



Sustainable Urban Transport Indonesia – Nationally Appropriate Mitigation Action (SUTRI NAMA)

To accelerate the reduction of greenhouse gas emissions in the Indonesian transport sector through the establishment of a national subsidy scheme for cities and transport operators, which promotes the investment in sustainable urban transport infrastructure.

Background

In 2009, the Government of Indonesia committed to a 26% greenhouse gas reduction by 2020 from 'business as usual' baseline levels, and to 41% with international support. Transport is the third largest source of energy-related CO₂ emissions in Indonesia (23%; equivalent to 68 MtCO₂-eq in 2005). Due to strong urbanisation and motorisation trends, transport has become a significant challenge for cities in Indonesia. Its car-oriented development is exacerbating air pollution, creating massive congestion and decreasing the quality of life. However, most cities have lack capacity, policy guidance and access to sufficient financial resources to develop sustainable urban transport systems.

Objective

SUTRI NAMA as registered with the UNFCCC aims to tackle this challenge by transforming urban transport in Indonesia with a mix of capacity-building and investment measures provided through a national sustainable urban transport programme.

The pilot phase of SUTRI NAMA will be implemented with support from the NAMA Facility provided through GIZ as the delivery organisation. GIZ will transfer the support to the Indonesian Government with instruments of technical and financial assistance, for which 14 million Euros are foreseen.

Approach

The Sustainable Urban Transport Programme (SUTRI NAMA) addresses urban transport with specific focus on passenger transport. The following measures and technologies of urban transport are foreseen:

- Public transport system improvements (system reform, network, management, operation)
- Investment in energy efficient vehicles (buses)
- Investment in infrastructure (e.g. bus stops, pedestrian infrastructure, parking meters)
- Integrated planning, parking management, informal bus-system / private vehicle regulation

On behalf of:



Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety



Department of Energy & Climate Change

Commissioned by:

NAMA FACILITY; project funded by:

- German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB)
- Department of Energy and Climate Change of Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland (DECC)

Lead Agency:

- Ministry of Transport
- Ministry of National Development Planning (BAPPENAS)

Overall term:

January 2015 - December 2019

Expected Results

SUTRI NAMA's centrepiece is the establishment of a national sustainable urban transport programme. The program includes:

- (1) The establishment of a Technical Support Unit at national level that will provide technical guidance and capacity development for local governments.
- (2) The development of an effective funding mechanism to co-finance the implementation of public transport and transport demand management projects.
- (3) In seven pilot cities, the program will develop a project pipeline of eligible demonstration projects.
- (4) The co-finance of the implementation of demonstration projects in up to five cities (e.g. bus fleet investment, improvement of public transport corridors, parking management and pedestrian programmes); the direct emission reductions delivered by these demonstration projects shall amount to up to 0.7-1.8 MtCO₂ per year in 2030 through reduced fuel consumption per inhabitant in five pilot cities.
- (5) In order to monitor and increase transparency of the achieved impacts, the program will establish an MRV system that initiates systematic monitoring of urban transport development which is urgently needed for effective decision-making.

Pilot Cities

The first phase of SUTRI NAMA will cover co-finance of infrastructure projects in following pilot cities: Batam, Bogor, Manado, Medan, Palembang, Solo, and Yogyakarta.

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