



## **Shifting to sustainable transport systems: The LEDs GP Transport Working Group in 2018**

### Speakers

- Angela Enriquez, Associate, *World Resources Institute Ross Center for Sustainable Cities* and Transport Working Group lead
- Laura Camila Cruz, *Sustentar*
- Avantika Arjuna, *ICLEI South Asia*



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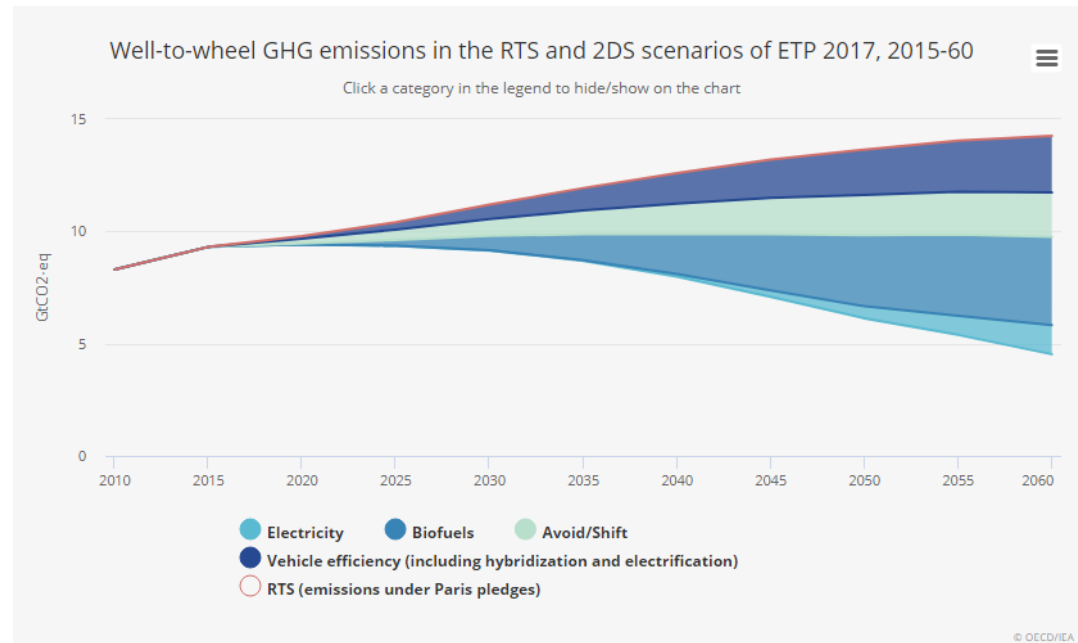
# Agenda

- Welcome remarks
- Introduction and overview of LEDS GP
  - **Angela Enriquez, Transport Working Group**
- Transport Working Group's 2018 activities in Latin America and the Caribbean
  - **Laura Camila Cruz, Sustentar**
- Transport Working Group's 2018 activities in Asia
  - **Avantika Arjuna, ICLEI South Asia**
- How to use the LEDS Transport Toolkit
  - **Angela Enriquez, Transport Working Group**
- Q&A
- Poll



# Key transport facts

- 23 percent of global emissions
- 75 percent of NDCs mention transport as a mitigation source



*To meet the 2-degree scenario, targets and ambition for transport needs to increase.*

# LEDS Transport Working Group

## Leaders

- WRI Ross Center for Sustainable Cities; United States National Renewable Energy Laboratory (NREL); United Nations Environment Programme (UNEP), ICLEI, Libelula

## Global approach



- LEDS Transport Toolkit ([ledsgp.org/transportation-toolkit](http://ledsgp.org/transportation-toolkit))
- Webinars
- Global events and training

## Regional approach

- Workshops that serves the specific needs of that region
- Matchmakers for knowledge sharing

## Local approach

- Deep dive, in-country support for governments on specific transport issues and policies
  - Workshops with peer experts
  - Technical assistance
- Remote Expert Assistance on LEDS (REAL)



Factsheet  
November 2017

### Transport Working Group


Globally, the transport sector is responsible today for approximately 23% of total energy-related carbon dioxide emissions, and its emissions are increasing at a rate faster than that of any other sector. With countries and cities facing a rising need for transport services over the coming decades, governments have a unique opportunity to meet this demand and enable economic growth while minimizing greenhouse gas emissions through the implementation of comprehensive policies, behavioural change, and adoption of energy efficient technologies.

The Low Emission Development Strategies Global Partnership (LEDS GP) Transport Working Group is building a LEDS transport community, supporting champions and innovators, creating networks of experts on low emission transport, and exploring opportunities for collaboration at local and regional levels.

#### Priority areas:

The Working Group focuses on supporting subnational integration and implementation of urban transport in LEDS and Nationally Determined Contributions (NDCs), particularly through:

- **Communities of practice:** Bringing together key stakeholders to advance specific transport measures. Communities of practice in Asia and Latin America and the Caribbean work on topics such as energy efficiency, fuel economy standards, electrification of the transport sector, and national and subnational action on transport-related NDCs.
- **Disseminating key resources:** Sharing best practices, case studies, and tools to support countries in advancing planning and implementation of measures in the transport sector. The LEDS Transport Toolkit supports development planners, technical experts, and decision-makers at national and local levels to plan and implement low emission transport systems that support economic growth - click here to find out more.
- **Providing technical assistance:** Using the Transport Working Group's expert members to assist developing country governments in developing sustainable transport systems.



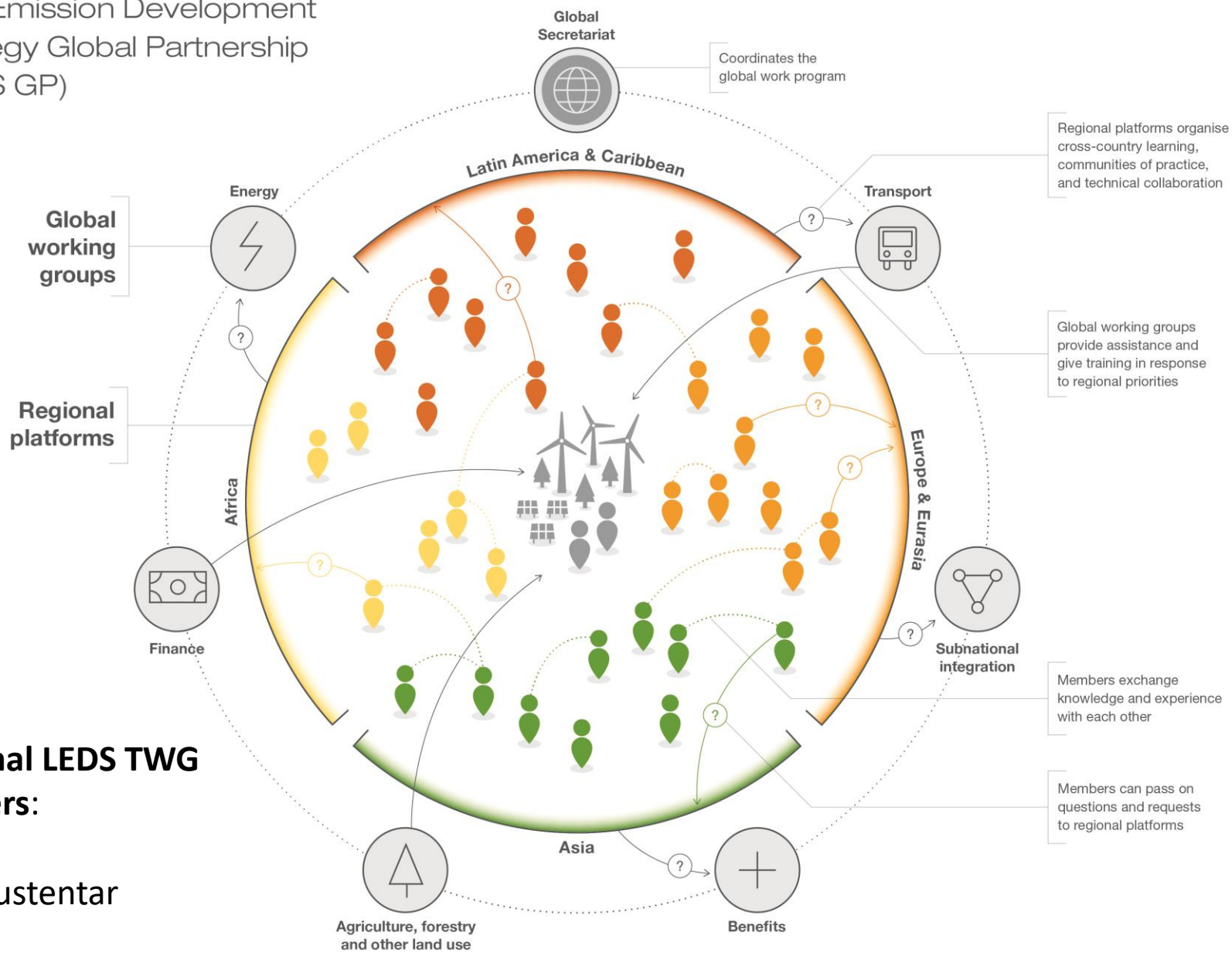
The Working Group has the participation of over 500 members, drawn from the LEDS GP membership across the Asia, Africa, and Latin America and the Caribbean Regional Platforms.

The Transport Working Group provides technical assistance, tools, and training on strategies that support low emission development in transport systems. Activities such as peer-to-peer learning, case studies, and technical assistance are tailored to ensure governments have the capacity to move from commonality of problems to sustainable solutions.

The Low Emission Development Strategies Global Partnership (LEDS GP) was founded in 2011 to enhance coordination, information exchange, and cooperation among countries and international programs working to advance low emission, climate resilient growth. LEDS GP currently brings together LEDS leaders and practitioners from more than 350 institutions across 118 countries through innovative peer learning and collaboration forums and networks. For the full list of participants and more information on partnership activities see: [www.ledsgp.org/](http://www.ledsgp.org/) | Email: [secretariat@ledsgp.org](mailto:secretariat@ledsgp.org)



# Low Emission Development Strategy Global Partnership (LEDS GP)

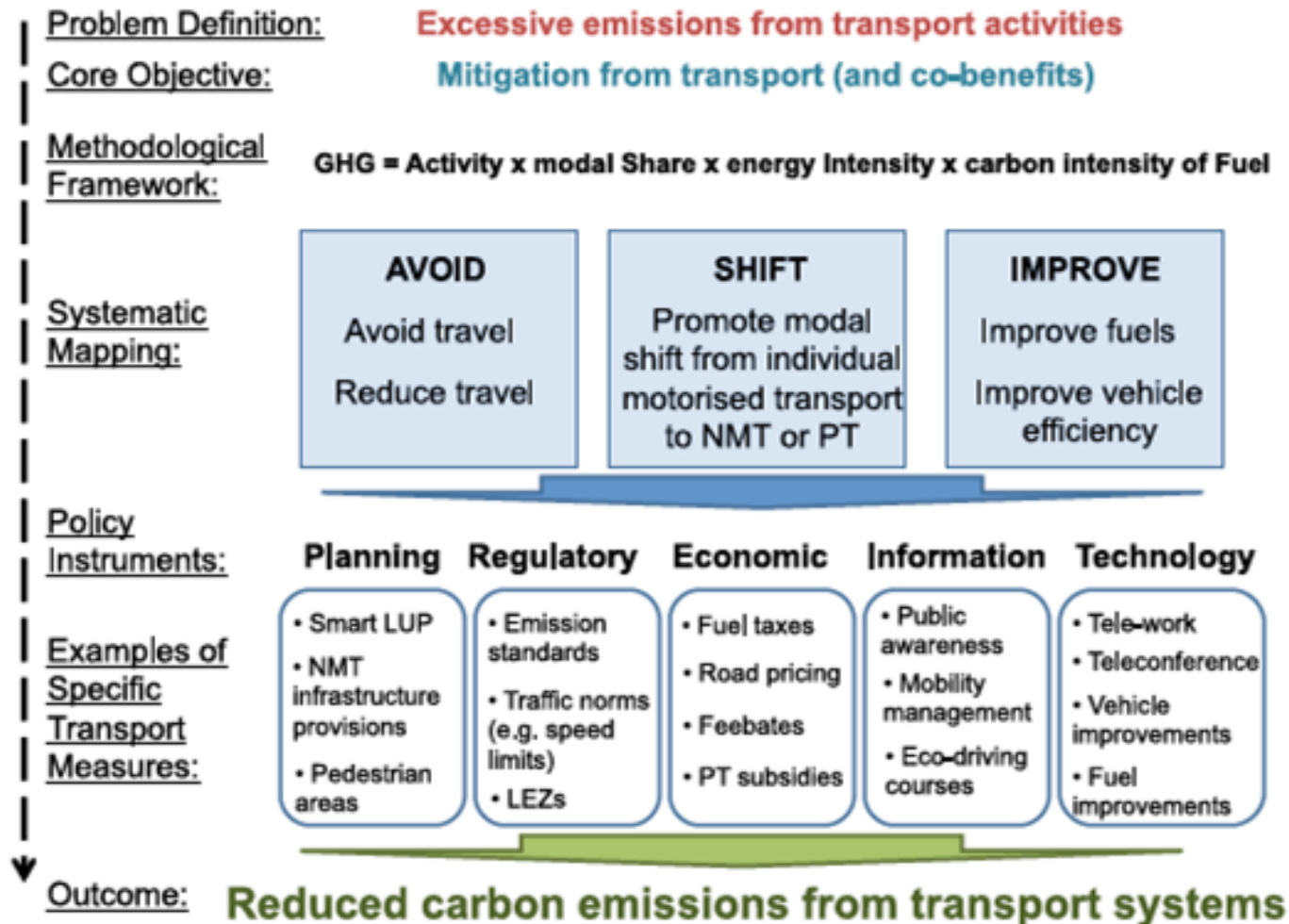


## Regional LEDS TWG Partners:

LAC: Sustentar

Asia: ICLEI

# Avoid-Shift-Improve framework





# No-cost expert assistance and customized solutions for members

## Peer learning and knowledge sharing

- Network of global and regional more than 800 experts
- Communities of practice

## Tools

- LEDS Transport Toolkit
- Leadership explorer

## Technical assistance

- Remote Expert Assistance on LEDS (REAL)
- Deep-dive, in-country support

# Sample of LEDS GP Transport Working Group capacity building activities



# Regional peer exchange

In partnership with GIZ and APEC

**Objective:** To provide capacity building on operational and energy efficiency of urban bus systems

**Regional knowledge exchange in:**  
The Philippines; Viet Nam; Thailand;  
Papua New Guinea; Mexico



# Philippines: Training series package

Leads: UNEP, Clean Air Asia

Partnership: Philippines DENR, LEDS Transport WG

**Objective:** To support the implementation and advancement of fuel quality standards and vehicle emission policies in South East Asia

**Capacity building activities:** Webinar series, workshop



# Philippines: Training series package



Home Working groups Regions Resources Programs Technical assistance Fellowships Join

## Fuels and technologies to mitigate emissions: webinar and related resources

[Translate]

This collection of resources relates to the webinar entitled, "Fuels and technologies to mitigate emissions," brought to you by the Transport Working Group of LEDs GP, in partnership with the [United Nations Environment Program \(UNEP\)](#) and [Clean Air Asia](#). The webinar is part of a series entitled "Supporting countries with implementing new vehicle emission fuel quality standards."

In the webinar, the presenter, Erin Cooper, discussed the role of different strategies to reduce emissions from the transport sector. The presenter focused on different types of fuels and relevant technologies and how they can be applied in specific situations. The webinar concluded with a discussion on the benefits and potential tradeoffs of utilizing these technologies and fuels.

View the webinar here:



Or download the slides from the webinar here: [Fuels and technologies to mitigate emissions slides](#).

## Webinar topics:

- Improving air quality and reducing climate impacts from the transport sector
- Fuels and technologies to mitigate emissions
- Roadmap for implementing new fuel economy standards: Case of Mexico
- Using better quality fuel to mitigate vehicle emissions: Case of Mauritius



# Peru: Reducing transport's contributions to greenhouse gas emissions

## Objective

*Assist Peru with building capacity to lay the foundation for a comprehensive, robust and streamlined approach to climate change mitigation in the transport sector.*

## Capacity building activities

- Coordinating with partners: GIZ, US EPA
- Remote expert assistance
- Peer-to-peer workshops with experts from Colombia and Mexico

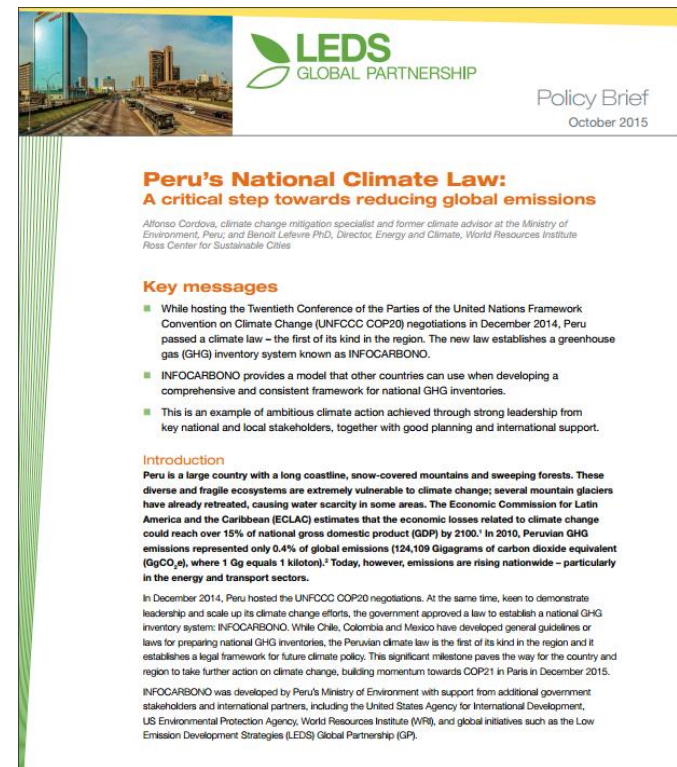




# Peru: Reducing transport's contributions to greenhouse gas emissions

## Results

- Transport in national climate action plan
- Peruvian Transport NAMA
- INFOCARBONO: First law addressing climate change
- Peru's Ministry of Transport (MTC) formed an internal climate change working group



# REAL: Peer exchange with South Sudan and Bhutan

## Request

South Sudan's Ministry of Transport requested information on country examples of transport policy development and, in particular:

- How the national government developed their most recent transport policy;
- Which stakeholders were involved; and
- What partners are supporting the implementation of the policy?

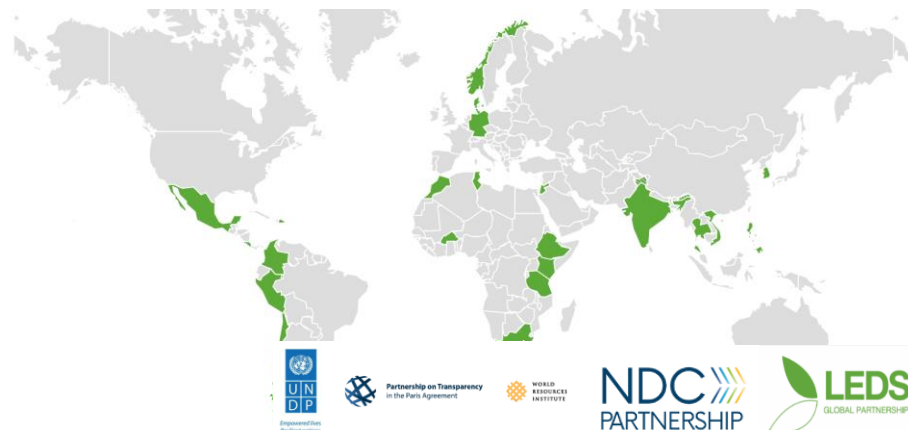
## Activities

- Prepared case studies: Uganda and Bhutan
- Setting up a call between Bhutan and South Sudan

To learn more about the REAL service: [ledsgp.org/assistance](https://ledsgp.org/assistance)

# New and improved Leadership Explorer

*..a platform to catalyze peer learning by showcasing cases of LEDS leadership and innovation..*



## Case study breakdown

*Transport: Case studies from 22 countries and several more to be added in 2018!*

*E.g. (1) Chile's [Transport Green Zone in Santiago](#)*

*E.g. (2) Columbia's [Designing a vertically-integrated, transit oriented development NAMA](#)*

**Showcases case studies for the following themes:**

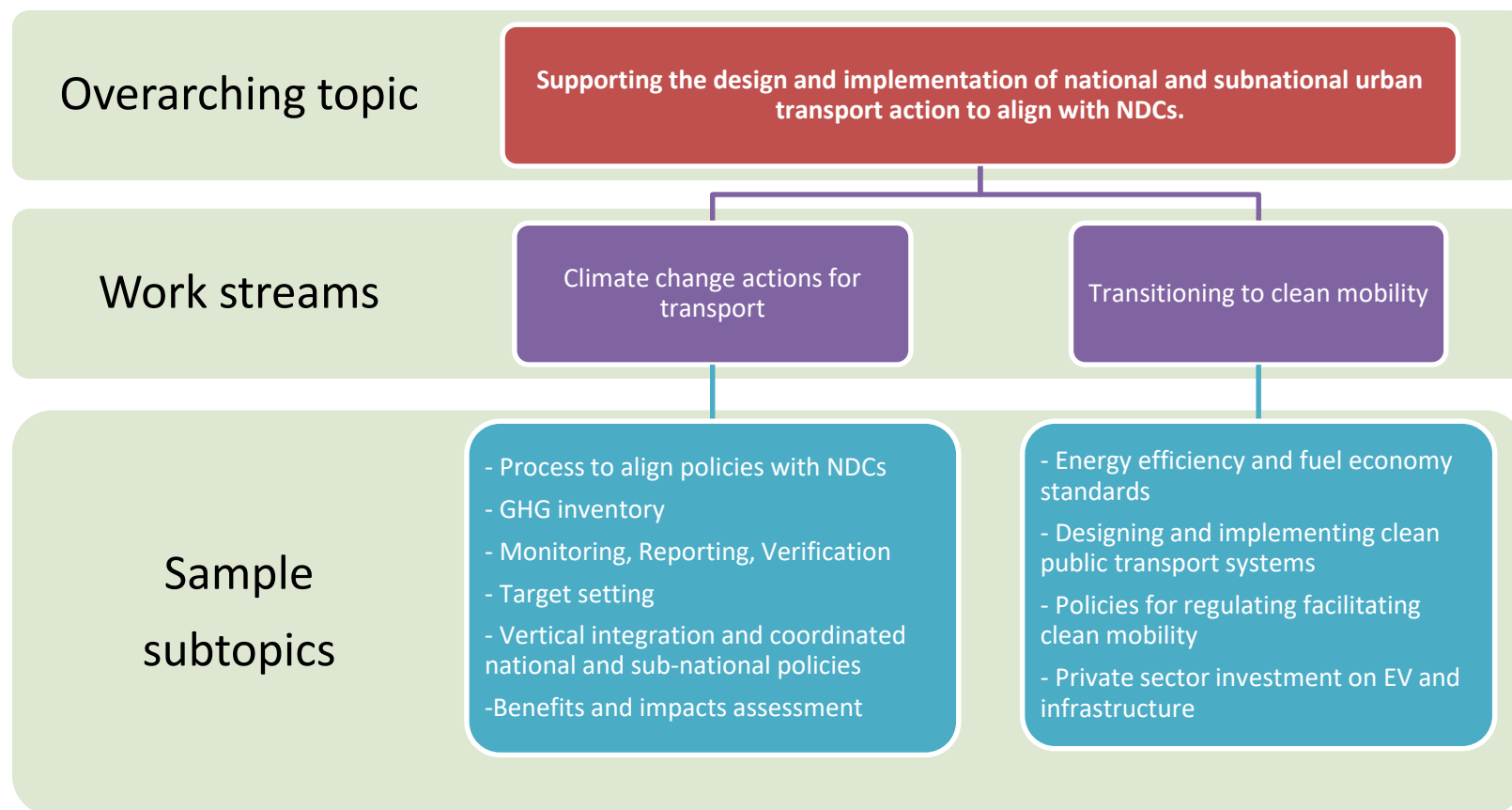
- Energy
- Transport
- Agriculture, Forestry and Other Land use
- Benefits of LEDS
- Finance
- Subnational integration
- Waste management

Want to nominate a leading or innovative case study for the Explorer?

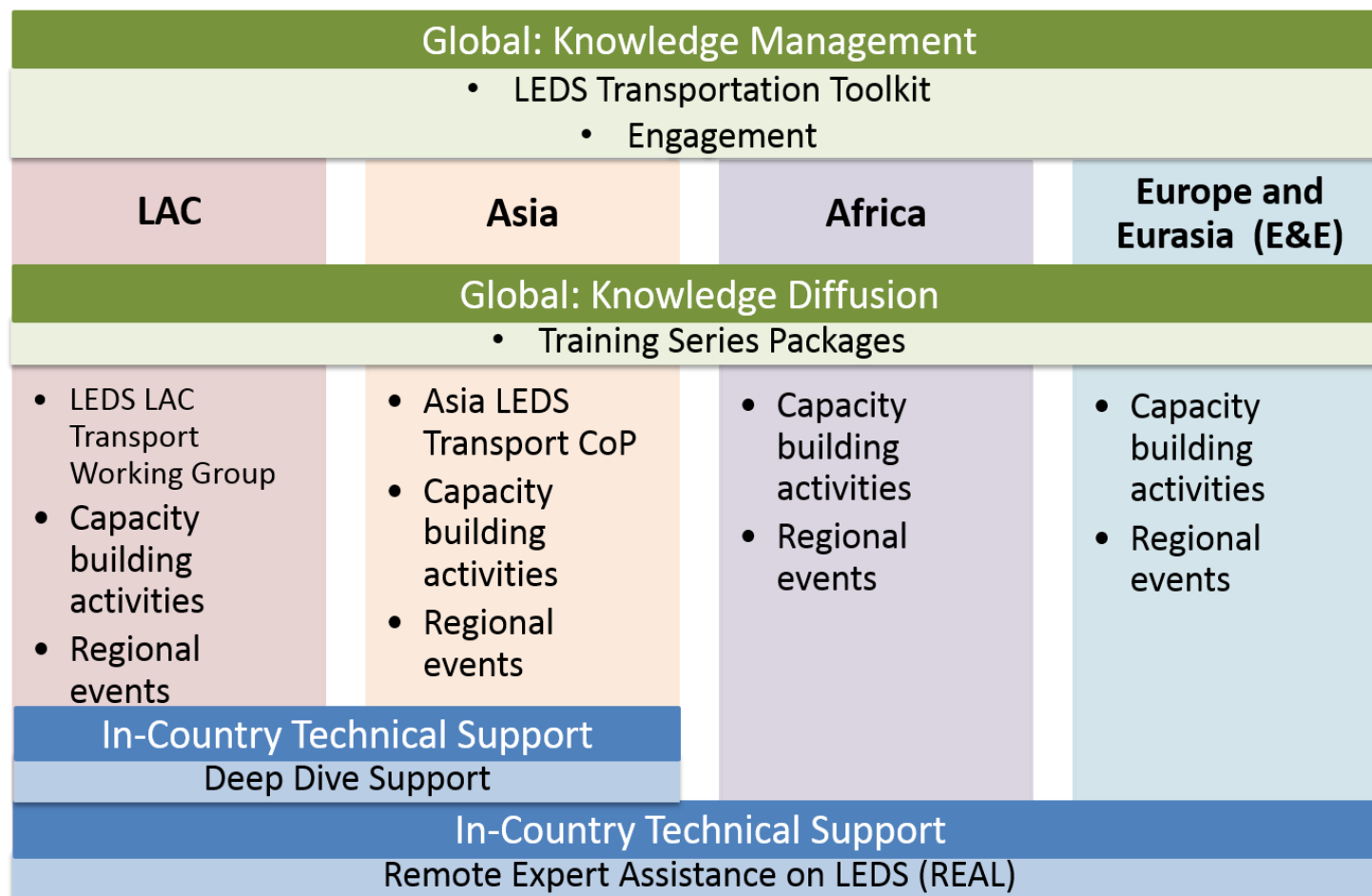
Email:

[secretariat@ledsgp.org](mailto:secretariat@ledsgp.org)

# 2018 Work Plan



# 2018 Approach



# Regional priority topics: Communities of practice

## LAC region

*Addressing financial, market-related and technology-transfer-related barriers to implementing electric mobility in the region*

## Asia region

*Designing and implementing low-carbon urban transport actions oriented towards strengthening clean public transport planning and policy initiatives*



# LEDS LAC Transport Community of Practice: Electric Mobility



Laura Cruz, *Sustentar*

The EM CoP is intended to be an **interactive network** to address real-time policy, financing and technical barriers and solutions related to electric mobility in Latin America and the Caribbean.

### **Members to include:**

- national and subnational governments
- technical institutions
- academia
- private companies
- not-for-profits
- other international organizations.

# Offerings under Electric Mobility CoP

- Stakeholder mapping
- Training and peer exchange
- Webinars
- Online peer exchange sessions
- Workshops
- Early mover projects
- Regional events

# Timeline for the EM CoP activities

Activities					Dates
1. Transport Community of Practice (CoP) in LAC: Electric Mobility	2. Stakeholder mapping	3. Training and Peer-Exchange	4. Early mover projects	4. Knowledge dissemination	
Call for proposals	Stakeholder mapping				April
	Survey of barriers to electric mobility				April
		Moderated discussion 1: establishment of the Community of Practice- sharing of results of barriers and interests and discussion on planned activities		Case study 1	May
			Coach city selection		May
			Selection of cities that would benefit from coaching		June
			First coaching session		July
		Moderated discussion 2: Barriers and solutions			August
			Second coaching session		September
		Moderated discussion 3: Barriers and solutions		Webinar to full LEDSLAC community	October
			Third coaching session	Case study 2	November
			In-person expert workshop		February
		Moderated discussion 4: Barriers and solutions		Summary report to disseminate learning	March

# LEDS Asia Transport Community of Practice: Clean Mobility



Avantika Arjun,  
*ICLEI South Asia*

**ICLEI**  
Local  
Governments  
for Sustainability  
South Asia

# The need for the Clean Mobility community of practice

- The CoP will address Clean Mobility and resilience in transport, which has been identified as one of the priority topics for Asia's transport sector.
- Bring in expert reviews and advice to address the shortcomings in the requirements of low emission development strategies. Implementation of effective policies, peer to peer collaboration would facilitate the above action.

## Participants

- National and subnational governments and technical institutes, regulators, system operators, technical institutions, businesses, non profit and other international organizations addressing real time policy.
- Transport sector experts from ADB (Manila), GIZ (Indonesia, other regional office), CAI (Manila) etc. (expert members)
- Expert facilitators from the LEDS Global Partnership and Transport Working Group
- Asia LEDS Partnership



# Offerings under Clean Mobility CoP

- Continuous engagement and interactions with decision makers of the countries which also have clean mobility as a priority topic.
- A platform to participate in online seminars, in-person meetings and seminars, training programs on clean mobility and its related avenues such as clean fuel alternatives, electric PT fleets, and improvement of operational efficiencies.

CoP members will benefit from **participation** in online and in-person exchange meetings, seminars and trainings with other peers working on **efficient and cleaner mobility**, including subtopics such as:

- clean fuels
- electric mobility technology
- supporting infrastructure creation
- policy and regulatory regime and private sector involvement
- institutional frameworks
- involving the private sector.

# Specific performance goals for 2018

- At least 2 countries have **documented improvements** in their policies, analytic and planning approaches in transport sector
- At least 12 CoP participants have **identified enhancements** in knowledge and technical and analytic capacity
- At least 1 success story on the **impacts of the ALP** has been developed
- At least 1 **case study** on the **deep dive support** to early mover country has been developed
- At least 1 issue brief on the **learning** from CoP has been developed

# Anticipated activity flow for Clean Mobility CoP

Activities	Anticipated dates
Float <b>EOI</b> to recruit member participants	March 2018
<b>Constitute</b> Asia LEDS CoP	April 2018
Select <b>2 front runner member</b> countries for deep engagement	July 2018
Initiate <b>3 online</b> focused discussions/seminars/trainings	April 2018 to December 2018
Develop and share <b>one issue brief</b> and <b>case study</b>	September 2018
Deep dive engagement and proposal for <b>high impact</b> quick win	June 2019
Country specific <b>technical assistance</b> and <b>handholding</b> support to two early mover Countries	Until June 2019

# LEDS Transport Toolkit

<http://ledsgp.org/transportation-toolkit>

The screenshot shows the LEDS Transport Toolkit website in a Google Chrome browser. The URL bar displays `ledsgp.org/toolkit/transportation-toolkit/?loclang=en_gb#transport-tools`. The page features a dark navigation bar with the LEDS logo (a green leaf) and the text "GLOBAL PARTNERSHIP". The navigation menu includes links for Home, Regions, Country Leadership, Resources, Themes, and Expert help, along with a "Join" button. A search bar is located in the top right corner.

## Transport Toolkit

Developing strategies for clean, efficient transport

The Low Emission Transport Toolkit supports development planners, technical experts, and decision-makers at national and local levels to plan and implement low emission transport systems that support economic growth. This toolkit helps users navigate a variety of resources to identify the most effective tools to build and implement low emission development strategies (LEDS) for the transport sector.

Globally, the transport sector is responsible today for approximately 23% of total energy-related carbon dioxide emissions, and its emissions are increasing at a rate faster than that of any other sector. With countries and cities facing a rising need for transport services over the coming decades, governments have a unique opportunity to meet this demand and enable economic growth while minimizing greenhouse gas emissions through the implementation of comprehensive policies, behavioral change, and adoption of energy efficient technologies for the transport sector.

Navigation tabs: Tools (selected), Key actions, Strategies, Policies.

Showing 1-10 of 354 tools [Hide search](#)

Key action	Policy	Countries
Assess opportunities	Air quality and greenhouse gas emissions	<input type="text" value="Select Country"/>
Create baseline	Financing	<input type="button" value="Apply"/>
Develop alternatives	Fleet management	<input type="button" value="Reset"/>
Evaluate system	Fuels and vehicle efficiency	
Implement & monitor		

Non-motorized transport  
Public transport and infrastructure  
Shared mobility  
Traffic management

Media type

# Q&A



# For more information

## Links

- [The LEDSGP Transport Working Group website](#)
- [The LEDSGP Transport Toolkit](#)

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- **Contact LEDS donors and project developers...**

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