

# NS-173 - Ethiopian Railways –Railway Academy NAMA

## Ethiopia

### NAMA Seeking Support for Preparation

#### A Overview

A.1 Party

Ethiopia

A.2 Title of Mitigation Action

Ethiopian Railways –Railway Academy NAMA

A.3 Description of mitigation action

A main pillar of Ethiopia's Climate Resilient Green Growth (CRGE) strategy is to avoid emissions in the transport sector through a shift of freight and passenger transport from road to rail. The Ethiopian Railways Corporation (ERC) was set up in 2007 with the mandate to construct railway infrastructure and provide passenger and freight rail transport services in Ethiopia. The envisaged infrastructure consists of two railway project components, namely the Addis Ababa Light Rail Transit (LRT) and the Nationwide Railway Network Development Programme. Local knowledge and capacity is a main success factor of sustainable railway implementation and operation. ERC therefore intends to establish a state-of-the-art Railway Academy.

The Railway Academy will serve the following functions:

- Provision of basic skill trainings and practical trainings for middle-level technicians at diploma and advanced diploma level, to assure availability of front-line workers in railway transport operation and maintenance as well as infrastructure construction;
- To conduct practical oriented training of the middle-level technicians at Bachelor degree level;
- To organize and conduct short-term professional skill development training for engineers
- To offer leadership trainings for middle level and executive management;

- To undertake applied technical research and technology

transfer;

- To promote preparation and review of railway sector policy documents;
- To organize and facilitate railway sector workshops and seminars;
- To promote research and development in areas of railway technology advancement in collaboration with selected universities and the Institute of Technologies.

Through this NAMA, ERC is seeking support for the preparation of feasibility study for the items as below:

- Construction of the Academy;
- Procurement of interior and lab equipment;
- Formulation of curricula;
- Formulation of academy business plan.

Once a feasibility study is being completed, ERC will request support to implement the Railway Academy through a NAMA for implementation.

A.4 Sector

<input type="checkbox"/> Energy supply	<input checked="" 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	

Other

A.5 Technology

<input type="checkbox"/> Bioenergy	<input type="checkbox"/> Cleaner fuels
<input 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	

Other

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
A.7 Greenhouse gases covered by the action	<input type="checkbox"/> National/Sectoral policy or program	<input type="checkbox"/> Project : other
	<input type="checkbox"/> Other <input type="text"/>	
	<input checked="" 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	Ethiopian Railway Corporation (ERC)
B.1.1 Contact Person 1	Mr. Shewangizaw Kifle
B.1.2 Address	P.O.Box 27558/1000 Addis Ababa, Ethiopia
B.1.3 Phone	00251 911 226 816 or 00251 114 70--21--90
B.1.4 Email	kidusshk@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 preparation of the mitigation action

C.1	Number of months for completion	18
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### D Currency

D.1	Used Currency	<input type="text" value="AED"/>
		Conversion to USD: 1

### E Cost

E.1.1 Estimated full cost of preparation	300000
E.1.2 Comments on full cost of preparation	The requested support is to be used to carry out a feasibility and need assessment study for a future Railway Academy as well as to propose content of relevant curricula.

### F Support required to prepare the mitigation action

F.1.1 Amount of Financial support	300000
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"/> Other <input type="text"/>
	<input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Carbon finance
F.1.3 Comments on Financial support	ERC is seeking support for the preparation of a feasibility study for

the items as below:

- Construction of the Academy;
- Required interior and lab equipment;
- Content of curricula, number of courses and estimated number of participants;
- Formulation of academy business plan.

F.2.1 Amount of Technical support

F.2.2 Comments on Technical 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 type="text"/>

F.3.3 Comments on Capacity Building support

Included in financial support requested.

F.4 Financial support required

F.5 Technological support required

F.6 Capacity support required

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

G.1 Relevant National Policies

Ethiopia has taken on the ambition to capitalise on its rapid economic growth by investing in an economy that is more resilient to the impacts of climate change and pursue low carbon development. The Government of Ethiopia has adopted the Growth and Transformation Plan (GTP), which outlines the country's strategy to reach middle-income status before 2025. At the same time, the Government has issued the Climate-Resilient Green Economy (CRGE) strategy in 2011, which lays down the country's plan to develop a carbon neutral, green economy by 2025. Provision of an affordable and efficient transport system will make a crucial contribution to economic growth, employment creation, social welfare and the expansion of the industrial sector. Estimated GDP growth of 8.5% in 2012 made Ethiopia one of Africa's best performing economies and the country is expected to continue to represent one of the world's fastest growing economies in the years to come

G.2 Link to other NAMAs

Ethiopia's National Railway Network and Addis Ababa Light Rail Transit (LRT) NAMA

### H Attachments

H Attachments

**Title Description**

H.1 Attachment description

H.2 File

Browse...

### I Support received

I.1 Outside the Registry

I.2 Within the Registry

**Support provided SupportType Amount Comment Date**