

NR-49 - Construction of New Energy Efficient Buildings Based on Energy Efficiency Regulation in Serbia

Serbia

NAMA for Recognition

A Overview

A.1 Party	Serbia 	
A.2 Title of Mitigation Action 	Construction of New Energy Efficient Buildings Based on Energy Efficiency Regulation in Serbia	
A.3 Description of mitigation action	Although Serbia has introduced a regulation in the 1970's that requires minimum energy efficiency for new residential and non-residential buildings, and has continuously improved the regulation, the country is taking one further step to make the regulation even much stricter than the previous standard. Under the new regulation, "Regulations on Energy Efficiency in Buildings", all new buildings will be installed with better thermal insulation of non-transparent elements, including external walls, partitions to unheated space, roofs, ceilings, etc., and with better windows quality, such as five-chamber PVC frames, etc. This allows specific annual heat energy consumption for new residential buildings will decrease from 100 to 60 kWh/m2y, and that for new non-residential buildings from 110 to 70 kWh/m2y and GHGs emission reduction will be achieved	
A.4 Sector	☐ Energy supply ☐ Transport and its Infrastructure ☒ Residential and Commercial buildings ☐ Industry ☐ Agriculture ☐ Forestry ☐ Waste management ☐ Other	
A.5 Technology	☐ Bioenergy ☐ Cleaner fuels ☒ Energy Efficiency ☐ Geothermal ☐ Hydropower ☐ Solar Energy ☐ Wind Energy ☐ Ocean Energy ☐ Carbon Capture and Storage ☐ Low till / No till ☐ Land fill gas collection ☐ Other	
A.6 Type of action	☐ National/ Sectoral goal ☐ Project: Investment in machinery	

	☐ Strategy	☒ Project: Investment in infrastructure
	☒ National/Sectoral policy or program	☐ Project : other
	☐ Other	
A.7 Greenhouse gases covered by the action	☐ CO2	☐ CH4
	☐ N2O	☐ HFCs
	☐ PFCs	☐ SF6
	☐ Other	

B National Implementing Entity

B.1.0	Name	Ministry of Construction and Urbanism
B.1.1	Contact Person 1	Ms. Jasminka Pavlovic
B.1.2	Address	22-26 Nemanjina Street, 11000 Belgrade
B.1.3	Phone	+381 11 3616 420
B.1.4	Email	il.jasminka.pavlovic@mgu.gov.rs
B.1.5	Contact Person 2	
B.1.6	Address	
B.1.7	Phone	
B.1.8	Email	
B.1.9	Contact Person 3	
B.1.10	Address	
B.1.11	Phone	
B.1.12	Email	
B.1.13	Comments	

[Add Additional Entity](#)

C Expected timeframe for the implementaion of the mitigation action

C.1	Number of years for completion	8
C.2	Expected start year of implementation	2013

D Currency

D.1	Used Currency	EUR ▼	Conversion to USD: 1
E Cost			
E.1.1	Estimated full cost of preparation	1,000,000	Conversion to USD: 1,293,661
E.1.2	Comments on estimated full cost of preparation		
E.2.1	Estimated full cost of implementation		Conversion to USD: 0
E.2.2	Comments on estimated full cost of implementation		
E.3.1	Estimated incremental cost of implementation		Conversion to USD: 0
E.3.2	Comments on estimated incremental cost of implementation		
F Estimated emission reductions			
F.1	Amount ⓘ	0.275	
F.2	Unit	MtCO2e/yr ▼	
F.3	Additional information (e.g. if available, information on the methodological approach followed)	Total reduction calculated for 30 years with general calculation method based on IPCC Guidelines is 8,258,460 tCO2e	
G Other indicators			
G.1	Other indicators of implementation	Reduction of fossil fuel import, creation of employment opportunities, awareness raising among general public regarding energy saving	
H Other relevant information			
H.1	Other relevant information including co-benefits for local sustainable development	Regulation on Energy Efficiency in Buildings adopted in August 2011 and came into force in September 2012	
I Relevant National Policies strategies, plans and programmes and/or other mitigation action			
I.1	Relevant National		

Policies

I.2 Link to
other
NAMAs

(none)
Sustainable Housing Programme
High Integration Program of Wind Energy
Implementation of a National Forestry and Climate Change Strategy, including the development and implementation of a Platform for the Generation and Trading of Forest Carbon Credits.

J Attachments

J	Attachments	Title Description	
J.1	Attachment description	No records to display.	
J.2	File	Choose File No file chosen	
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