



GREATER MEKONG
SUBREGION
**CORE ENVIRONMENT
PROGRAM**



GMS Green Freight Initiative

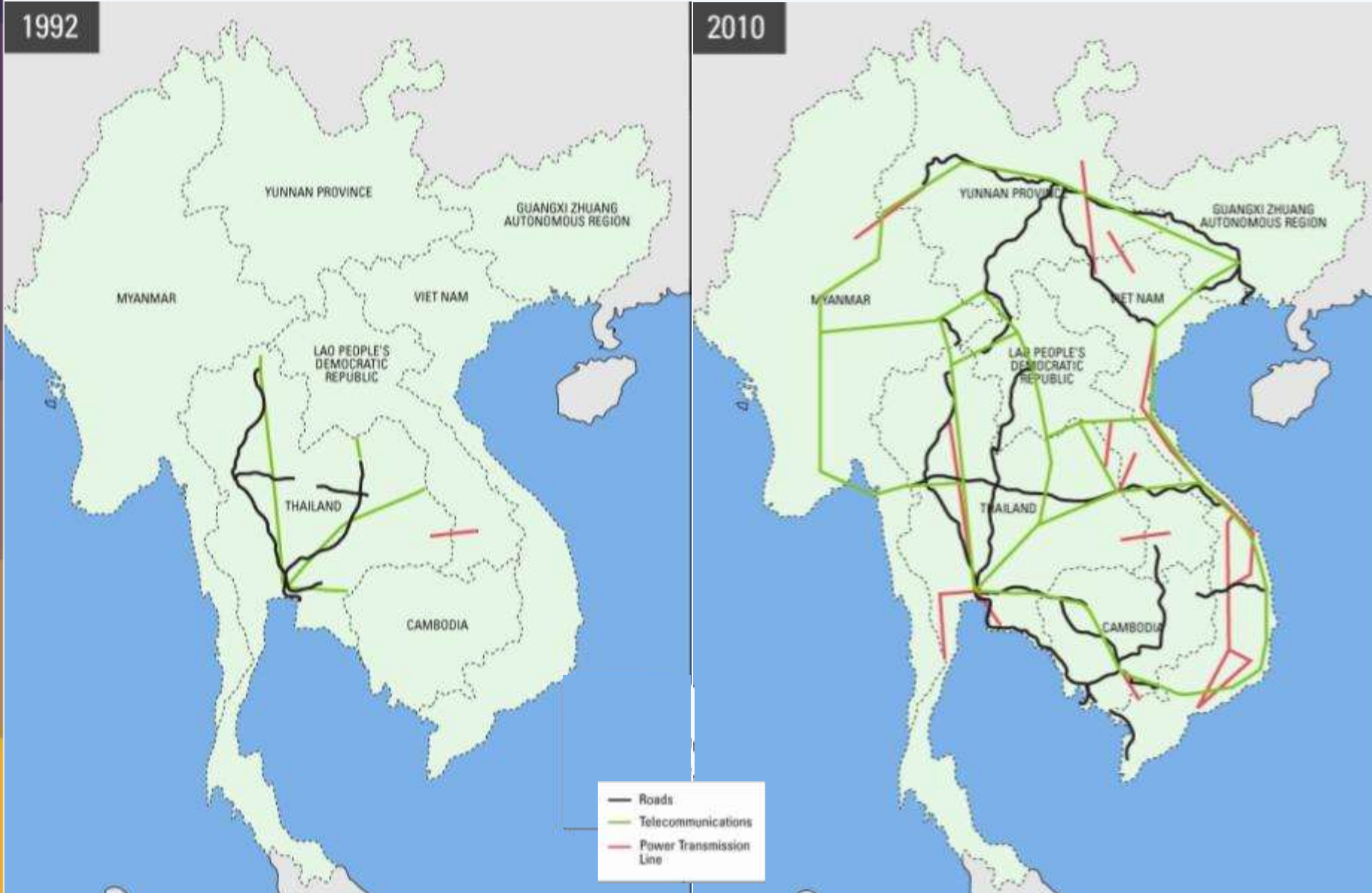
Sumit Pokhrel
Deputy Technical Program Head
GMS Environment Operations Center

Transport investment in the GMS



ADB

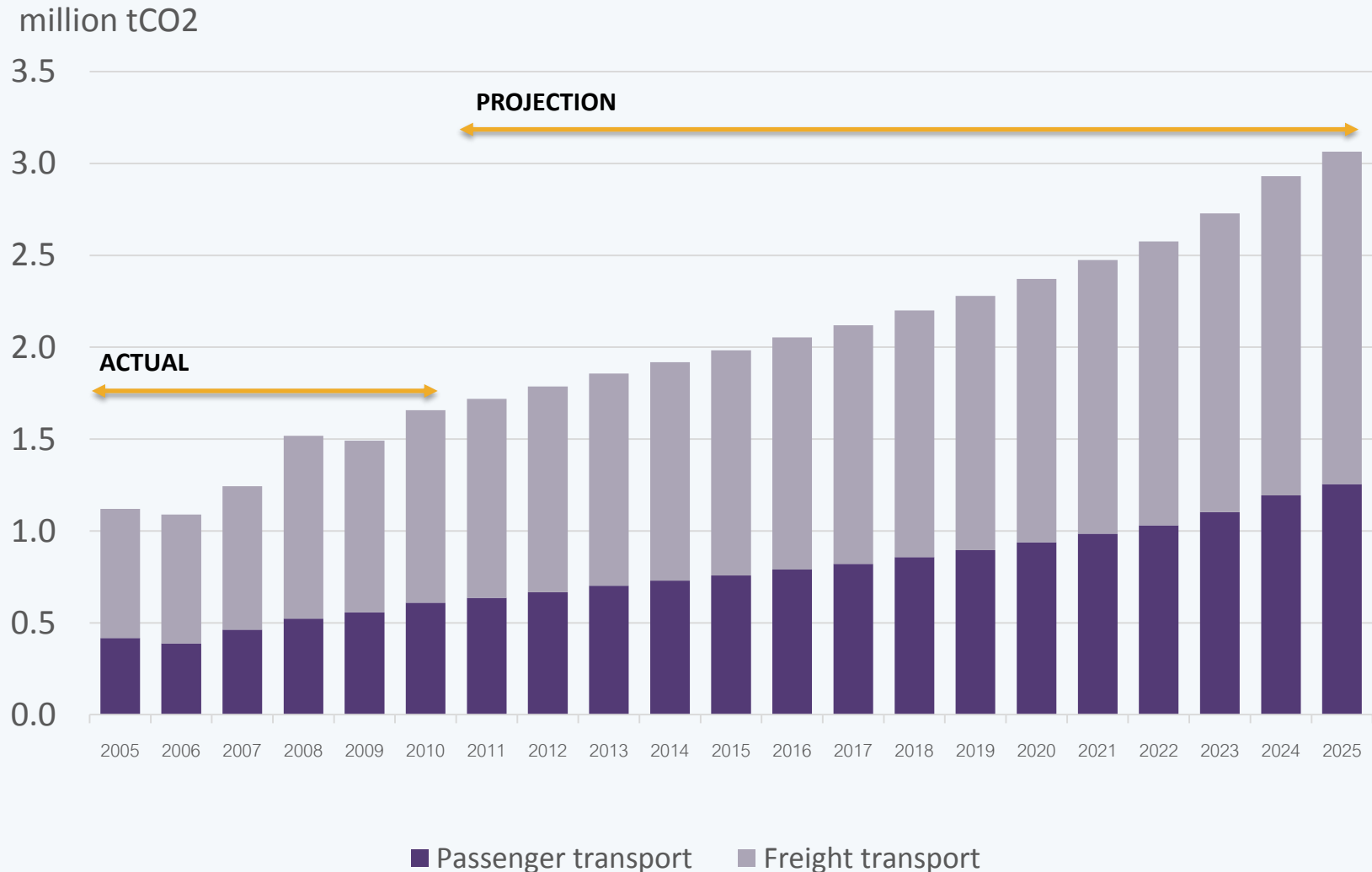
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Increased emissions from traffic



Business as usual CO2 emissions from EWEC

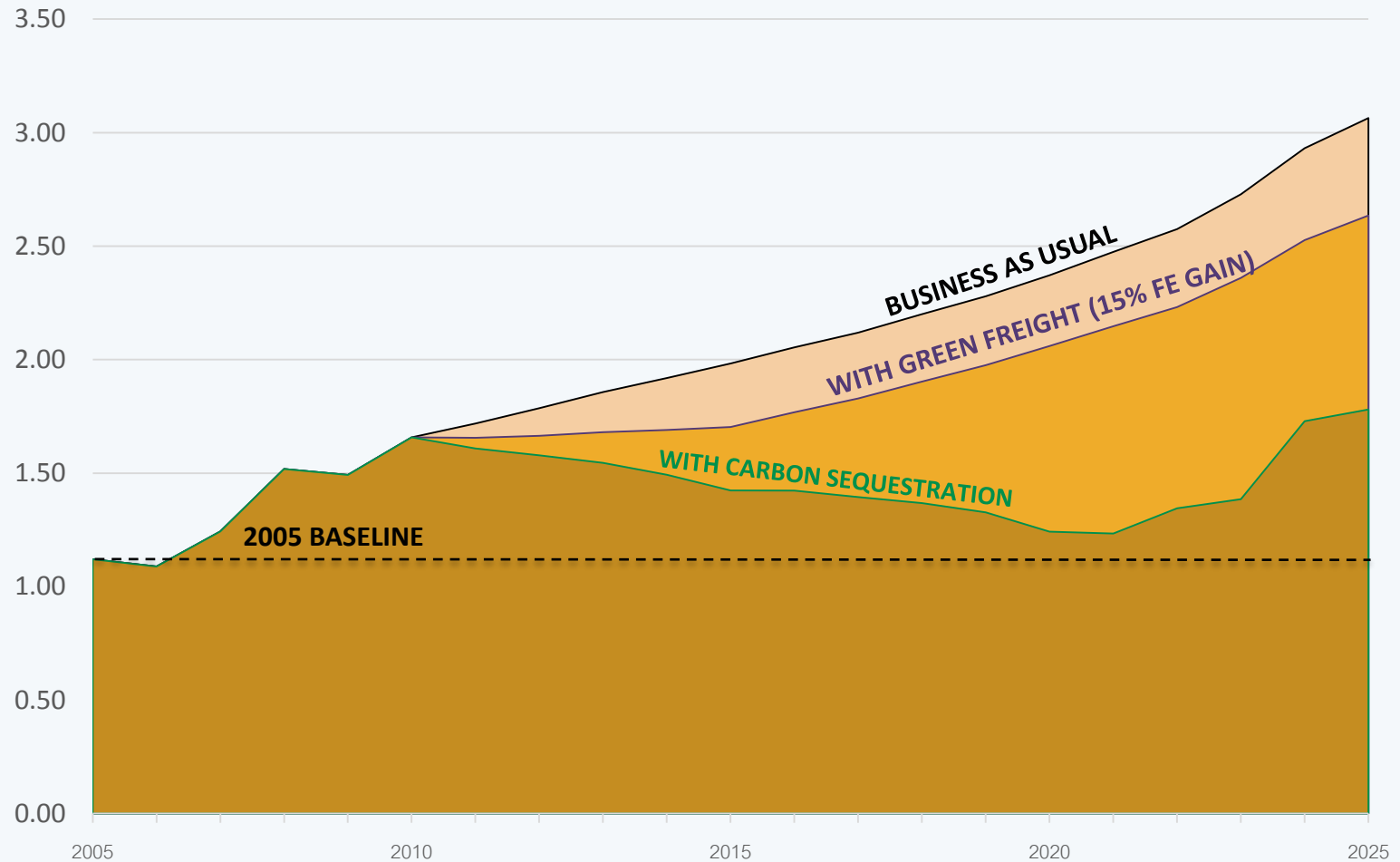


'Carbon Neutral' corridors?



GHG emissions from the East West Economic Corridor - BAU, Low carbon freight and forestry scenarios

Million tCO₂



Green freight offers a 'low hanging fruit'



- Helps maximize the return on transport investments
- Contributes to logistics efficiency and economic development
- Support energy security initiatives



CEP's support on green freight

Improving tools, capacity
building and knowledge on green
freight

- Highlighting and identifying national and regional priorities
 - ADB-GIZ Workshop on Efficient Logistics, Singapore (2014)
- Developing tools to support countries and engage private sector:
 - Green Trucks Toolkit (in collaboration with Clean Air Asia)
- Capacity building

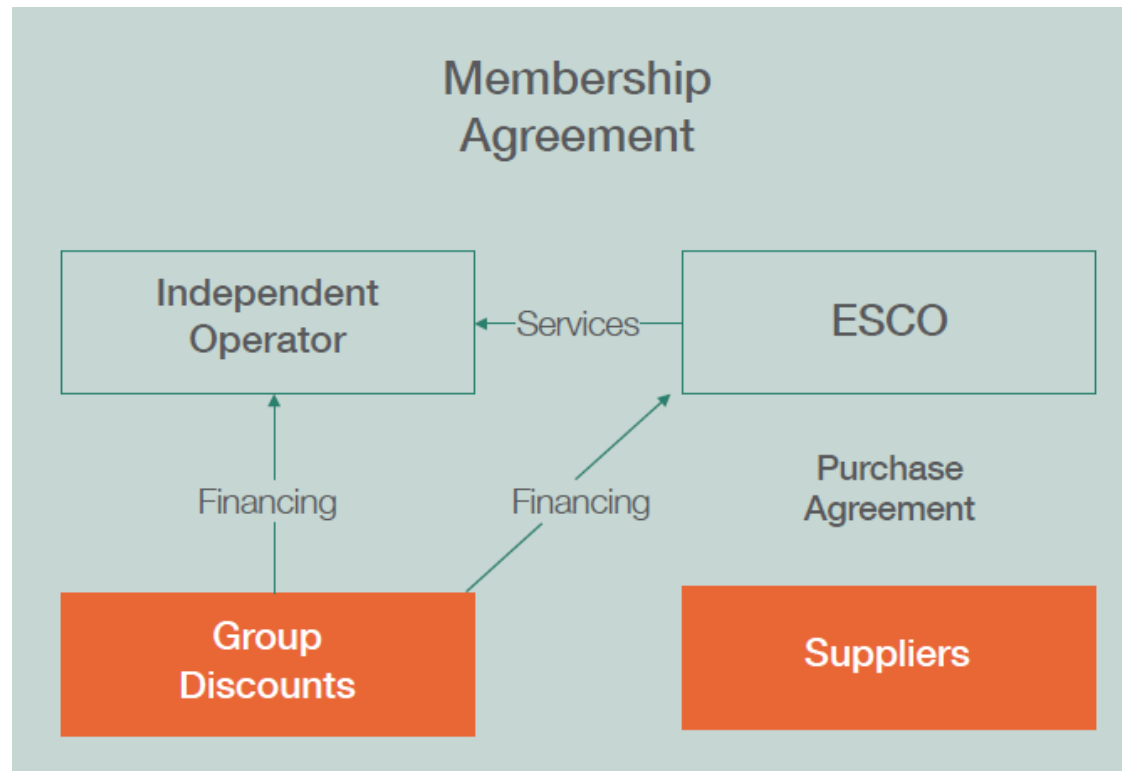
Country assessments

- Background sector studies for Lao PDR, Thailand, Viet Nam and Cambodia
 - Cambodia study report now available:
www.gms-eoc.org/resources/gms-green-freight

Financing solutions



- SME financing background study and potential models for green freight (e.g. ESCO)



- Feasibility study to develop freight NAMA in the GMS (to begin in 2015)



CEP's support on green freight

Piloting and demonstrating 'viable'
solutions to improve freight
efficiency

GMS Green Freight Initiative



ADB

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- **Aim:** To reduce GHGs from freight transport
- **Outcome:** Successful testing of approaches to deploy fuel efficiency interventions in road freight companies
- **Scope:** GMS corridor provinces (EWEC)



Improving driver behavior and vehicle maintenance



Promoting green technologies through low cost financing



Improving logistics management and fleet utilization



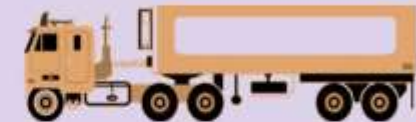
Phase 1: Pilot projects in Lao PDR, Thailand and Viet Nam

SCOPE: Green technologies for trucks, Eco-driver training, logistics management software

75
TRUCKS

TIMELINE:

2014 to 2016



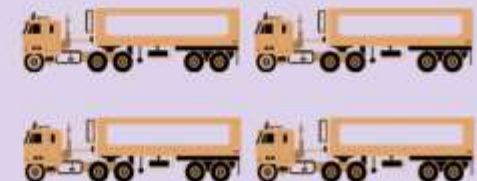
Phase 2 (proposed): Regional investment project in Lao PDR & Viet Nam

SCOPE: Financing:
- Logistics ESCO
- Green freight fund

800
TRUCKS

TIMELINE:

2016 to 2020





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Thank you

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