



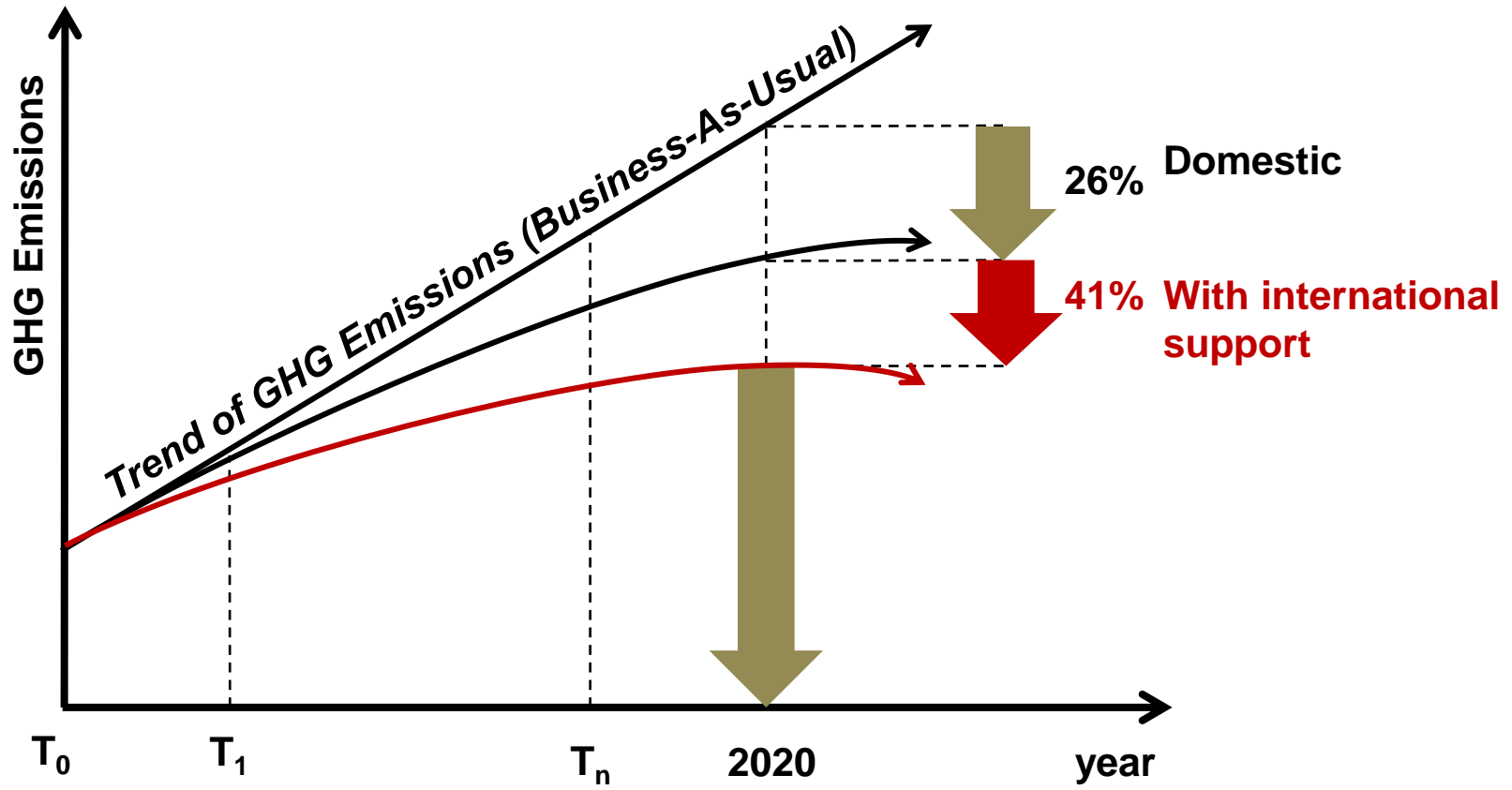
Sustainable Urban Transport Initiative

**Pilot Supported Nationally Appropriate
Mitigation Action (NAMA) in Indonesia**

**Regional workshop on promoting international collaboration
to facilitate preparation, submission and implementation of NAMAs**



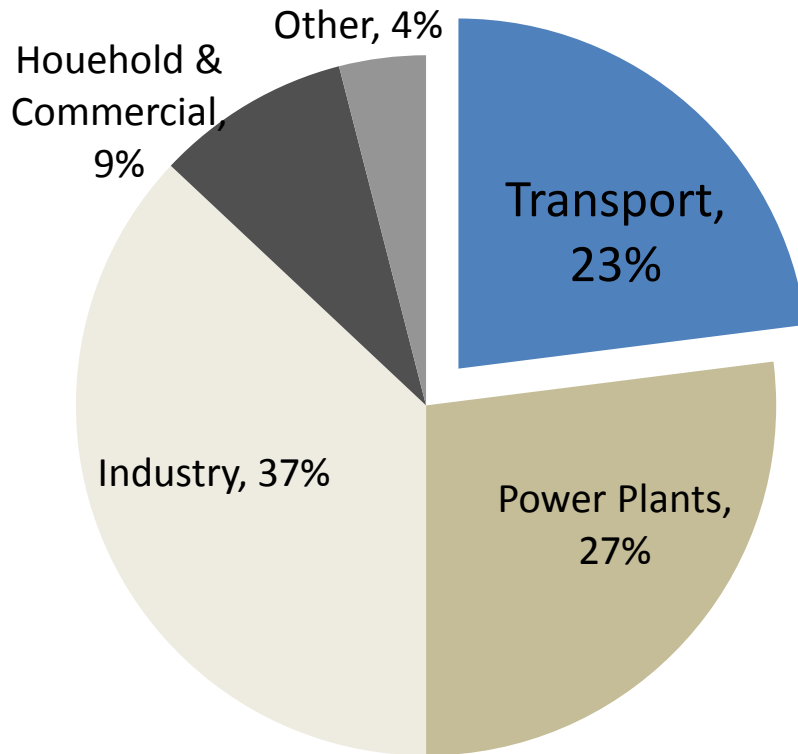
Indonesia's CO₂ Emission Reduction Targets



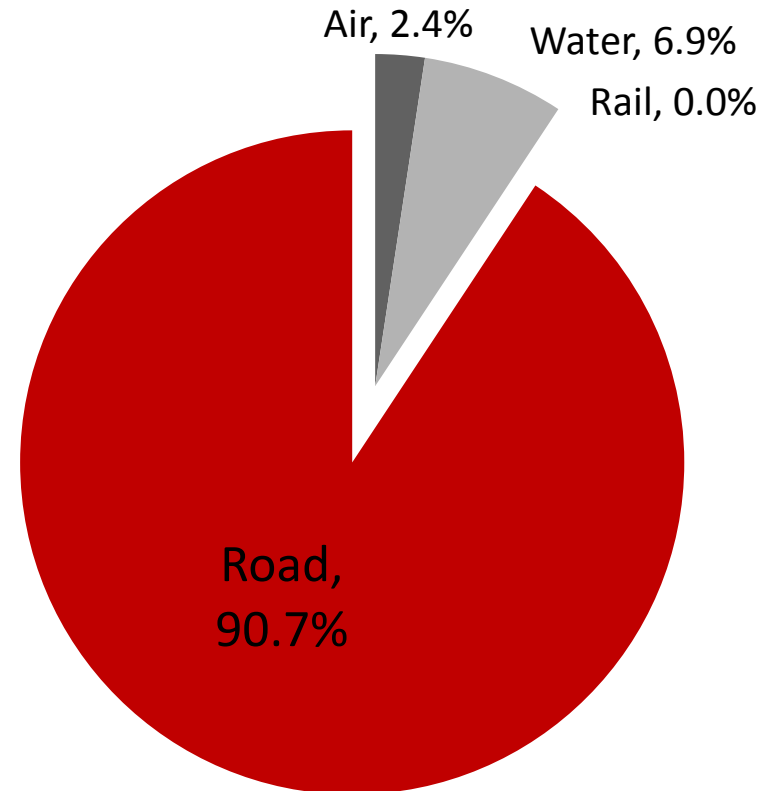


Emissions in the Transport Sector

CO₂ Emissions from Energy Sector 2005

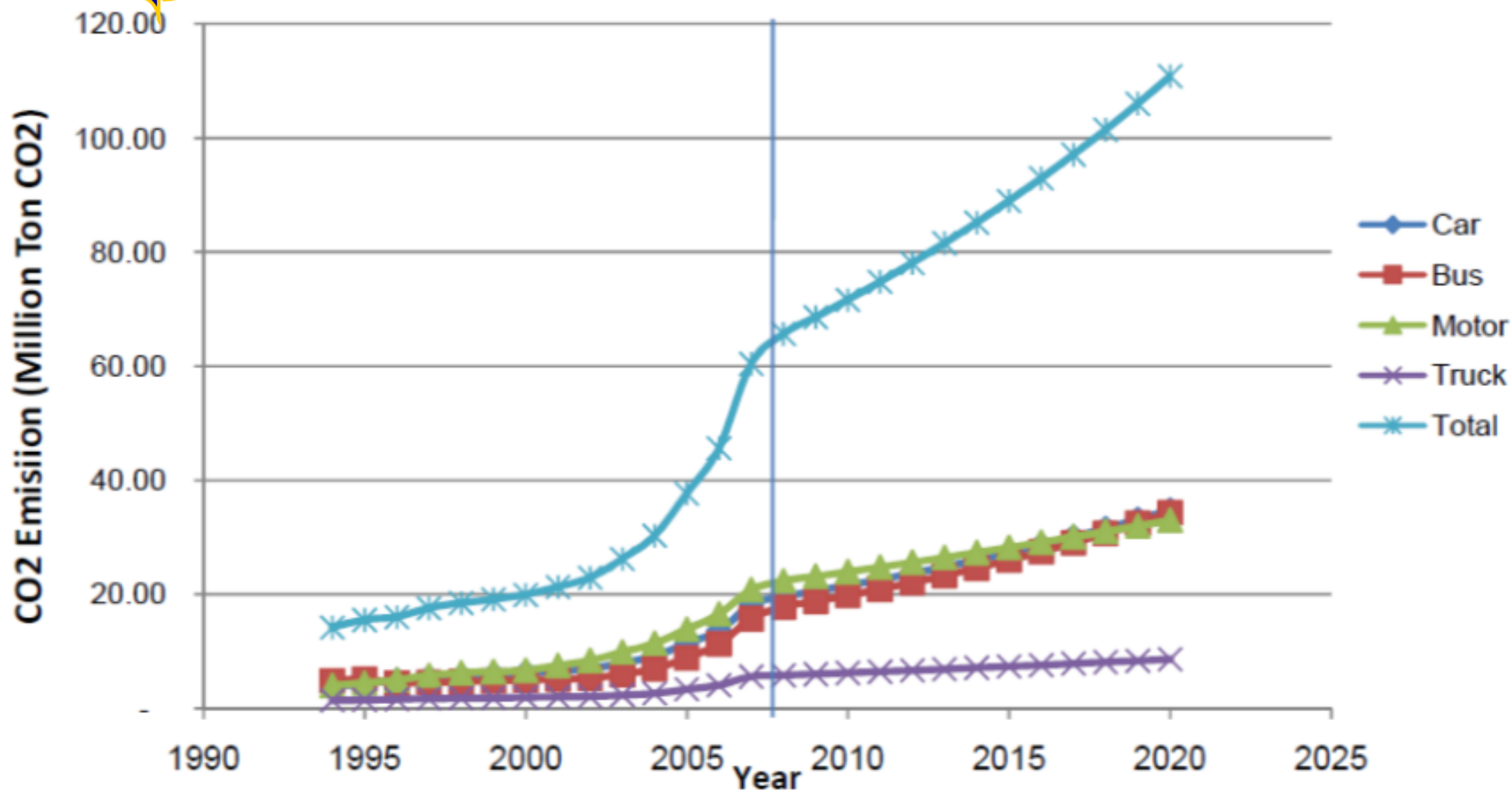


Modal Mix in terms of Energy Consumption 2005





CO₂ Emissions in Road Transport

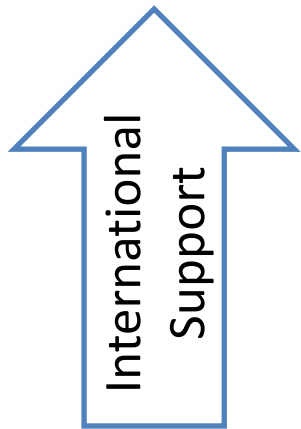
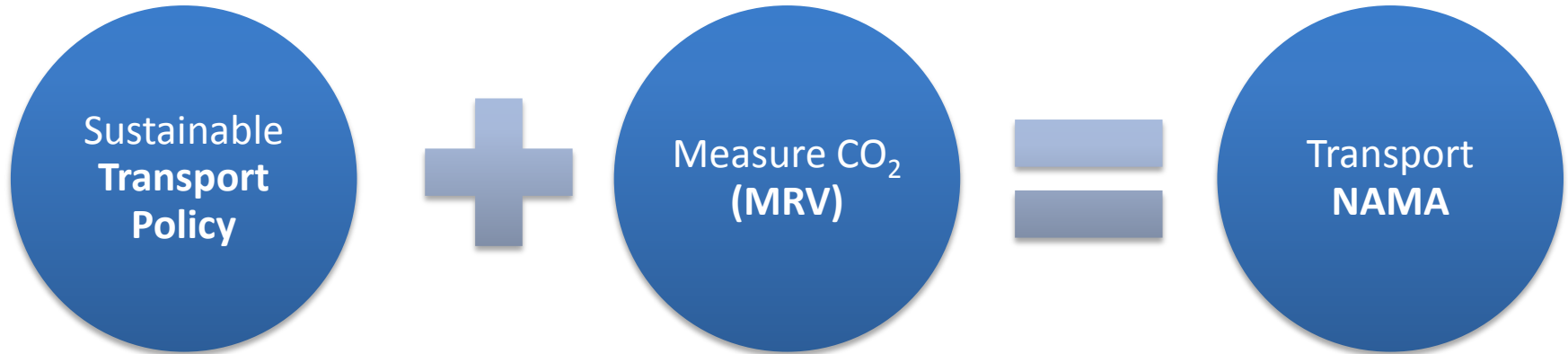


Source: Business as Usual Scenario for Road Transport Sector
MoT / BSTP, GTZ SUTIP 2010

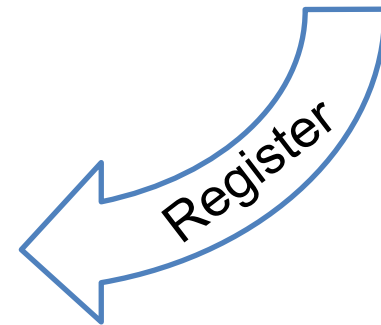
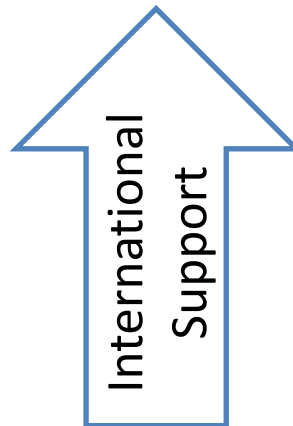


What makes a policy a NAMA?

Nationally Appropriate Mitigation Action



Developed countries
international
commitments



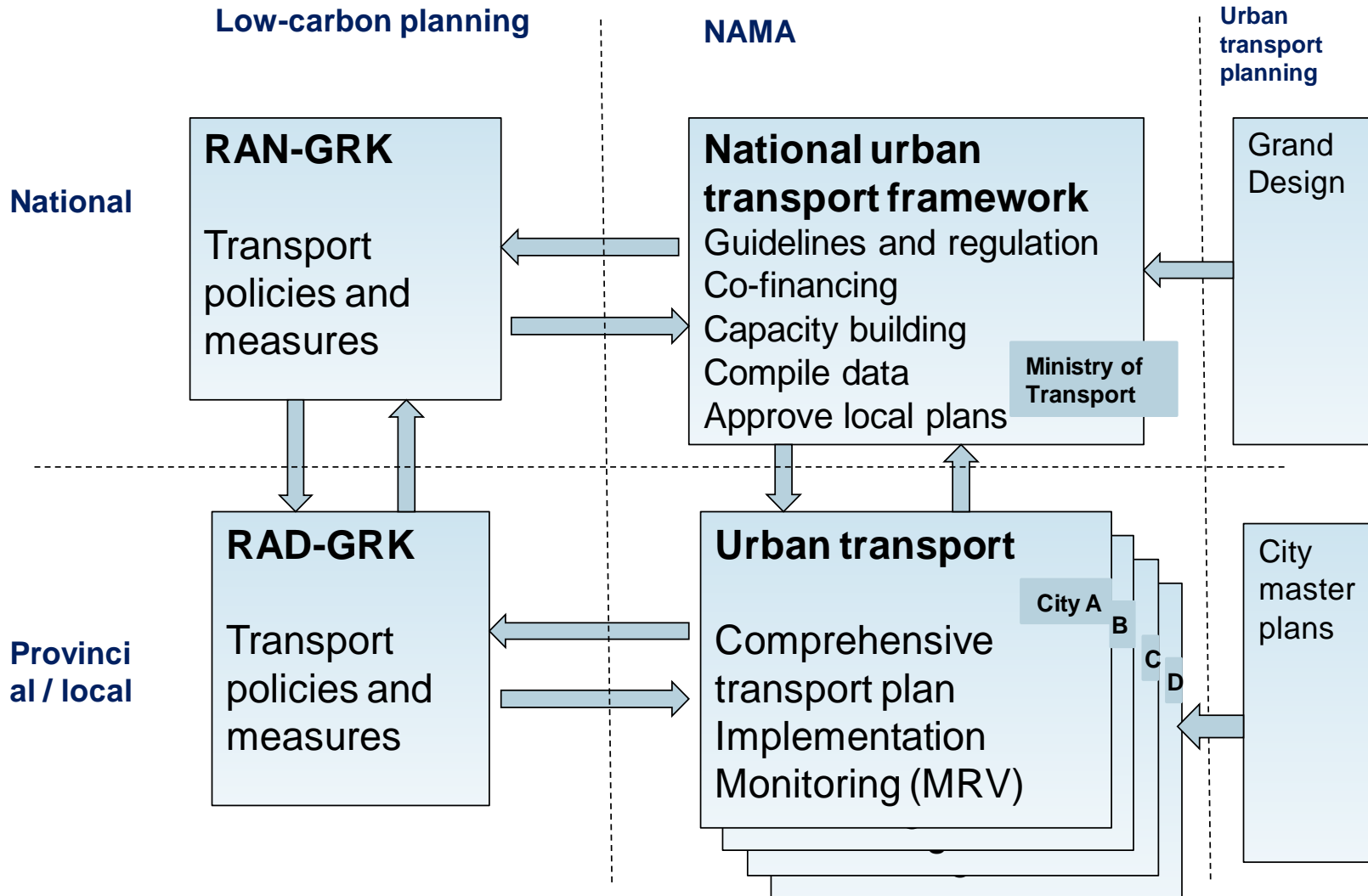


Transport Supported NAMA: Sustainable Urban Transport Initiative

- **Promotes sustainable urban transport in Indonesian Cities**
- **The pilot phase will start with the implementation of low-carbon mobility plans in three cities (Medan, Menado, Batam) as well as supporting activities on national level that aim at upscaling the policies of the pilot phase to more Indonesian cities. The NAMA covers the following activities:**
 - **At national level, development of a Policy Framework for Sustainable, Low-carbon Urban Transport**
 - **At the local or provincial level, development, implementation and MRV of Comprehensive Urban Low-carbon Mobility Plans**



Transport Supported NAMA: Sustainable Urban Transport Initiative



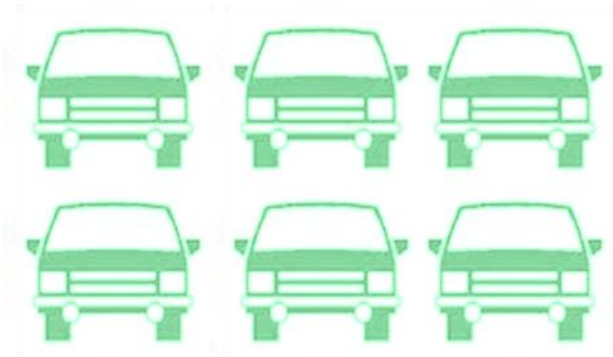


Comprehensive Approach to GHG Reduction

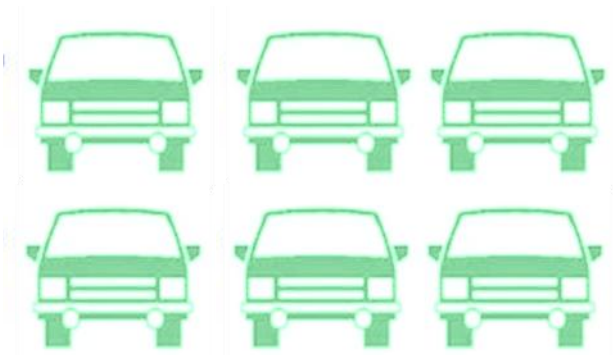
AVOID
unnecessary trips
REDUCE km



SHIFT modes

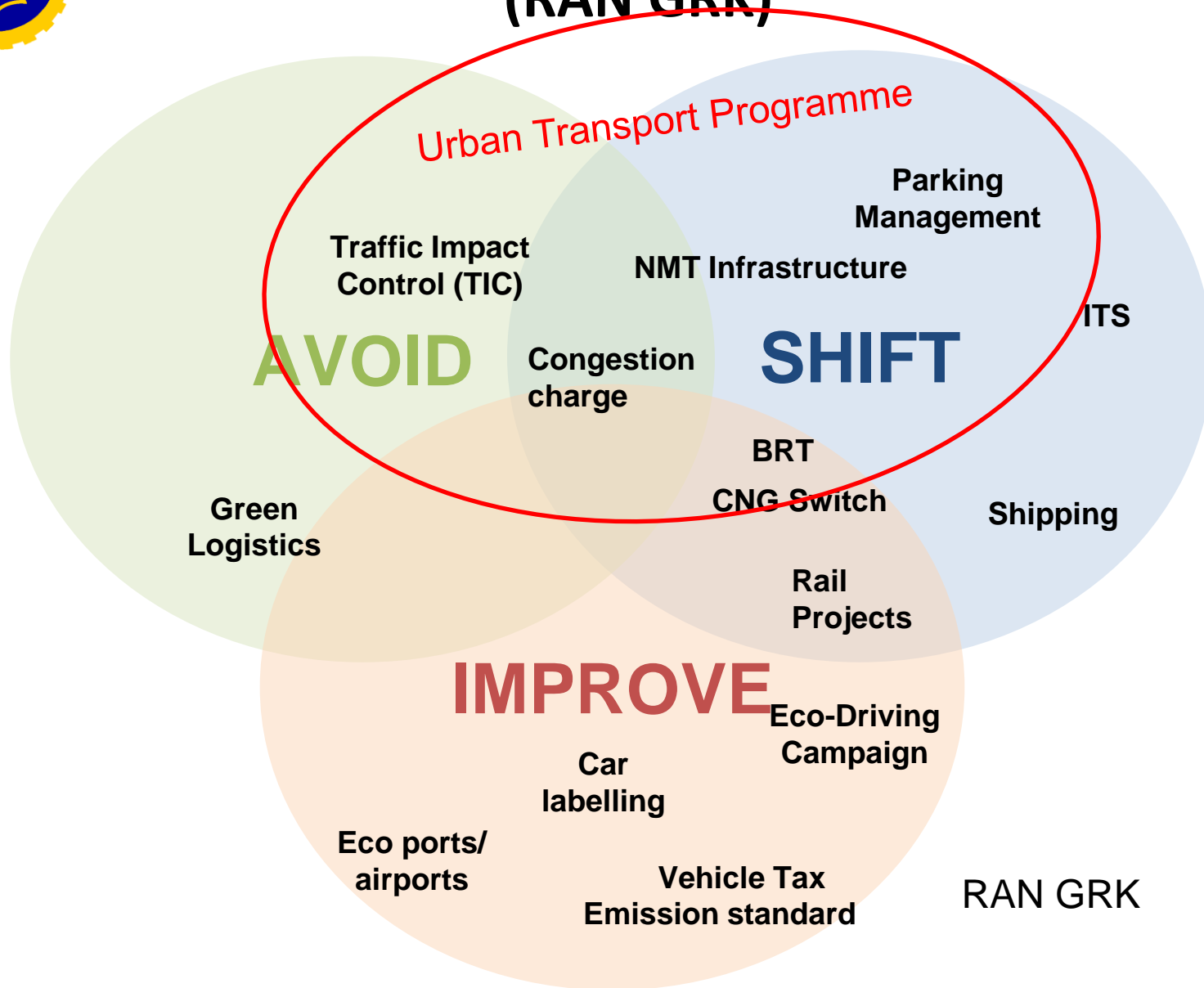


IMPROVE vehicles
low carbon fuels





Building up on Indonesias Climate Change Action Plan (RAN GRK)





Pilot Cities – Results of a first survey

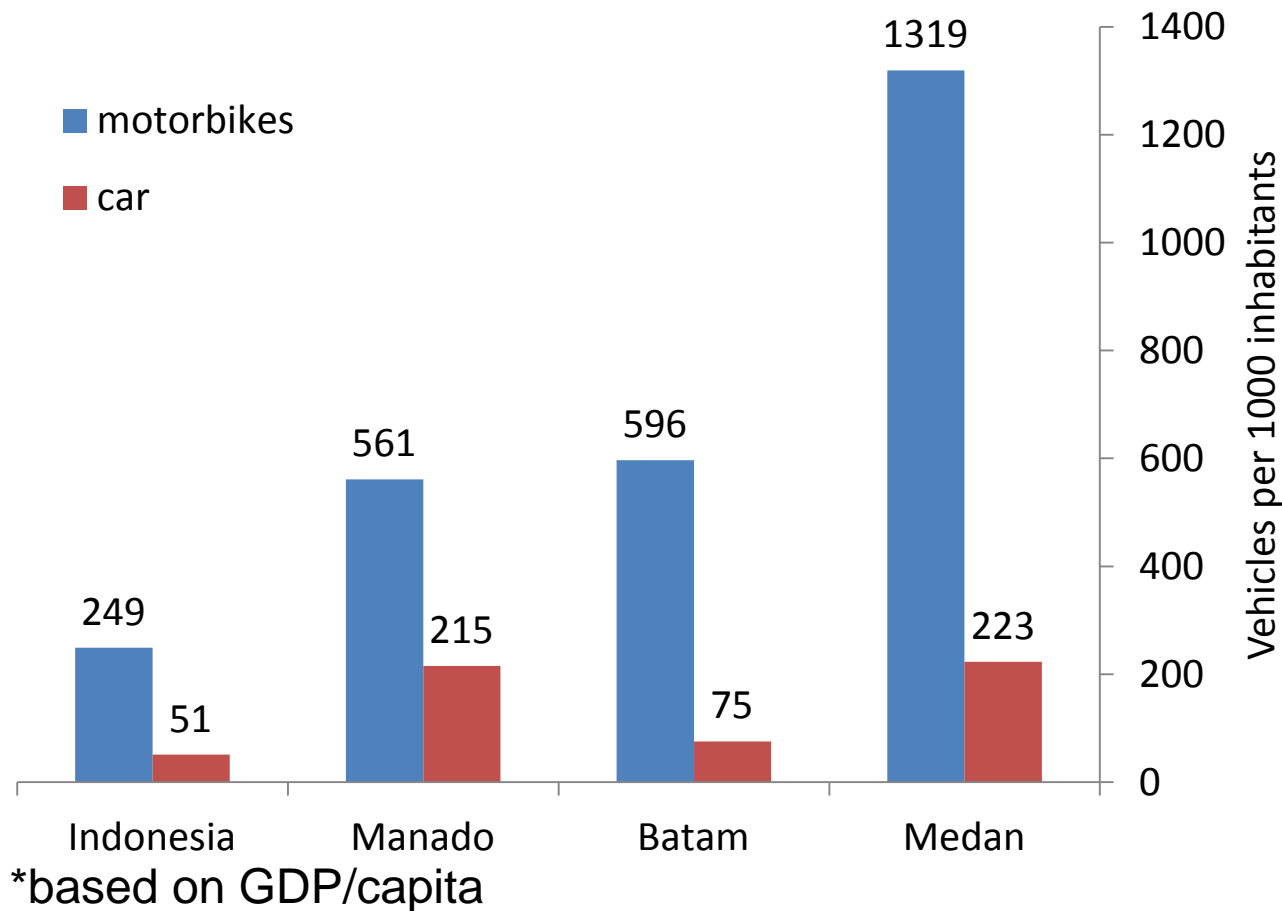
Vehicle Growth projection 2020

+57%

+137%*

+73%*

+133%*





Results of policy workshop

(Jan 2013, Jakarta)

	Medan	Batam	Manado
Transport Demand Management	X	X	X
Public Transport	X	X	X
Non Motorized Transport	X	X	X
Vehicle Efficiency Standards		X	X
Traffic Management	X		X
Campaign	X		



Next Steps towards implementation



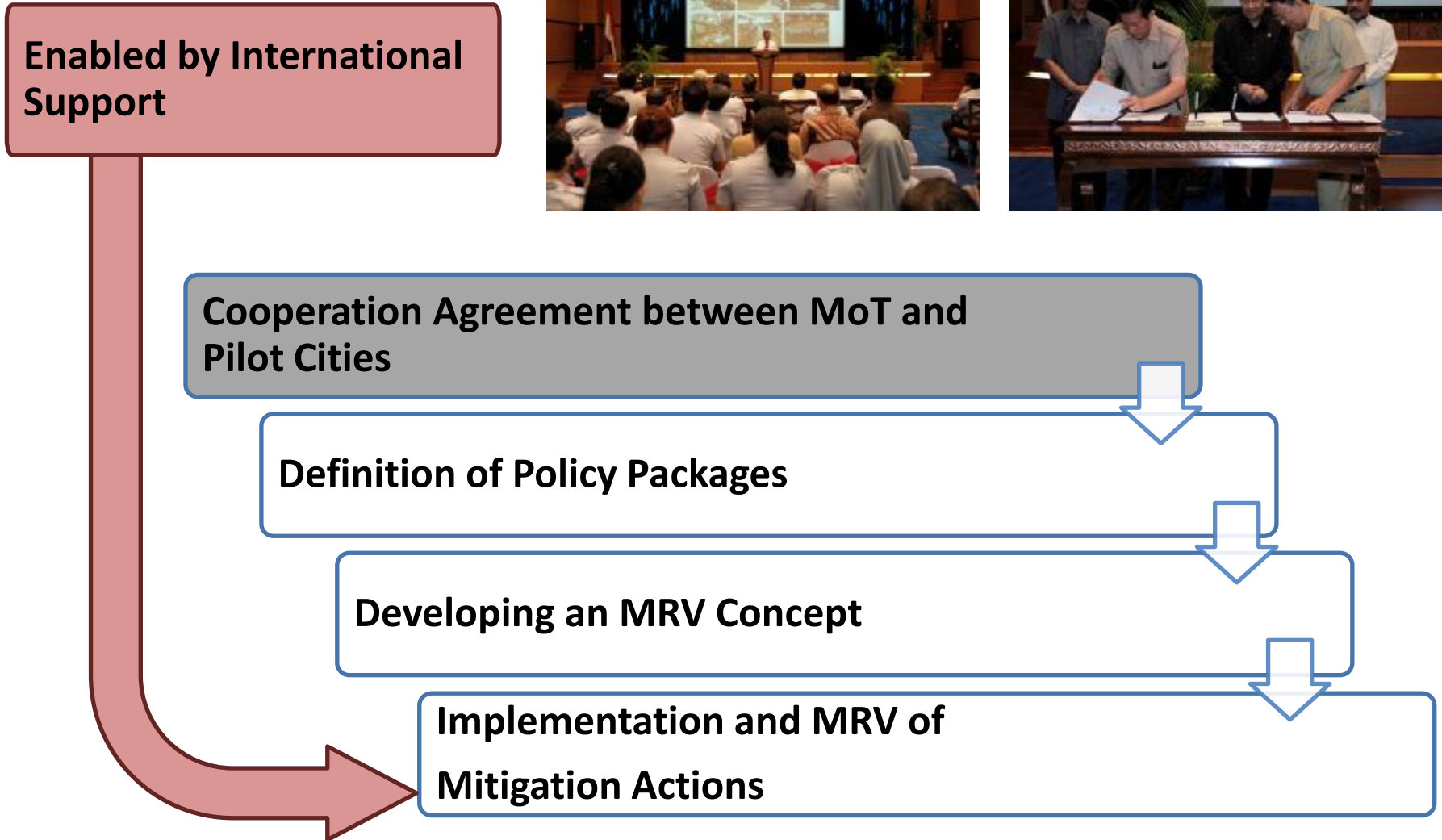
Enabled by International Support

Cooperation Agreement between MoT and Pilot Cities

Definition of Policy Packages

Developing an MRV Concept

Implementation and MRV of Mitigation Actions





Key messages

NAMAs: **Instrument** to access climate finance for the **mitigation of greenhouse gas emissions**.

International Support will be available in terms of **Finance, Capacity Development, Technology Transfer**.

The Sustainable Urban Transport Programme Indonesia (NAMA SUTRI) builds up on existing transport and climate change action plans.

SUTRI covers...

- **supporting activities on national level,**
- **implementation & MRV of sustainable transport measures in cities.**

International Support is required in **three pilot cities**: Medan, Batam, Manado

After successful pilot phase **additional cities** can become part of NAMA SUTRI





Terima kasih!



Local Level Policy Packages

Area of Activity	Basic Package Minimum requirements	Advanced Package Standard approaches	Deluxe Package Premium low carbon approaches
1. Make roads people friendly	<ul style="list-style-type: none"> • side walks • reduce barriers • speed limits • bicycle lanes 	<ul style="list-style-type: none"> • pedestrian and bicycle short cuts • Diverse street environment • Trees along roads • Separated networks for bicycles and pedestrians 	<ul style="list-style-type: none"> • Public bicycle scheme • Shared space concepts
2. Manage parking demand	<ul style="list-style-type: none"> • Prohibit side walk parking 	<ul style="list-style-type: none"> • maximum requirements for parking places for cars • minimum requirements for parking spaces for bicycles • Pricing for existing parking places 	<ul style="list-style-type: none"> • Reduce/limit number of parking spaces in urban areas • Zero parking in new developments

Local Level Policy Packages

Area of Activity	Basic Package Minimum requirements	Advanced Package Standard approaches	Deluxe Package Premium low carbon approaches
3. Move to high quality public transit	<ul style="list-style-type: none"> • public transit clean and convenient • Increase speed through priority signaling 	<ul style="list-style-type: none"> • Integrated ticketing / fares • Information / marketing • Green procurement of vehicles • Bus-only lanes along high-density areas • High quality interchange • Level boarding, and off-bus/metro fare collection to speed up transit 	<ul style="list-style-type: none"> • Comprehensive bus rapid transit system • Urban rail network • Full integration of PT and NMT • Full integration with land-use
4. Provide inclusive information	<ul style="list-style-type: none"> • Information campaigns 	<ul style="list-style-type: none"> • Cooperation with companies • Car-sharing • Bike-sharing • Car free days 	<ul style="list-style-type: none"> • Travel information (Web 2.0)
5. Reap the benefits of technological advancement	<ul style="list-style-type: none"> • clean fuels and vehicles 	<ul style="list-style-type: none"> • ITS • Green procurement • Prioritization of PT and NMT 	

Local Level Policy Packages

Area of Activity	Basic Package Minimum requirements	Advanced Package Standard approaches	Deluxe Package Premium low carbon approaches
6. Change the role of cars	<ul style="list-style-type: none"> • Speed limits • Physical car restrictions 	<ul style="list-style-type: none"> • Reduce investments for motorized traffic • Low emission zones • ITS 	<ul style="list-style-type: none"> • Limitation of access to city centers • Congestion charge • Advanced city toll
7. Reinvent mixed-used, high density cities	<ul style="list-style-type: none"> • Mixed land use 	<ul style="list-style-type: none"> • Land use regulation • TOD • Green belts 	<ul style="list-style-type: none"> • Advanced integration of land-use and transport into planning • Accessibility of public transit
8. Create/ Live in urban spaces	<ul style="list-style-type: none"> • Wide side-walks • Pedestrian areas 	<ul style="list-style-type: none"> • Urban greening • Diversity • Small public places 	<ul style="list-style-type: none"> • Adapted architecture

