings, equipment /facilities and industry**" sector.
- 17 123 measures tackle the "**Transport**" sector.
- 10 823 measures address "**Local energy production**" (electricity, heat/cold).



Some common measures on Buildings

- 1767 measures on energy **audit** and/or energy **management**
- 1368 measures on retrofit of **schools**
- 89 measures on **metering** / smart meters
- 54 projects on **social housing**



COMMON MEASURES ON BUILDINGS IN SLOVENIA

1. Energy reconstruction of public buildings (schools)
2. Installation of CHP
3. Use of biomass: installation of biomass boilers in the public buildings
4. Installation of solar systems for hot water
5. Replacement of electrical appliances with energy-efficient
6. Replacement of doors and windows with energy efficient, improving building envelopes, heating controls and heating system (installation of new boilers)
7. Installation of energy efficient lighting
8. Education events, raising the awareness and information in the field of RES and RUE in public buildings,
9. Energy audits of public buildings (detailed energy audit)
10. Implementation of energy bookkeeping and energy manager for public buildings
11. Creation of RUE action plan for public buildings,,
12. Submitting public buildings roofs for electricity production,
13. Modernization of hardware and regulation techniques in the boiler rooms of public buildings,
14. Optimization of lighting in public buildings
15. Encouraging citizens to connect to the gas network
16. Co-financing a renovation of residential buildings, and implementation of RES
17. Installing of separate heat meters in multy residential buildings

KEY WORDS

Energy Efficiency- Swap to RES- Awareness of the citizens –Financing instruments

Thank you for your attention

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Welcome address by Taja Ferjancic Lakota, Permanent Secretariat of the Alpine Convention, at the Workshop "Building and renovating in a sustainable way: from strategy to realization" in Idrija (SL), 17th October 2014

Ladies and Gentlemen, distinguished guests, mayors,

Thank you for the opportunity to be here with you today and to present the view of the Alpine Convention on the issues of sustainable building. Thought I am actually coming back to my home town today, I was asked to give this speech in English, so please excuse me for not speaking my mother thong. Allow me to first give you the greetings of the Secretary General, Mr Markus Reiterer who unfortunately was not able to be here today, but he sends his best.

The Alpine Convention is both, an instrument of protection and an instrument of sustainable development of the Alpine Arch. Although protection of the Alpine environment is easier to interpret; sustainability is a very wide topic that includes everything from sustainable tourism, development, green economy and of course sustainable building. In the last years several initiatives were developed to promote the concept of sustainable building and renovations in the Alps, amongst which the Constructive Alps award supported by Switzerland and Liechtenstein.

We can find legal background for sustainable building in the framework convention as well as in many of the protocols, but furthermore we are preparing practical information and guidelines for local and regional stakeholders in order to bring this topic closer to the people and trying to make it a reality.

In the scope of the Alpine Convention there is a special Working Group in place that deal with energy and energy efficiency and they focused on the good practices in building and renovations highlighting good practice examples from around the Alps. Projects like the energy autonomous region of Vorarlberg and the white certificates in South Tyrol translate the spirit of the Energy Platform to concrete actions. The main priority topic of the Working Group is on energy

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saving especially in heating and better isolation options. According to the latest studies by this group of experts buildings and housing sector in general are the biggest consumers of energy by the community and at the same time they present the biggest potential for improvement. In this respect the Working group analysed three basic strategies to improve the sustainability of the alpine building stock:

1. reducing energy consumption,
2. improving energy efficiency and
3. substituting fossils by renewable energy sources

I am sorry that the publication is not available yet, since today's workshop would be a good opportunity to discuss some of its findings, but I will gladly inform the working group about the conclusions of today's meeting.

Last, but not least, I would like to point out that I am not here today just for the topic itself, though it is a very important subject, I am also here to show our support for the activities carried out by our partners, the Alpine Towns of the Year and to foster ideas for our future cooperation. I am very much looking forward to today's and tomorrow's meeting and I wish everyone good and successful conference.