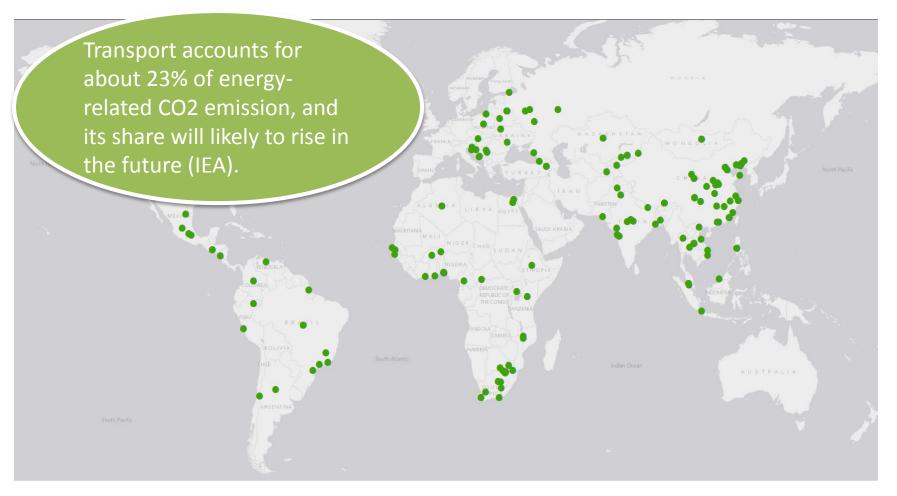


# **Transport** The GEF Experiences

Bonn, 23 May 2016

**Global Environment Facility** 

#### **Global Distribution of GEF Transport Projects**



- GEF support for transport project started in 1997;
- 78 projects in over 120 cities and 60 countries;

\$480 million committed, with \$6.7 billion leveraged in co-financing.

VESTING IN OUR PLANET

## **GEF Transportation projects**

GEF Replenishment	Projects	GEF financing (\$)	Co-financing (\$)
GEF-4 (2006 - 2010)	National: 17, Regional:2	110 million	1.6 billion
GEF-5 (2010 - 2014)	National: 25, Regional: 1, Global: 3	111 million	2.3 billion
GEF-6 (2014, 2015)	National: 5 Regional:1 Global: 1	183 million	2.0 billion

- GEF transport portfolio covers all transport modes: road, rail, aviation, maritime, biking and walking.
- GEF transport portfolio is designed to support the "avoid, shift, improve" transport strategy.



## **Turn Mitigation Potential to Action**

- Path dependency of transport and lock-in effect should be addressed, and making infrastructure investments sustainable is needed for low-carbon and resilient world.
- GEF will put more emphasis on "avoid", which is to integrate transport planning with land use to avoid the needs for motorized transport.
- Innovative business models can make a difference, and private sector engagement should be enhanced by addressing policy and strategy gaps.



### **Public Transport**

- 2009 Lagos Urban Transport project 2 (Nigeria), World Bank Strategic implementation plan for mass transport, travel demand model, BRT
- 2011 ASTUD Asian Sustainable Transport and Urban Development Program (PROGRAM), ADB "Avoid, shift, improve" activities in three countries.

 2012 – Efficient & Sustainable City Bus Services (India), World Bank Policy recommendations for sustainable city bus transportation, bus fuel

efficiency demonstration, financial planning
2014 – Sustainable Urban Mobility Program for San Jose (Costa)

*Rica),* IDB

Integration of guidelines for public transport, multi-modal integration pilot, travel demand management policy, improved land-use planning, clean vehicle technologies, vehicle monitoring



### **Energy Efficiency of Vehicles**

 2012 – Stabilizing GHG Emissions from Road Transport Through Doubling of Global Vehicle Fuel Economy: Regional Implementation of the Global Fuel Economy Initiative (GFEI), UNEP

National fuel economy policies and automotive baseline (vehicle fleet, fuel economy, CO2 emission, etc.) in participating 20 countries

• 2013 – Green Technology Application for the Development of Low Carbon Cities (Malaysia), UNDP

Design and planning of integrated urban system, Electric Vehicle Master Plan, BRT, city-level NAMA, financing mechanism

- 2014 Improving Mobility In Parakou (Benin), AfDB Inspection & maintenance program of motorbike, Intelligen Transport System, segregated lanes, certification program
- 2014 Energy Efficient Low-Carbon Transport in South Africa, UNIDO Policies, standards, incentives etc. for local manufacturing of EVs and related infrastructures, NMT, PV-based charging stations



#### **The Global Environment Facility**

1818 H Street, NW, Mail Stop N8-800, Washington, DC 20433 USA www.thegef.org / secretariat@thegef.org



## Logistics

 2013 – Mainstreaming Climate Change in the National Logistics Strategy and Roll-Out of Integrated Logistics Platforms (Morocco), UNDP

Low-carbon regulatory framework, GHG inventory and MRV system, NAMA designed (compliance Euro 4, eco-driving etc.)

 2014 – Greening the Logistics Industry in Zhejiang Province (China), UNDP

Policies and standards, green logistic system

• 2015 – Green Logistics Program, EBRD

Structured finance, framework to calculate emission reduction, curriculum in green logistics for the Black Sea and Mediterranean regions.



### **Aviation and Maritime Transportation**

• 2014 - Transforming the global aviation sector: emission reduction from International Aviation, UNDP

Guidelines and policy recommendations, pilot/demonstration of emission reduction measures

• 2015 - Transforming the Global Maritime Transport Industry toward a Low Carbon Future through Improved Energy Efficiency (GloMEEP), UNDP

Global tools and guidance for policy development, Maritime Energy Efficiency Framework, Global Industry Alliance for Maritime Energy Efficiency Framework



## Adaptation

 2013 - Strengthening Community resilience to Climate – induced disaster in the Dili to Ainaro Road Development Corridor, Timor-Leste, UNDP

National policies and institutions extended to address climate change and disaster risk, community-based adaptation measures to reduce the vulnerability of road infrastructure

• 2013 - Strengthening climate resilience of infrastructure in coastal areas in Togo, AfDB

Coastal protection infrastructure (breakwater infrastructure and gabion walls) to protect coastal road section, early warning system

