



NAMA Seeking Support for Implementation

A Overview

A.1 Party Bosnia and Herzegovina

A.2 Title of Mitigation Action Sustainable and energy efficient building of Faculty of Architecture, Civil Engineering and Geodesy in Banja Luka

A.3 Description of mitigation action The main objective of the project is to reduce GHG emissions from building sector and at the same time set a prototypical example for solving the problem of spatial and technological capacity for teaching and scientific research by designing and construction of environmentally friendly and energy efficient building of FACEG. The goal is to establish sustainable instrument for managing energy of the building which will result in reduction of CO₂ emission for over 50% in relation to the CO₂ emission of buildings of educational purpose with the typical spatial configuration and materialisation in Banja Luka.

A.4 Sector Energy supply Transport and its Infrastructure
 Residential and Commercial buildings Industry
 Agriculture Forestry
 Waste management Other <Pls enter Other text here>

A.5 Technology Bioenergy Cleaner Fuels
 Energy Efficiency Geothermal energy
 Hydropower Solar energy
 Wind energy Ocean energy
 Carbon Capture and Storage Low till / No till
 Land fill gas collection Other <Pls enter Other text here>

A.6 Type of action National/ Sectoral goal
 Strategy
 National/Sectoral policy or program
 Project: Investment in machinery
 Project: Investment in infrastructure
 Project: Other
 Other: <Pls enter Other text here>

A.7 Greenhouse gases covered by the action
 CO₂ CH₄
 N₂O HFCs
 PFCs SF₆
 Other <Pls add in text here>



B National Implementing Entity

B.1.0 Name University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy

B.1.1 Address Vojvode Stepe Stepanovica 77/III, 78 000 Banja Luka

B.1.2 Contact Person Milenko Stankovic, Dean

Alternative Contact Person Nevena Novakovic, Vice Dean for Scientific Research

B.1.3 Phone +387 51 462 543

Alternative Phone +387 65 945 068

B.1.4 Email mstankovic@agfbl.org

Alternative Email nnovakovic@agfbl.org

[+ Add Additional entity](#)

C. Expected timeframe for the implementation of the mitigation action

C.1 Number of years for completion 2

C.2 Expected start year of implementation 2016

D.1 Used Currency EUR

Conversion to USD <to be filled automatically>

E Cost

E.1.1 Estimated full cost of implementation 9 020 000.00

Conversion to USD <to be filled automatically>

E.1.2 Comments on full cost of implementation

The first phase of the construction works are already finished and total cost were 2 926 549,68 EURO provided by University of Banja Luka and Government of Republic of Srpska.

E.2.1 Estimated incremental cost of implementation 0.00

Conversion to USD <to be filled automatically>

E.2.2 Comments on estimated incremental cost of implementation

<Pls enter Comments here>

F Support required for the implementation of the mitigation action

F.1.1 Amount of financial support 9 020 000.00

Conversion to USD <to be filled automatically>

F.1.2 Type of required financial support

Grant

Carbon finance

Loan (sovereign)

Other <Pls enter Other text here>

Loan (Private)

Concessional loan

Guarantee

Equity



F.1.3 Comments on Financial Support The first phase of the construction works are already finished and total cost were 2 926 549,68 EURO provided by University of Banja Luka and Government of Republic of Srpska.

F.2.1 Amount of Technological Support 0.00
Conversion to USD <to be filled automatically>

F.2.2 Comments on Technological Support <Pls enter Comments here>

F.3.1 Amount of capacity building support 0.00 \$ (Dollars)
Conversion to USD <to be filled automatically>

F.3.2 Type of required capacity building support Individual level
 Institutional level
 Systemic level
 Other <Pls enter Other text here>

F.3.3 Comments on Capacity Building Support <Pls enter Comments here>

F.4 Financial support for implementation required

F.5 Technological support for implementation required

F.6 Capacity building support for implementation required

G Estimated emission reductions

G.1 Amount 228

G.2 Unit MtCO₂e/y

G.3 Additional information (e.g. if available, information on the methodological approach followed):
<Pls enter additional information for estimated emission reductions here>

H.1 Other indicators of implementation <Pls enter Comments here>

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

- Improvement of the quality of the environment through the reduction of water pollution, maintenance and preservation of existing green structure and through the use of renewable energy sources for heating and cooling of air in the building;
- Transfer of knowledge and new technologies through application of the principles and infrastructure of energy efficiency in buildings;
- Significant improvement of spatial and technological capacity for teaching and scientific research at FACEG and University of Banja Luka;
- Initiation of the conceptualization and realization of a larger project of regeneration of the University campus and the waterside, according to *BlueGreenDream* principles, as a measure to adaptation to climate change in urban systems by exploiting the synergies of water and green structures. FACEG building as the focal point.



- Increase of citizens' awareness on their responsibility towards the environmental protection and sustainable use of energy, by applying energy efficiency measures in educational facilities.

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

J.1 Relevant National Policies

- Strategy for Climate Change Adaptation and Low-emission Development for Bosnia and Herzegovina (2014)
- Draft of the National Action Plan for Energy Efficiency (NEEAP, 2012)
- Energy Development Strategy of the Republic of Srpska (2010)
- Law on Energy Efficiency (2013)
- Law on Spatial Planning and Construction (2013)
- Strategy for Development of Banja Luka in the period from 2007-2015 (revised in 2012)
- Sustainable Energy Action Plan of the City of Banja Luka (SEAP, 2009)

J.2 Links to other mitigation actions <Pls enter/select NAMA ID>

K Attachments

K.1 Attachment description

K.2 File

L Support received

L.1 From outside the Registry The first phase of the construction works are already finished and total cost were 2 926 549,68 EURO provided by University of Banja Luka and Government of Republic of Srpska.

L.2 From within the Registry

Source	Amount	Date