



BUILD2LC - aktivnosti projekta

BOOSTING LOW CARBON INNOVATIVE BUILDING REHABILITATION IN EUROPEAN REGIONS

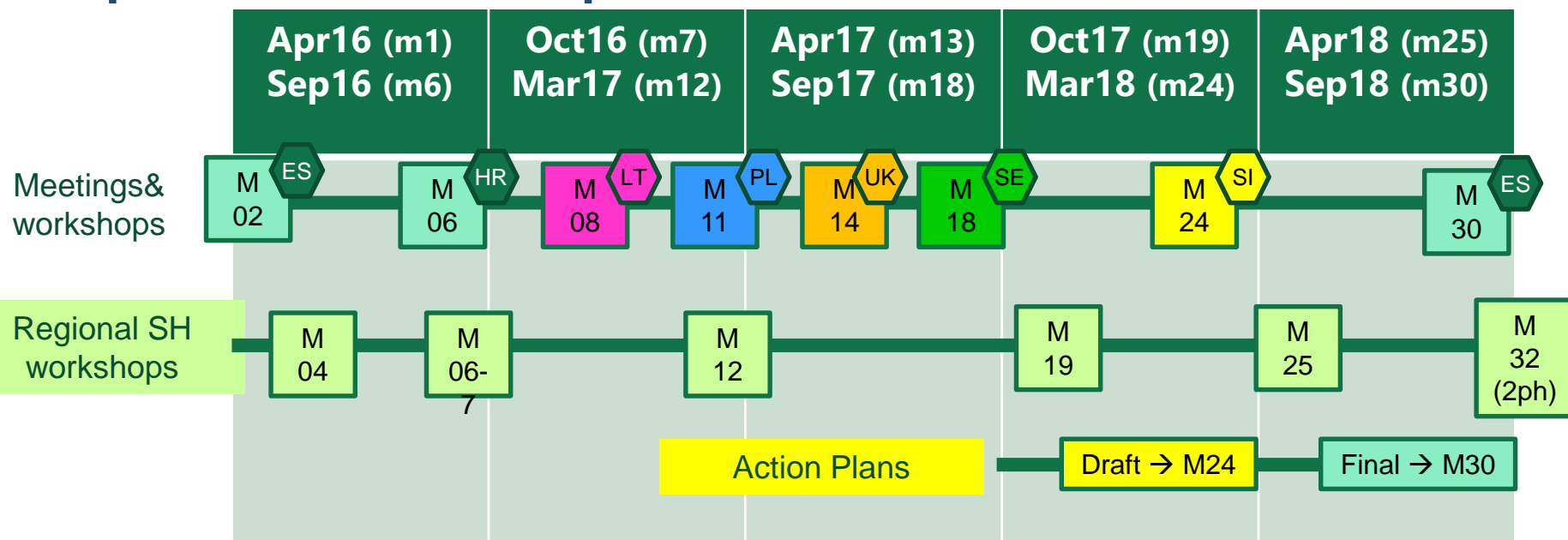
Črtomir Kurnik

Lokalna energetska agencija Gorenjske

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Slovenija

Prva faza projekta april 2016 - september 2018



**“Novi finančni instrumenti”
Litva**

**“Energetska revščina”
Velika Britanija**

**“Profesionalizacija zaposlenih v
gradbenem sektorju”
Poljska**

**“Inovacije v gradbeništvu”
Švedska**

1. DEL – pet semestrov

2. DEL – štirje semestri

Predstavitev akcijskih programov

Akcijski program je bil izdelan in predstavljen v Malagi, Španija (12. in 13. september 2018).



European Union
European Regional
Development Fund

BUILD2LC - Akcijski program Slovenije

Franko Nemac
ApE Agencija za prestrukturiranje energetike d.o.o.
franko.nemac@ape.si

Ljubljana, 27. september, 2018

Akcijski program Slovenije

Predstavitev akcijskih programov

12. - 13. september 2018

12. september - Partners meetings on Final Action Plans

13. september - Open Conference with capitalization results

I – Registration and Welcome

II – Innovative Financial Instruments for the energy rehabilitation of buildings in the EU

9:30 – 9:50 Outcomes from the Financial Instruments for Energy Renovation Policies (FINERPOL), by Guest Speaker – Javier Ordóñez

09:50 – 10:15 Lithuanian experience on financial instruments / plans for the future, by VIPA/Stakeholders

10:15 – 10:40 Croatian experience on financing energy renovation projects, by REGEA/Stakeholders

10:45 – 11:00 Andalusian Action Plan on Financial Instruments, by AEA

III – Professionalization of the construction sector

11:30 – 11:50 Podkarpackie experience based on Podkarpackie Academy Certification of +45 years-old workers GP, by RDA/Stakeholders.

11:50 – 12:10 Gloucester experience on young students education in energy management , by SWEA/Stakeholders.

12:10 – 12:30 Crossskills, Lifelong training plan for building workers (Croatia), by REGEA/Stakeholders

12:30 – 12:50 Andalusian Action Plan on Professionalization, by AEA

IV - Activation of demand and combating energy poverty

14:15 – 14:35 Warm and Well & other UK good practices to combat energy poverty with knowledge, by SWEA/Stakeholders.

14:35 – 14:55 The Slovenian Experience Energy on programs for energy poverty and citizens (Combating energy poverty and ENSVET - Energy Advices for Citizens) by Franko Nemač.

14:55 – 15:15 Andalusian Action Plan on Activation of demand, by AEA

V - Innovation

15:30 – 15:50 Think out of the box: The System Dominum proposal to get more earthquake-resilient and energy-efficient buildings (Slovenia), by Tomaž Kristof.

15:50 – 16:10 A look to the future in these present times: NZEB approach in existing buildings, by Juan Manuel Castaño. Spanish Passivhaus Platform.

16:10 – 16:30 Social Innovation for energy renovation in Buildings, by Jämtland /Stakeholders

16:30 – 16:50 Andalusian Action Plan on Innovation, by AEA



Bilateralni sestanek v Sloveniji

19. in 20. septembra

Enrique Otero. MEng Civil Engineer

- ❖ President of Sustainable Construction Cluster of Andalusia. “Otero Construcciones” CEO.
- ❖ <http://clustercsa.com/>

Rafael Sánchez. BSc Architect.

- ❖ President of FADECO Contractors. “Estudios y Ejecuciones S.A.” CEO.
- ❖ <http://fadecocontratistas.es/>

Juan de Dios Molinero. MEng Agronomist and Builder

- ❖ Promoter. President of Association of Contractors and Promoters of Granada. “Moda Urbana” CEO.
- ❖ <https://acpgranada.es/>

Francisco Martínez-Cañavate. MSc in Economics and Business Administration.

- ❖ President of FADECO Promoters. Association of Contractors and Promoters of Granada CEO.
- ❖ <http://www.fadecopromotores.es/> <https://acpgranada.es/>

Joaquín Villar. MEng Industrial Engineer and MBA.

- ❖ Head of Internationalization and Prospective Dept, Andalusian Energy Agency.
- ❖ <https://www.agenciaandaluzadelaenergia.es/en/know-agency>

Carlos Serra. MEng Industrial Engineer and MEng Thermal Systems Engineer.

- ❖ BUILD2LC Project Manager.

Prvi dan - 19. september

- 9:15 - 9:30** **Tomaž Krištof, uvod**
- 9:30 - 10:00** **Črtomir Remec, Stanovanjski sklad Republike Slovenije, javni sklad
Projekti Stanovanjskega sklada RS**
- 10:00 - 10:30** **Tomaž Krištof, Dominum / Studio Krištof arhitekti d.o.o.
Projekti celovitih prenov Dominum**
- 10:30 - 11:00** **Marjana Lutman, Zavod za gradbeništvo Slovenije,
Potrog - ocene potresnih odpornosti obstoječih stavb**
- 11:00 - 11:30** **Anja Planišček, Fakulteta za arhitekturo / Zadrugator
Stanovanjske zadruge, Zadrugator**
- 13:00 – 14:30** **Robert Kus, Oddelek za zaščito, reševanje in civilno obrambo
Irena Ostojić, Oddelek za urejanje prostora
Mestna občina Ljubljana – Oddelek za urejanje prostora**
- Podpora MOL projektom Dominum
Študija možnosti celovitih prenov (15) stolpnic v MOL
Možnost vzpostavitve občinskega sklada za protipotresne sanacije
Pobuda za skupno pismo županov EU prestolnic Evropski komisiji glede potrebe po
vzpostavitvi EU skladov za protipotresne prenovne stavb.**
- 15:40 – 17:20** **Sestanek s predstavniki Tehnološki center TECES (grozd)
Energetsko učinkovita pretvorba in raba energije ter energetsko učinkoviti sistemi**



Drugi dan - 20. september

**8:00 – 9:00 Alenka Loose, energetska upravljavka
Mestna občina Ljubljana – sestanek z
ELENA – EIB**

**10:00 – 11:00 Anton Pogačnik, direktor
Lokalna energetska agencija Gorenjske
Aktivnosti LEAG**

**12:00 – 13:30 Robert Ostrelič, Petrol d.d., Vodja trženja
in razvoj storitev energetskega managementa
Energetski management stavb in ogled
nadzornega centra**



Energy Transition event, Florence



27. junij 2018

Cooperation, collaboration and making an impact with public resources. This was the order of the day last week for 14 Interreg Europe projects working on the Low Carbon economy.

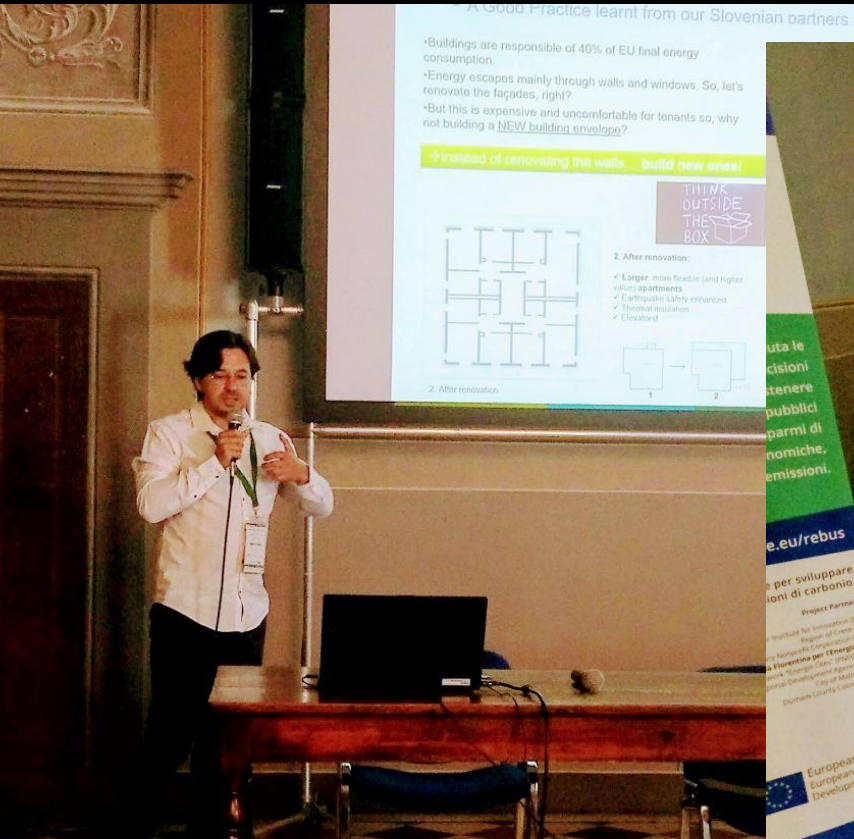
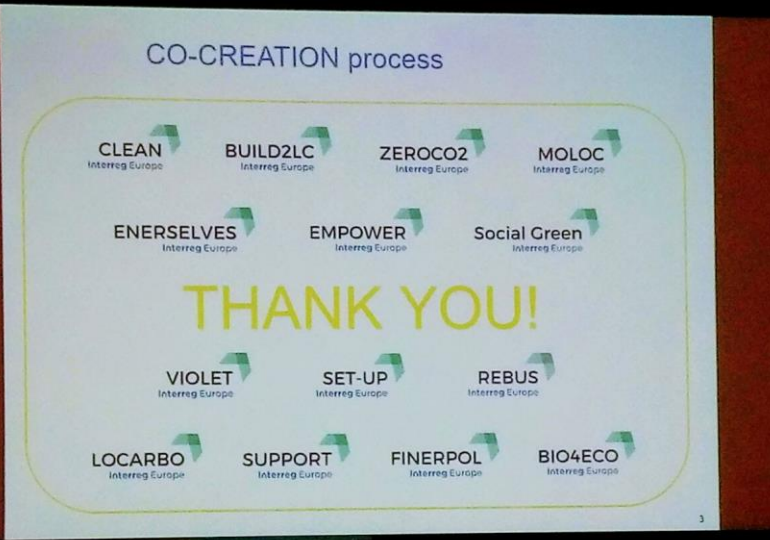
They met up in the magnificent city of Florence for the “Interregional Cooperation for Energy Transition” event, on 27th June 2018.

The 80 attendees took part in a series of workshops, looking at energy transition from the point of view of users, resources and external factors. At the heart of the event, was a Business Case pitch from each of the 14 projects, presenting their approaches towards Energy Transition. Participants competed, listened, learned and voted for a winner.

MOLOC – Low carbon urban morphologies, presented by Aurélien Parsy (City of Lille), was awarded the first prize, with its 3-step solution to finance energetic renovation of public buildings. Their methodology includes better energy management systems, training of energy janitors and an innovative funding methodology.

REBUS – Renovation for Energy efficient BUILDingS came in at second place, while BUILD2LC – Boosting Low Carbon Innovative Building Rehabilitation in European Regions ranked third.

This competition showcased work carried out by 98 European regions, thanks to the Interreg Europe programme. The total budget represented by the invited projects amounted to more than 22 million euro.



7. junij 2018

Predstavitev primerov dobrih praks iz Dominum

**EFICIENCIA
ENERGETICA EN
CONSTRUCCIÓN**

Jueves
07 / JUNIO / 2018

SALÓN DE ACTOS
Instituto Estudios
Portuarios. MALAGA.

organiza:

Asociación Provincial de Constructores y Promotores de Málaga

FADECO PROMOTORES

con el apoyo de:

GOBIERNO DE ESPAÑA
MINISTERIO DE AGRICULTURA Y PESCA, ALIMENTACIÓN Y MEDIO AMBIENTE

Fundación Biodiversidad

20 AÑOS

PINA Málaga

BUILD2LC Interreg Europe

European Union European Regional Development Fund

UNIVERSIDAD DE GRANADA

CLUSTER CSA

CONSTRUCCION SOSTENIBLE DE ANDALUCIA

patrocina:

GRUPO DANOSA

programa

10.00 h. Inauguración de la Jornada.

D. Francisco Mtnez-Cañavate Fdez- Crehuet.- Presidente Fadeco Promotores.
Dña. María García Díaz .- Presidenta de Contratistas de la Asociación Provincial de Constructores y Promotores de Málaga.

10.15 h. Ayudas Públicas para Mejora de Eficiencia en Viviendas

D. José María López Cerezo.- Gerente del Instituto Municipal de la Vivienda de Málaga.

D. José María García Fernández - Director Provincial de AVRA

D. Carlos Serrá Giráldez.- Project Manager del Proyecto BUILD2LC. Agencia Andaluza de la Energía

11.00 h. Pausa Café.

11.30 h. Mesa Debate.- Nuevos Materiales para Edificios Consumo Cero

D. Nicolás Ruiz-Larrea.- Responsable de fachadas de Consentino.

D. Fernando Ríos.- Director de Operaciones de Sumum,

D. José Luis Zurita.- Responsable de Negocio de Danosa.

Modera: D. Andrés Ferrer.- Gerente Cluster Construcción Sostenible de Andalucía.

12.15 h. Selección y Rentabilidad de Soluciones Constructivas ante el Cambio Climático

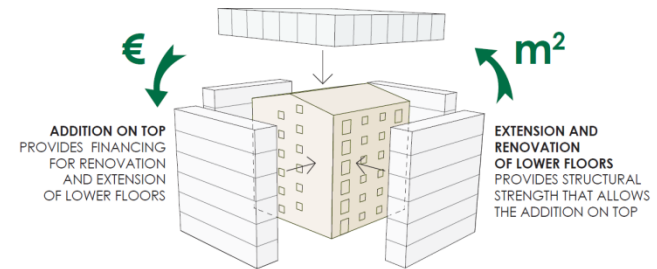
D. J. Alberto Aragón Correa.- Catedrático y Director de Investigación del Centre for Sustainable Enterprise Management Univ. de Surrey (Reino Unido).
Dña. Nuria E. Hurtado Torres.- Catedrática de Organización de Empresas de la Universidad de Granada.

D. Efrén Gómez Bolaños.- Coordinador Técnico del Proyecto "Cambio Climático y Construcción".

D. Eulogio Cordon Pozo.- Director del Grupo de Investigación en Innovación, Sostenibilidad y Desarrollo Empresarial.

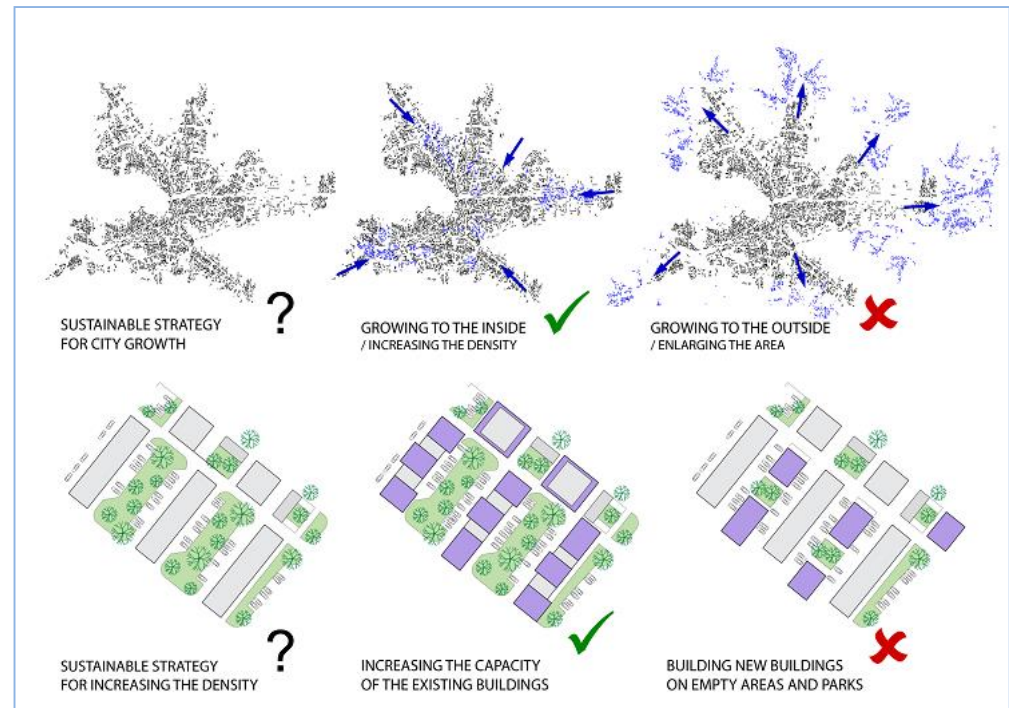
WHAT MAKES YOU DIFFERENT?

- When performing energy rehabilitation of dwellings, we usually think in renovating the envelope (façades and windows). This is expensive, so hard to finance, and very uncomfortable.
- Instead, *System Dominum* proposes to build a **NEW** totally modern envelope plus, when possible, addition on top.
- This concept is not only about energy rehabilitation in buildings, but a economically sustainable approach that might change to greener the look of the most humble neighbourhoods all over Europe!



From the point of view of **municipalities**:

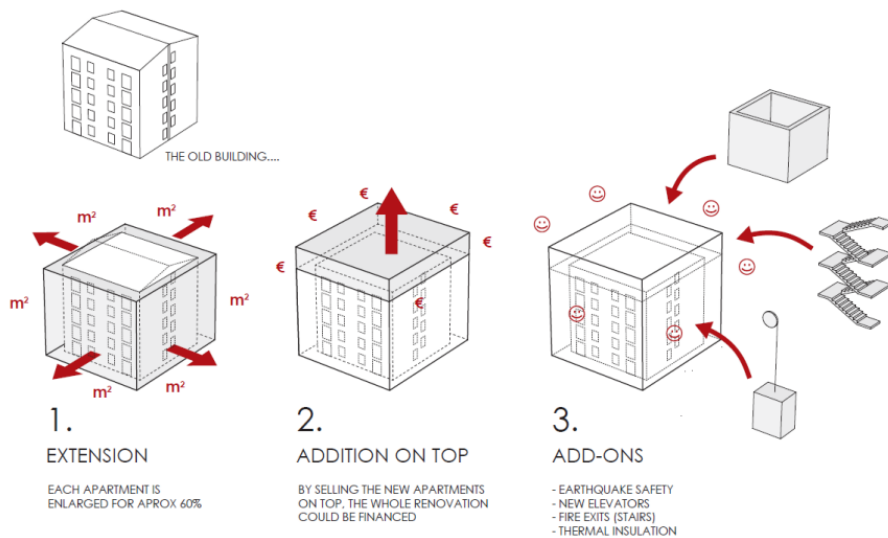
- Applying *System Dominum* concept is also better than increasing city surface.
- Available area is scarce, **and green areas should be kept** as green as they already are.
- Also, it is specially addressed for **cheap dwellings and social housings**, precisely the buildings that are harder to renovate!



SYSTEM DOMINUM

- A Good Practice learnt from our Slovenian partners -

- Furthermore, the reinforcement of the structure could let us add top additional floors.
- Incomes from selling new apartments might finance entirely the renovation works!



Challenges addressed (i):

1. Developing cross sector cooperation between relevant sectors: renewables, energy efficiency, engineering, architecture
2. Identifying and accessing innovative funding methodologies, including both public and private investment
3. Improving SME competitiveness in the energy efficiency field

From a "Yugoslavian barracks" to a fancy condominium

Predstavitev projekta na Ptuj

21. marec 2018

21. - 22. 3. 2018 - ZERO CO₂ - International conference



AGENDA

Dominican Monastery, Muzejski trg 1, Ptuj, Slovenia



Wednesday, 21. 3. 2018

- 13.00 – 13.30 Registration
- 13.30 – 13.40 Welcome by the Mayor of the Municipality of Ptuj
- 13.40 – 13.50 Welcome by director of Local Energy Agency Spodnje Podravje
- 13.50 – 14.10 ZERO CO₂ project, what is all about? (Tea O. Potocnik -LEA Spodnje Podravje, Slovenia)
- 14.10 – 14.25 What are ZERO CO₂ buildings and benefits of creating one (Ioannis Vourdoubas - Mediterranean Agronomic Institute of Chania, Greece)
- 14.25 – 15.00 Case study – transition of one building into a zero CO₂ emission building due to energy use (Charles Yousif – University of Malta)

15.00 – 15.30 S3 Partnership on sustainable buildings and project BUILD2LC (LEAG – partner of S3 Partnership)

15.30 – 16.00 Coffee break

16.00 – 17.30 How are the policy makers implementing the EU directive, what are the difficulties?

Presenters:

- Ministry for Infrastructure from Slovenia – Slovenia (Erik Potočar),
- Building Regulation Office – Malta (Carmelo Barbara),
- expert from MOTIVA – Finland (Harri Heinaro),
- representative from PACA region – France,
- representative from Region of Crete – Greece, etc.

17.30 – 18.00 Güssing – good example of community becoming self-sufficient and reaching zero emissions (mayor Bernhard Deutsch)

18.30 Networking dinner at the location

Thursday, 22. 3. 2018

9.30 – 10.00 What are the market needs in relation to the reduction of emissions in buildings and energy efficiency (Nick Lyth and Steve Taylor, Green Angel Syndicate – UK)

10.00 – 10.20 Experimentation E+ /C- (French experiment for reducing building's greenhouse gas emissions) - for new buildings (expert Nicolas Cabassud from CEREMA – France)

10.20 – 10.30 Sustainable Use of Renewable Resources and Energy Efficiency in Rural Regions - RURES (Maja Bratko, Medjimurje Energy Agency Ltd. from Croatia)

10.30 – 11.10 Action plans - how to implement ZERO CO₂ buildings in to the regional/national policies? (Lea Hämäläinen, Thermopolis, Finland)

11.10 – 11.40 Good practice examples identified by ZERO CO₂ partnership (Candice le Tourneur, AVITEM, France)

11.40 – 12.00 Coffee break

12.00 – 13.30 Panel discussion – what we have learned, how we will reach the foreseen target – reduction of CO₂ emission in EU (with the help of ZERO CO₂ buildings), moderated by Chris Ashe (European Institute for Innovation)

13.20 – 13.30 Closing of the conference

13.30 Light Lunch

The conference will be conducted in English and is free of charge.

For additional informations about the ZERO CO₂ project and registration visit our website:
<https://www.interregeurope.eu/zeroco2/>



BUILD2LC
Interreg Europe



European Union
European Regional
Development Fund

Hvala za pozornost

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