



## **Transforming Building and Transport Sectors through Nationally Appropriate Mitigation Actions (NAMA) Regional Workshop, 5- 7 May Manila, the Philippines Venue: New World Makati Hotel**

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### **Background**

UNEP is organizing a regional workshop on Nationally Appropriate Mitigation Actions (NAMAs) from 5-7 May 2015 in Manila, the Philippines. The UNEP “*NAMA Development for the Building Sector in Asia*” project; the UNEP Southeast Asia Network of Climate Change Offices Project (SEAN-CC); and GIZ Projects Energy Efficiency and Climate Change Mitigation in the Land Transport Sector in the ASEAN Region (TCC) and Towards climate-friendly transport technologies and measures (TRANSfer), are all contributing to this regional workshop. The event is hosted by the Climate Change Commission at the Office of the President of the Philippines, which is also providing logistical support and substantive input.

Nationally Appropriate Mitigation Actions (NAMAs) refer to a set of low emission policies, action plans, or roadmaps that countries may voluntarily undertake as one means of moving toward a sustainable and inclusive growth path. Given that anthropogenic greenhouse gas emissions come from every sector of our economy, all sectors will have to contribute to greenhouse gas reduction efforts according to their economic and technological potential and social-environmental constraints. NAMA is therefore an essential part of a more effective and sustainable approach to transforming sectors. NAMAs, in order to be effective, essentially need to be supported and enabled by policies, technologies, financing and capacity-building, both at the national and sectoral levels.

This workshop will deepen the understanding and potential for transformation of two specific sectors: buildings and transport. The three day workshop will bring together key participants from UNEP’s NAMAs-related projects and selected international NAMAs experts to share project information and respective country experiences. This will facilitate countries to learn from each other, and for UNEP to better understand the needs for successful development and implementation of NAMAs in the region.

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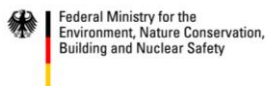


## **Workshop Objectives:**

1. Present partner countries' preliminary building and transport sector NAMA priorities, and to discuss the mitigation potential, as well as the specific capacity building, finance and technology needs associated with identified priorities;
2. Share frameworks from existing financing and institutional mechanisms and lessons learned from other countries' programmes that support energy efficiency actions in building sector;
3. Identify opportunities for replicating approaches to promoting energy efficiency actions in building sector in the region;
4. Further strengthen regional network to support NAMA activities by introducing relevant, existing platforms and initiatives that can potentially support NAMA development and implementation;
5. Examine how NAMAs can help sustainable transport policy development and implementation;
6. Apply the concept of transformational change to transport NAMAs ;
7. Enhance knowledge on the status of Transport NAMAs worldwide, support mechanisms and the road to Paris.

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**DAY 1- Tuesday, 05 May 2015**

**09:00 Welcome and Introduction**

- Secretary Lucille Sering, Philippines Climate Change Commission
- Tunnie Srisakulchairak, UNEP Regional Office for AsiaPacific
- Tali Trigg, GIZ Transport and Climate Change

**09:30 Prioritizing NAMA in National Climate Strategies**

- NAMA Prioritization Framework, Assistant Secretary Joyceline Goco, Philippines Climate Change Commission
- NAMA for the Building Sector-- Curt Garrigan, Project Coordinator, UNEP
- NAMA for the Transport Sector—Friedel Sehleier, Climate Change Advisor, GIZ

**10:15 – 10:30 Discussion**

**10:30-10:45 Coffee Break**

**BUILDINGS**

**10:45 Presentations by Partner Countries (Status and Priorities)**

- Philippines- *Climate Change Commission*
- Indonesia- *Ministry of Environment and Forestry; University of Indonesia*
- Thailand- *Office of Natural Resources and Environmental Policy and Planning (ONEP); King Mongkut’s University of Technology Thonburi*
- Vietnam- *Ministry of Natural Resources and Environment- Climate Change Division*

**TRANSPORT**

**10:45 Status quo of transport NAMAs**

- Welcome by GIZ
- Transport NAMA Database and Transport NAMA Report 2014 – *Eric Mackres, World Resources Institute (WRI)*

**11:30 Country Presentations**

Regional newcomers:

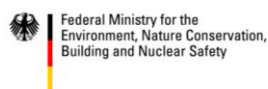
Transport NAMA development in

- The Philippines – *Asec. Sherielysee Bonifacio, Department of Transportation and Communications -*
- Malaysia- *Mr. Azrin, Malaysian Green Technology Corporation MGTC*

**12:30-14:00 Lunch**

**14:00-15.30 Climate Finance**

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Financing Climate Actions through the Green Climate Fund- Dr. Binu Parthan, Green Climate Fund, Regional Adviser for Asia (remote)

- The Role of Development Banks in Climate Finance - Ms. Esmyra P. Javier, Asian Development Bank, Manila
- The Sustainable Housing NAMA of Mexico – Mr. Guillermo de la Sierra D’Martini, Deputy Director of International and Multilateral Relations of CONAVI (National Housing Commission - Mexico)

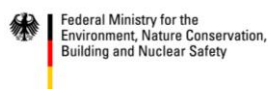
**15:30-16:00 Coffee Break**

<b>BUILDINGS</b>	<b>TRANSPORT</b>
<p><b>16:00 Financing Energy Efficiency and Sector Actions</b></p> <ul style="list-style-type: none"> <li>• Supporting Building Sector Policy and Finance – Mr. Noel Verdote, IFC, Philippines</li> <li>• Engaging Commercial Banks in Finance of Energy Efficiency- UNEP Finance Initiative</li> <li>• Finance as a tool to push Energy Efficiency in buildings - Dr. Hina Zia, TERI</li> </ul>	<p><b>16:00 Financing Transport NAMAs (Moderated by GIZ)</b></p> <ul style="list-style-type: none"> <li>• ADB activities, including transport NAMA Support Facility and NAMA in the Greater Mekong Subregion - Nana Soetantri, Asian Development Bank</li> <li>• Opportunities for transport in the Green Climate Fund - Cornie Huizenga, Transport Expert</li> <li>• Discussion: The role of climate finance for sustainable transport Moderated by Jane Romero</li> </ul>

**17:30 Closing Summary of Day 1**

**18:30 Dinner Hosted by The Philippines Climate Change Commission**

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**DAY 2- Wednesday, 06 May 2015**

**09:00-09.30 Welcome and Introduction to the Climate Technology Centre and Network (CTCN), Mr. Amit Kumar, TERI**

**BUILDINGS**

**Technical Sessions: Maximizing Potential – Applying Appropriate Technologies and Design**

**09:30-11:00 Development of Building and Appliance standards (moderated by Tsinghua University)**

- Best Practices in Building Codes- *Professor Rajan Rawal, Global Buildings Performance Network*
- Opportunities and Challenges: Energy Efficiency in Buildings- India’s experience - *Bureau of Energy Efficiency- Ms. Karan Mangotra, UNDP (India)*
- Development of Green Buildings and Materials in China, *Dr. Hao Liang, Ministry of Housing and Urban and Rural Development (China)*

**11.00-11.15 Break**

**11:15-12.30 Design for Sustainability (Moderated by TERI)**

- Renewable Energy Technologies in Buildings, *Professor Xudong Yang, Tsinghua University*
- Mainstreaming the Principles of Passive Design, *Mr. TAI Lee Siang, Ong & Ong Pte Ltd (Singapore) and World Green Building Council*
- India’s GRIHA System- Promoting Sustainable Design- *Mr. Apoorv Vij, TERI*
- Advanced Technologies for Cooling and Climate, *Mr. Edward Tsui, ASHRAE*

**TRANSPORT**

**09:30-11:00 Transformational Change through Transport NAMAs (moderated by GIZ)**

- Transformational change and paradigm shift as climate policy objectives – *Friedel Sehlleier, GIZ*
- Case study: SUTRI NAMA Indonesia – *Mr. Djarot Tri Wardhono, Ministry of Transportation*
- Case Study: Transport NAMA Vietnam – *Le Tuan Anh (TDSI), Ministry of Transport*

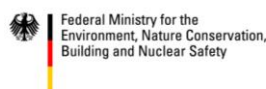
**11:00-11:15 Break**

**11:15 -12.:30 Groupwork on Transformational Change: (Moderated by GIZ)**

- What does transformational change mean in a transport context?
- What role can a NAMA play in facilitating transformational change (added value of NAMA)?
- Key considerations for transport NAMA design

**12:30-13.30 Lunch**

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**13:30-15.15 Engaging Local Authorities (Moderated by UNEP)**

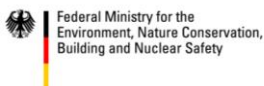
- *Vertically-Integrated NAMA on Public Buildings in South Africa, Mr. Tobias Zeller, GIZ*
- *Accelerating Energy Efficiency – The Sustainable Energy for All Accelerator Platforms*
  - *Building Efficiency Accelerator- Eric Mackres, Manager- Building Efficiency Initiative, World Resources Institute- Ross Center for Sustainable Cities*
  - *Buildings and Cities: District Energy Systems- Catherine B. Diomampo, Climate Change Project Officer, ICLEI Local Governments for Sustainability, Southeast Asia Secretariat*
  - *Transport Efficiency Accelerator—Mr. Bert Fabian, Programme Officer, UNEP Transport Unit*
- *Presentation by the City of Mandaluyong*
- *Implementing Sub-national Climate Actions - Presentation by Prof Idrus Alhamid*

**15:00-15:30 Coffee Break**

<b>BUILDINGS</b>	<b>TRANSPORT</b>
<p><b>15:30-17:00 Private Sector Engagement (Moderated by BCA)</b></p> <ul style="list-style-type: none"> <li>• <i>EEB 2.0– Roland Hunziker, Director, Sustainable Buildings and Cities- World Business Council for Sustainable Development</i></li> <li>• <i>Solar Technologies in Mass Housing- Philippines</i></li> <li>• <i>Green Building Networks- Mr. TAI Lee Siang, World Green Building Council</i></li> </ul>	<p><b>15:30 Overcoming Data Issues in the Transport Sector (Moderated by Alvin Mejia, Clean Air Asia)</b></p> <ul style="list-style-type: none"> <li>• <i>Thailand case study: Experiences and ways to tackle data gaps in Thailand (Ms. Chutinthorn Mankhong, Ministry of Transport, Thailand)</i></li> <li>• <i>Group work: How to cope with data gaps?</i></li> </ul>

**17:00 Summary of Day 2**

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**DAY 3- Thursday, 07 May 2015**

**09:15 Welcome**

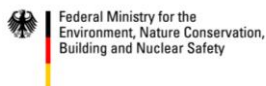
<p><b>09:30-10:50 Parallel Consultations with NAMA for Building Sector Partner Countries (Philippines and Indonesia)</b></p> <ul style="list-style-type: none"> <li>- Finance/Technology/Policy Assessment/Support Teams</li> <li>- Establish Country Tasks/Timelines</li> </ul> <p><b>11:10-12:30 Parallel Consultations with NAMA for Building Sector Partner Countries (Thailand and Viet Nam)</b></p> <ul style="list-style-type: none"> <li>- Finance/Technology/Policy Assessment/Support Teams</li> <li>- Establish Country Tasks/Timelines</li> </ul>	<p><b>TRANSPORT : The Road to Paris and the added Value of Transport NAMAs</b> <b>Moderated by GIZ</b></p> <p><b>09:30-10:30 Road to Paris</b></p> <ul style="list-style-type: none"> <li>• Roundtable discussion on country approaches in integrating transport into INDCs</li> </ul> <p><b>10:30 – 11:00 Coffee Break</b></p> <p><b>11:00 – 12:30 Transport Wrap up</b> Added value and ASEAN messages on transport NAMAs</p>
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**12:30-13:30 Lunch**

<p><b>13:30-16:00 Introduction to the Sustainable Buildings and Construction Programme of the 10-Year Framework of Programmes on Sustainable Consumption and Production (Sessions to be Determined)</b></p> <ul style="list-style-type: none"> <li>• UNEP</li> <li>• World Green Building Council</li> </ul>	<p><b>13:30 16:00 THEMATIC AND COUNTRY SPECIFIC SESSIONS</b></p> <p><u>Two parallel open sessions:</u> <b>NAMAs to tackle Motorcycle Emissions in Asia? Case Study: Malaysia</b> <b>Moderated by GIZ</b></p> <p>and <b>Sustainable Public Transport NAMAs. Case Study Philippines</b> <b>Moderated by GIZ</b></p>
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**16:00-16:30 Adjourn/Closing of Workshop**

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