

Conducting a Study and Formulating Green Freight Nationally Appropriate Mitigation Actions

(Green Freight NAMAs)

For

Viet Nam

Terms of Reference

A. Background

1. The GMS Core Environment Program (GMS CEP) has been implementing the Green Freight Initiative in Lao PDR, Thailand and Vietnam in collaboration with relevant government agencies and business associations. The initiatives aimed to test a decentralized model to deploy green freight interventions among Small and Medium-sized Enterprises engaged in road freight in Lao PDR, Thailand and Viet Nam. Green freight measures being tested include green freight technologies and financing for these, driver training in eco-driving and safety, and logistics management.

2. To date, green freight initiative has field tested technical solutions and measured its impact to reduce GHG emissions from freight transport in Lao PDR and Viet Nam. Retrofitting aerodynamic equipment and low rolling resistance tires in existing fleet together with training drivers on eco-driving has resulted in fuel saving and emission reduction of around 10% to 13%. Similar results have been reported by FTI in Thailand. The initiative in Lao PDR and Viet Nam had been completed in October 2016 and the green freight initiative in Thailand is expected to be concluded in early 2017.

3. The CEP design and monitoring framework includes the development of climate change mitigation programs and actions such as nationally appropriate mitigation actions (NAMAs) for transport sector in select GMS countries. Nationally determined contribution (NDC) and NAMAs are formal mechanisms adopted by countries under the United Nations Framework Convention on Climate Change (UNFCCC) towards reducing GHG emissions and implementing mitigation targets at the same time seeking a measurable, reportable, and verifiable low-emission development. NDC and NAMAs together with Green Climate Fund (GCF) can provide the opportunities for the establishment of sustainable financing mechanism for the replication and uptake of green freight initiative.

B. Objectives

4. Recent discussions with participating countries (Lao PDR, Thailand, and Viet Nam) on the results achieved to date under the ongoing green freight initiatives revealed strong demands from Viet Nam to further develop the green freight initiative and move it towards integration with NAMAs. Notably, building NAMA capacity is in line with the country mitigation strategy, particularly those targets under Green Growth Strategy and low emission development strategies in Viet Nam

NIRAS Finland Oy, the Program Management Firm of the ADB RETA 7987: GMS Core Environment Program, is seeking services from a team of experts to conduct a study on current and anticipated needs for Green Freight NAMAs and assist Department for Roads of Viet Nam (DRVN) in developing Green Freight NAMAs as a stepping stone towards a financial proposal to the Green Climate Fund (GCF)

C. TASKS

The study will design and conduct analytical assessment of the transport trend in inter-urban freight, national policies and strategy related to environmental protection, freight transport, green growth, NDC and existing NAMAs in Viet Nam. Using the analytical assessment results as bases, the study team will further assist DRVN in formulating a NAMA design document for Green Freight in Viet Nam.

Specifically, the study will

- Conduct a review of national environmental and transport policy, green growth strategy, NDC and existing and ongoing NAMAs in Viet Nam
- Assess the transport trend in inter-urban freight including GHG emission
- Conduct stocktaking to assess the current and main trends of the freight transport sector and draw up stakeholder mapping to visualize roles and responsibilities of the main actors in freight transportation.
- Determine of NAMA objectives and identify core mitigation actions
- Evaluation of transformational impact of the NAMA based on theory of change, GHG reduction impact analyzing development scenarios including business as usual until 2030, and baseline data (follow the concept of transformational change as used by the GCF)
- Develop financial structure of measures and modalities including investment, profitability of measures and potential finance parties.
- Identify NAMA implementation modality incorporating policy and institutional strengthening measures
- Propose monitoring system including indicators to be monitored and monitoring methods
- In consultation with DRVN and key stakeholders, realize a draft NAMA proposal which can be used as a basis for formulating Green Climate Fund (GCF)

D. Deliverables

- (i) Publishable stocktaking and analytical assessment report on NAMAs and freight transport in Viet Nam
- (ii) Green Freight NAMAs for Viet Nam
- (iii) One policy brief
- (iv) One consultation workshop

E. Timeframe

June – September 2017