

ENERGY RENOVATION OF BUILDINGS AND RENEWABLE ENERGY SOURCES USE

NEWSLETTER

ISSUE NO 7.

OCTOBER 2018

International Expert Conference "Energy efficiency in buildings - for a better tomorrow"



Minister Predrag Štromar, Head of IB 1

From 1 January to 31 December 2018, the Republic of Croatia presides over the Central European Initiative (CEI), or the regional forum for cooperation in Central and Eastern Europe respectively, that was established in 1989, and has eighteen member states: Albania, Austria, Belarus, Bosnia and Herzegovina, Bulgaria, Montenegro, Czechia, Croatia, Italy, Hungary, Macedonia, Moldova, Poland, Romania, Slovakia, Slovenia, Serbia and the Ukraine.

On occasion of the Presidency and organized by the Ministry of Construction and Physical Planning, the international professional conference "Energy efficiency in buildings - for a better tomorrow" was held at the Sheraton Hotel in Zagreb on 26 and 27 September 2018.

The conference brought together expert speakers with the aim of presenting legislation and strategic documents regarding energy efficiency and energy renovation of buildings. Among others, within the framework of the conference, participants shared experiences in using ESI funds for funding energy renovation of public sector and residential buildings.

In addition, the concept of nearly Zero-Energy Buildings (nZEB) was presented to the experts, as well as the information systems for monitoring and analysing energy consumption in public sector buildings, the system for energy certification of buildings and the system for measuring and verifying energy savings (SMiV).

The conference participants were addressed, in their introductory speeches, by Deputy Prime Minister and Minister of Construction and Physical Planning of Croatia Predrag Štromar, CEI representative Ms. Elisabetta Dovier, and by representatives of the European Commission.

The Croatian Presidency priorities are focused on the transfer of knowledge and experience in the field of European integrations, economic cooperation, cooperation in the field of culture, intensification of CEI cooperation with other regional and international organizations and continued parliamentary cooperation.

Increase in energy efficiency and efficiency in energy supply are strategic priorities of the European Union, and its goals are, besides striving for mitigating climate changes, also directed towards achieving energy independence.

On 27 September 2018, as a side event to the international expert conference 'Energy Efficiency in buildings - for a better tomorrow', the "First open partner dialogue" was organised, by the Ministry of Construction and Physical Planning, the Croatian Association of Heat-Façade Systems Manufacturers (HUPFAS), and the Croatia Green Building Council, at the Westin Hotel in Zagreb. Representatives from the first group of Ministry of Construction and Physical Planning partners, the Environmental Protection and Energy Efficiency Fund, the Croatian Association of Heat-Façade Systems Manufacturers (HUPFAS), the Croatia Green Building Council, and the nZEB Cluster signed the „Charter on cooperation aimed at decarbonisation of buildings by 2050“.

The dialogue gathered representatives of the state administration and local self-government units, the academic community and the expert public, the construction and energy sector and their supporting industries, with the aim to foster, through common dialogue, successful implementation of the nearly zero-energy buildings standard, as well as of the national long-term strategy of energy renovation of buildings, in order to support the transformation, by 2050, of the existing building stock into a decarbonised and highly energy-efficient building stock.



Head of Sector for EU Programmes and Projects, Ines Andrić Brajčić

"Days of Regional Development and EU Funds" held in Šibenik



The representatives of MCPP assistant ministers Zdravko Vukić, Danijel Žamboki and Milan Rezo

The "Days of Regional Development and EU Funds" conference, organised by the Ministry of Regional Development and EU Funds, was held in order to provide numerous representatives of ministries, counties, cities, municipalities, regional coordinators and other institutions important for regional development with information about financing opportunities through ESI funds, and to enable them to exchange experiences, to interconnect and to strengthen cooperation in order to realise as many projects as possible.

The conference was held in the Solaris tourist resort in Šibenik, from 4 to 6 October 2018, and was opened by Croatian Prime Minister Andrej Plenković, and minister Gabrijela Žalac on behalf of the organizer. The Ministry of Construction and Physical Planning was represented by assistant ministers Danijel Žamboki, Milan Rezo and Zdravko Vukić, and by representatives of the Sector for EU Programmes and Projects, who at a promotional stand answered questions of interested participants.

Current policies and development programmes were presented that are aimed at enabling a uniform regional development of all parts of the Republic of Croatia, as well as opportunities for funding regional development through European Union funds and programmes. A ministerial panel with the theme „Regional development and EU funds in EU Member States“ was also held within the framework of the conference.

Signing of Agreements and award of Financing decisions goes on

Under the Call for energy renovation and RES use in public sector buildings, **759 project proposals** were submitted, applying for grants in a total amount of HRK 1.562 billion, which corresponds to more than 120% of the total available amount of HRK 1.110 billion from the EFRR.

The dynamics of work is observable from the data indicated below:

Data until middle of October 2018	No of Agreements	Total agreed value of projects	Allocated grants
Signed Agreement	170	658.114.602,28 kn	332.376.156,57 kn

Data until middle of October 2018	No of Financing decisions	Total agreed value of projects	Allocated grants
Financing decisions	296	1.105.978.603,50 kn	559.381.362,29 kn

*Situation on October 17, 2018.

Energy renovation of the building of Nursery school "Pčelica", Vrgorac

In late 2016, the MCPP announced the Call 'Energy renovation of buildings and use of renewable energy sources in public institutions performing educational activities'. Under this Call **216 Agreements** were signed for the total contracted valued of HRK 756.3 billion, out of which **HRK 343.26 billion** were grants.



Nursery school „Pčelica“ after energy renovation, Vrgorac

In the territory of the City of Vrgorac, 2 projects were contracted for a total value exceeding HRK 5.7 million, out of which grants amount to HRK 1.9 million. One of the Agreements is the Agreement on energy renovation of the building of Nursery school „Pčelica“, signed on 27 September 2017, for a total project value of almost HRK 2.4 million.

The nursery school was built in 1980 and is the only nursery school in the City of Vrgorac, along with its branch department Dusina, in which in the pedagogic year 2017/2018, 175 children were enrolled and were assigned to ten educational groups. By energy renovation, annual energy savings of 81.05% are designed, as well as the transition from energy class E to A.

ENERGY RENOVATION OF THE BUILDING OF NURSERY SCHOOL PČELICA, VRGORAC	
Total project value:	2.389.175,15 kn
Grant amount:	670.703,15 kn
Energy renovation measures:	thermal insulation of external wall thermal insulation of the ceiling towards unheated space replacement of external doors and windows replacement of in-door lighting production of thermal energy from RES preparation of hot water from RES cooling from RES
Energy class:	Transition from E to A
Savings:	81,05 %
Year of construction:	1980.



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