

## Minutes of the Co-creating Lab November 29, 2018 by EIHP

Program priority: 2.1 - To raise capacity for better management of energy in public buildings at transnational level  
Work package: 4 - Transferring  
Activity: 5.4 – CESBA MED Cities network  
Deliverable: 5.4.2 - Co-creation workshops



## Content

1	Presentation of the Co-creating Lab .....	3
1.1	<i>Context</i> .....	3
1.2	<i>Challenges in implementation of urban development and sustainable buildings in Croatia</i> .....	3
1.3	<i>Agenda</i> .....	4
2	Brainstorming and future activities .....	4
3	Future developments .....	5
4	List of participants .....	6

# 1 Presentation of the Co-creating Lab

## 1.1 Context

The event was organised on November 30, 2018 in Zagreb.

The format of the event was workshop and there were 14 participants from Ministry of Construction and Physical Planning, Directorates for Energy Efficiency and Physical planning and EU Funding. Both Heads of directorates attended the workshop.

The focus of the workshop was presentation of the CESBA MED approach in sustainability assessment and definitions of sustainability indicators. The Ministry is responsible for implementation of the 2030 UN Agenda for sustainable development – SDG 11 (Sustainable cities and communities) and needs to transpose sustainability indicators in strategic documents in Croatia. The Ministry is national contact point for various international projects: Urbact, UN Habitat, European Union for Mediterranean, Urban Agenda EU – Safety of Public Spaces. On national level, the Ministry is responsible for urban and territorial development of Croatia and within the National development strategy 2030 is responsible for the topic on sustainable settlements.



## 1.2 Challenges in implementation of urban development and sustainable buildings in Croatia

The Ministry explained the challenges they face in implementation of urban development and sustainable buildings:

- engaging cities in EU cooperation programs - in small cities: lack of staff and lack of awareness on benefits EU projects, in large cities: formation of smart city departments but still in demand of capacity building for sustainable development, in general: lack of participation of Croatian cities in various territorial cooperation networks
- Lack of local budget for development of high quality of local physical planning documents i.e. implementation of expert studies to collect data on local space
- Sustainability demands in energy refurbishment projects and nearly-zero energy standard – what issues to introduce
- How to set priority criteria for energy refurbishment planning of public sector buildings

### 1.3 Agenda

Time	Tema	Predavač
08:45 – 09:00	<i>welcome</i>	
09:00 – 09:05	Introduction on CESBA MED approach – stakeholders, goals and results	M. Zidar, EIHP
09:05 – 09:15	CESBA MED sustainability framework concept	V. Bukarica, EIHP
09:15 – 11:00	Case study of Mravince in the city of Solin <ul style="list-style-type: none"> <li>• Key sustainability indicators for neighborhoods</li> <li>• Discussion on sustainability improvements</li> </ul>	V. Bukarica & M.Zidar, EIHP
11:00 – 11:15	<i>Coffe break</i>	
11:15– 12:00	<i>Brainstoriming</i> and future activities: How can CESBA MED approach contribute to integrated and sustainable urban planning activities in Croatia Presentation of the prioritization tool in energy renovation planning from Impulse MED Tool - prioritization of energy efficiency measures	Presenall

The national framework concept of sustainability assessment of neighbourhoods was presented: issues (7), categories (23) and criteria and indicators (38). Case study of Mravince neighbourhood was used to present the use of the CESBA MED SN Tool i.e. calculation of sustainability score.

## 2 Brainstorming and future activities

The conditions and possibilities for the application of sustainability indicators in the framework of the spatial planning system and the sustainable development of cities have been discussed.

Participants discussed on definitions of indicators, availability of data and standards. It was noticed that very few indicators are readily available in public data sources (national statistics reports) and there is a need to establish them formally within this specific date base. Report on spatial conditions which is being developed every 4 years for national, regional and local scale was recognized as most appropriate to use the sustainability indicators.

Mostly target/benchmark values for indicators are not available in Croatia so there is a need to establish relevant national standards. First step would be to define sustainability indicators in relevant legislation and introduce them in statistics reports and then introduce them in relevant documents on spatial planning.

Tool for prioritising energy renovation measures on a group of public buildings was presented. The tool was developed as part of the Interreg Impulse Med project and provides the priority list of energy efficiency measures for each building from the group, in fixed time period and based on a combination of indicators. Selection of priority indicators is defined by user and the priority list for EE measures is formed from combining the priority given to each indicator and the level of improvement of a specific indicator value. Since these indicators are very similar to CESBA MED indicators, the Impulse tool was selected for comparison to CESBA MED SB Tool.

Both tools contain sustainability indicators related to technical parameters (savings, RES use), economy parameters (investment, payback period), user related parameters (thermal comfort index, CO<sub>2</sub> concentration) and environment parameters (CO<sub>2</sub> mitigation, global warming potential). There is an interesting link between the outputs of the two projects as CESBA MED provides sustainability rating and Impulse MED prioritization of improvement measures.

### 3 Future developments

Ministry is interested in results of pilot testing in other CESBA MED pilot case studies to see the difference in selection of sustainability indicators, benchmarks and description of improvement measures.

Use of sustainability issues in energy refurbishment projects and achieving the nearly-zero energy standard is necessary to introduce in the next period programming period in national energy refurbishment program and green infrastructure program which will be funded from Cohesion and Structural Funds.

Application of the prioritization tool in energy renovation planning was found interesting to test and to evaluate wide sustainability effects from energy efficiency in building projects.

## 4 List of participants



### Co-creation workshop s Ministarstvom graditeljstva i prostornoga uređenja

29.11.2018. u Zagrebu, zgrada EIHP

IME I PREZIME	kontakt e-mail	POTPIS
Kornelija Pintarić	kornelija.pintaric@mgipu.hr	
Vjekoslav Žele	vjekoslav.zele@mgipu.hr	
Anka Javora	anka.javora@mgipu.hr	
Sandra Momčilović	sandra.momcilovic@mgipu.hr	
Ivana Pastuović	ivana.pastuovic@mgipu.hr	
Martina Oblak Pehnek	martina.oblakpehnek@mgipu.hr	
Irena Šinjar	irena.sinjar@mgipu.hr	
Ines Androić Brajčić	ines.androicbrajacic@mgipu.hr	
Diana Horvat	diana.horvat@mgipu.hr	
Marijana Butković Golub	MGOLOB@mgipu.hr	
Ana Krakan	ana.krakan@mgipu.hr	
Irena Križ Šelendić		
Andriana Pozojević	andriana.pozojevic@mgipu.hr	
Edin Muharemi	edin.muharemi@mgipu.hr	

Svojim potpisom gore, dajem priložu da se moji osobni podaci koriste u skladu s Općom uredbom o zaštiti podataka u svrhu: vođenja evidencije prijave/prisutnosti na radionici, praćenja prisutnosti i interesa za određenu temu za koju se radionica provodi, promidžbene svrhe (fotografiranje sudionika radi objave događaja na web-u i sl.), eventualnom proslijeđivanju prezentacijskih materijala s radionice, eventualnoj izradi potvrda o nazočnosti radionici, slanju daljnjih obavijesti o radionicama u organizaciji Energetskog instituta Hrvoje Požar. Osobni podaci se neće obrađivati izvan navedenih svrha. Podaci se čuvaju u prostorijama EIHP-a koje se zaključavaju i koje imaju ograničen pristup. Ukoliko zakonom, internim aktom ili za potrebe same radionice nije drugačije određeno, 15 dana od prikupljanja, papirni zapis o osobnim podacima će biti uništen. Iznimno, podaci se mogu kreirati i pohraniti u elektroničkom obliku zaštićenom na lokalnom serveru EIHP-a. Osobne podatke ne proslijeđujemo trećim osobama, osim na zahtjev tijela javne vlasti. U slučaju prigovora možete se obratiti Agenciji za zaštitu osobnih podataka, ali potičemo Vas da nam se izravno obratite te da u dobroj vjeri riješimo Vaš prigovor. Ispitanik ima pravo u svakom trenutku povući svoju priložu pisanim putem ili zatražiti više informacija o svojim osobnim podacima.

