

NS-31 - Expansion of existing heating network in Valjevo

Serbia

NAMA Seeking Support for Implementation

A Overview

A.1 Party	<input type="text" value="Serbia"/>
A.2 Title of Mitigation Action	Expansion of existing heating network in Valjevo
A.3 Description of mitigation action	The NAMA is the expansion of the existing district heating network to the city areas of Valjevo with the aim of energy efficiency improvement and air pollution reduction. Total heat capacity to be connected to the district heating system under the project will be 37.85 MW. The mitigation action involves installation of a hot water network in the length of 9.7 km and closure of 25 existing inefficient heating stations (boiler rooms) and individual furnaces in 94 residential buildings. 119 new heating substations will also be constructed in order to supply heat to the total surface area of 286,649 m2. NAMA will lead to climate change mitigation through reducing fuel consumption at outdated inefficient boilers for heating.
A.4 Sector	<input checked="" type="checkbox"/> Energy supply <input type="checkbox"/> Transport and its Infrastructure <input checked="" type="checkbox"/> Residential and Commercial buildings <input type="checkbox"/> Industry <input type="checkbox"/> Agriculture <input type="checkbox"/> Forestry <input type="checkbox"/> Waste management <input type="checkbox"/> Other <input type="text"/>
A.5 Technology	<input type="checkbox"/> Bioenergy <input type="checkbox"/> Cleaner Fuels <input checked="" type="checkbox"/> Energy Efficiency <input type="checkbox"/> Geothermal energy <input type="checkbox"/> Hydropower <input type="checkbox"/> Solar energy <input type="checkbox"/> Wind energy <input type="checkbox"/> Ocean energy <input type="checkbox"/> Carbon Capture and Storage <input type="checkbox"/> Low till / No till <input type="checkbox"/> Land fill gas collection <input type="checkbox"/> Other <input type="text"/>
A.6 Type of action	<input type="checkbox"/> National/ Sectoral goal <input type="checkbox"/> Project: Investment in machinery <input type="checkbox"/> Strategy <input checked="" type="checkbox"/> Project: Investment in infrastructure <input type="checkbox"/> National/Sectoral policy or program <input type="checkbox"/> Project: Other <input type="checkbox"/> Other <input type="text"/>
A.7 Greenhouse gases covered by the action	<input type="checkbox"/> CO2 <input type="checkbox"/> CH4 <input type="checkbox"/> N2O <input type="checkbox"/> HFCs <input type="checkbox"/> PFCs <input type="checkbox"/> SF6 <input type="checkbox"/> Other <input type="text"/>

B National Implementing Entity

B.1.0	Name	City of Valjevo
B.1.1	Contact Person 1	Mr. Selimir Manojlovic
B.1.2	Address	14000 Valjevo, Karadjordjeva 64
B.1.3	Phone	+381 14 294 702
B.1.4	Email	selimir.manojlovic@gmail.com
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	

C Expected timeframe for the implementation of the mitigation action

C.1	Number of years for completion	5
C.2	Expected start year of implementation	2013

D Currency

D.1	Used Currency	<input style="width: 100%;" type="text" value="AED"/> Conversion to USD: 1
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E Cost

E.1.1	Estimated full cost of implementation	6000000
E.1.2	Comments on full cost of implementation	
E.2.1	Estimated incremental cost of implementation	
E.2.2	Comments on estimated incremental cost of implementation	

F Support required for the implementation the mitigation action

F.1.1 Amount of Financial support	6000000
F.1.2 Type of required Financial support	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan (sovereign) <input type="checkbox"/> Loan (Private) <input type="checkbox"/> Concessional loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Carbon finance <input type="checkbox"/> Other <input style="width: 100px;" type="text"/>
F.1.3 Comments on Financial support	Expected initial investment includes construction of hot water network (EUR 3.6 million) and substations (EUR 2.4 million)
F.2.1 Amount of Technological support	
F.2.2 Comments on Technological support	
F.3.1 Amount of capacity building support	
F.3.2 Type of required capacity building support	<input type="checkbox"/> Individual level <input type="checkbox"/> Institutional level <input type="checkbox"/> Systemic level <input type="checkbox"/> Other <input style="width: 100px;" type="text"/>
F.3.3 Comments on Capacity Building support	
F.4 Financial support for implementation required	<input type="checkbox"/>
F.5 Technological support for implementation required	<input type="checkbox"/>

F.6 Capacity Building support for implementation
required

G Estimated emission reductions

G.1 Amount

G.2 Unit

G.3 Additional information (e.g. if available, information on the methodological approach followed)

H Other indicators

H.1 Other indicators of implementation

I Other relevant information

I.1 Other relevant information including co-benefits for local sustainable development

J Relevant National Policies strategies, plans and programmes and/or other mitigation action

J.1 Relevant National Policies

J.2 Link to other NAMAs

K Attachments

K Attachments

K.1 Attachment description

K.2 File

L Support received

L.1 Outside the Registry

L.2 Within the Registry

Support provided	SupportType	Amount	Comment	Date
ODA for Climate Change Measures	Technological	960,000		10/16/2014 9:14:10 AM