



Regional Workshop on Nationally Appropriate Mitigation Actions (NAMAs)

01 - 03 October 2014, Ha Long City, Viet Nam

BACKGROUND

The United Nations Environment Programme (UNEP) is implementing a number of projects and activities related to low carbon approaches, providing support to the development of NAMAs in various sectors, throughout Asia and more specifically in the South East Asia sub-region. These include the following project: the South East Asia Network of Climate Change Offices (SEAN-CC), Facilitating Implementation and Readiness for Mitigation (FIRM), NAMA Development for the Building Sector in Asia and the GEF ADB-UNEP pilot Asia Pacific Climate Technology Network and Finance Centre.

The UNEP Regional Office for Asia Pacific (**UNEP ROAP**), the UNEP Division of Technology, Industry and Economics (**UNEP DTIE**) and the **UNEP DTU Partnership** - Centre on Energy, Climate and Sustainable Development (UDP), are all contributing to these projects, and to this regional workshop.

The Gesellschaft für Internationale Zusammenarbeit (**GIZ**) is providing substantive input drawing on its many NAMA related activities in the region, and leads the program of this workshop dedicated to the transport sector.

The event is hosted by the Department of Meteorology, Hydrology and Climate Change at the Ministry of Natural Resources and Environment of the Government of Viet Nam (**DMHCC MONRE Viet Nam**), which provides logistical support, and substantive input as well.

OBJECTIVES

The overall objective of this regional event is to bring together NAMA lead actors from ASEAN and other Asian countries to share the analytical tools, project results and experiences with the broader group of countries and sector experts represented.

Specific objectives are to

- share country project experiences, challenges and lessons learnt with countries in the region,
- provide an overview of the various analytical materials developed under the specific projects,
- enhance capacity of participants on prioritisation, process, baseline, MRV and Sustainable Development Assessment Tool in the context of NAMA development,
- elicit feedback from participating countries on capacity building and support needs thus informing the design of future capacity building programmes,
- facilitate interaction between country representatives and enhance synergies with other non-UNEP supported projects in the region,
- foster increased interaction between countries for successful NAMA development and implementation, and
- discuss country experiences, opportunities and challenges per thematic areas for building, transport, energy efficiency and renewable energy,



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- the Global Environment Facility (GEF),
- the International Climate Initiative (IKI) of the German Federal Environment Ministry (BMU),
- the Danish International Development Agency (DANIDA), and
- the Ministry of Foreign Affairs of Finland.



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PROGRAMME

DAY 1 - 01 OCTOBER 2014, Wednesday - PLENARY

Registration of participants	All participants	8.30 – 9.00
Session 1 – Opening		
Opening Ceremony – High level segment with key note speakers	Mr. Pham Van Tan, MONRE Viet Nam Mr. Jerome Malavelle, UNEP DTIE Ms. Anna Pia Schreyoegg, GIZ	9.00 – 9.20
Introduction of participants	All participants	9.20 – 10.00
UNEP’s NAMAs Approach	Jerome Malavelle	10.00 – 10.15
Group Photo, then Coffee/Tea Break		10.15 – 10.45
NAMAs in the context of national SD planning and Low Carbon Development Strategies	Ms. Miriam Hinojosa, UNEP DTU Partnership	10.45 – 11.15
Mitigation options and NAMA development in Viet Nam	Ms. Chu Thi Thanh Huong, MONRE Viet Nam	11.15 – 11.45
Country NAMA status - Comments from one representative of each participating country	A representative from all countries present (5 min each, no PowerPoint)	11.45 – 12.30
Lunch		12.30 – 13.45
Session 2 – Analytical tools		
<u>Moderator:</u> Mr. Curt Garrigan, Coordinator, UNEP Sustainable Buildings and Climate Initiative (UNEP)		
NAMAs prioritization and relevance of Sustainable Development: - Overview - Country’s experience: Viet Nam - Short group discussion 1	Mr. Sudhir Sharma, UNEP DTU Partnership Assoc. Prof. Dr. Huynh Thi Lan Huong, Deputy Director General of IMHEN, MONRE All	13.45 – 14.30
NAMA process cycle and institutional arrangements for managing NAMA process: - Presentations - Country’s experience: the Philippines - Short group discussion 2	Sudhir Sharma & Miriam Hinojosa Mr. Arnold Belver, Clim. Change Commission All	14.30 – 15.30
Coffee/Tea Break		15.30 – 15.45
Data collection and management systems: - MRV of NAMAs and Reporting NAMAs in BURs - Country’s experience: national MRV framework for Indonesia National Action Plan for Greenhouse Gas reduction (RAN-GRK) - Group discussion 3, including on how best introducing the subnational dimension in MRV	Sudhir Sharma Ms. Murni Titi Resdiana, National Council on Climate Change (DNPI) All	15.45 – 17.00
Logistical announcements and lists of members for next day’s parallel sessions	Ms. Chu Thi Thanh Huong, MONRE Viet Nam & Ms. Jiwon Rhee, UNEP ROAP	17.00 – 17.15
Close of Day 1		17.15



DAY 2 - 02 OCTOBER 2014, Thursday –

MORNING PARALLEL SESSIONS

Session 3A – Building Sector		
<u>Moderator:</u> Ms. Laura Wang, International Policy Associate, Center for Clean Air Policy		
Why NAMA for Buildings	Mr. Curt Garrigan, UNEP	9.00 – 9.20
Global Potential for Buildings EE Questions & Answers	Ms. Sophie Shnapp, Global Buildings Performance Network	9.20 – 9.45
Policy Frameworks for Buildings Questions & Answers	Mr. Jeffery Neng, Building and Construction Authority of Singapore	9.45 – 10.10
Indonesia NAMA development Questions & Answers	Mr. Muhammad Idrus Alhamid, University of Indonesia	10.10 – 10.30
Coffee/Tea Break		10.30 – 10.45
Breakout groups ¹ (approx. 6-7 persons per group) to discuss opportunities for NAMA development in building sector.		10.45 – 12.00
Summary of discussions	Group rapporteurs TBD	12.00 – 12.30

Session 3B – Transport Sector		
<u>Moderator:</u> Mr. Alvin Mejia, Clean Air Asia		
9:00	welcome remarks & outline of the session	Alvin Mejia, Clean Air Asia
9:10	Introduction to transport NAMAs	Stefan Bakker, GIZ Thailand
9:40	MRV for transport NAMAs	Sudhir Sharma, UNEP DTU
10:00	Country case Indonesia	Widiatmini Sih Winanti, National Council on Climate Change, Indonesia
10:20	Country case Thailand	Chutinthorn Praditpet, Office of Transport Policy and Planning Thailand
Coffee/Tea Break		10.40 – 11.00
11:00	Country case Sri Lanka	Chamika Iddagoda, Ministry of Environment and Energy, Sri Lanka
11:20	Introduction to group work	Alvin Mejia, Clean Air Asia
11:25	discussion in small groups per table	
12:00	report back from break out groups	
12:25	Closing remarks	Alvin Mejia, Stefan Bakker

Lunch	12.30 – 14.00
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¹This would assist in identifying opportunities and barriers in public, residential and commercial sectors for EE actions (potential and stakeholders who would need to be engaged)



DAY 2 - 02 OCTOBER 2014, Thursday –

AFTERNOON PARALLEL SESSIONS

Session 3C – Energy Efficiency		
Moderator: Mr. Sudhir Sharma, Senior Advisor, Climate Change UNEP DTU Partnership		
Introduction	Mr. Sudhir Sharma	14.00 – 14.30
Countries' experience: - Street lighting NAMA in Indonesia - GEF UNEP Viet Nam Lighting Project Questions & Answers Countries' experience (cont'd): - Industrial EE NAMA in Indonesia Questions & Answers	Mr. Awang Riyadi, Ministry of Energy & Mineral Resources Mr. Hiep, Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE) All Mr. Denny Noviansyah, Ministry of Industry All	14.30 – 15.30
Coffee/Tea Break		15.30 – 15.45
Breakout groups (approx. 6-7 persons per group) to discuss opportunities for Energy Efficiency NAMA development.		15.45 – 16.45
Summary of discussions	Group rapporteurs	16.45 – 17.15

Session 3D – Renewable Energy		
Moderator: Ms. Miriam Hinostrroza, Program Head LCDS, UNEP DTU Partnership		
Renewable Energy NAMAs	Ms. Miriam Hinostrroza	14.10 – 14.45
Country's experience: Solar Photovoltaic (PV) rooftop in Indonesia Questions & Answers	Mr. Abdi Dharma Saragih, Ministry of Energy and Mineral Resources All	14.45 – 15.45
Coffee/Tea Break		15.45 – 16.15
Country's experience (cont'd) - Wind NAMA proposal in Vietnam Questions & Answers Country's experience (cont'd) - Vietnam: NAMA biogas for onsite power generation at pig farms Questions & Answers	Mr. Nguyen Minh Bao, Institute of Energy, Ministry of Industry and Trade All Mr. Nguyen Mong Cuong, Director of Research Center for Climate Change and Sustainable Development) All	16.15 – 17.45

Close of Day 2		17.45
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DAY 3 - 03 OCTOBER 2014, Friday

PLENARY		
Session 4 – Financial structuring of NAMAs		
<u>Moderator:</u> Ms. Miriam Hinojosa, UNEP DTU Partnership		
Examples of NAMAs finance or other example of finance scheme potentially applicable to NAMAs: - Efficient Housing NAMA in Mexico - Transit-Oriented Development (TOD) NAMA in Colombia - Financing mechanism for solar water heaters in the residential sector in Tunisia Questions & Answers	Mr. Andreas Gruner (via video conference), Implementación de la NAMA de Vivienda Nueva, GIZ Mexico Ms. Laura Wang, Center for Clean Air Policy Mr. Jerome Malavelle All	8.15 – 9.45
The CTCN, a seed funding and technical support instrument for enhanced NAMAs design, development and implementation Questions & Answers	Mr. Sudhir Sharma All	9.45 – 10.15
Coffee/Tea served in the meeting room		
Intro to NAMA facility – eligibility criteria Country’s perspective: challenges and opportunities for NAMAs financing Group discussion: challenges and opportunities for NAMAs financing and how can UNEP and/or other organizations further support developing countries in their NAMA development	Mr. Stefan Bakker Ms. Chamika Iddagoda, Sri Lanka All	10.15 – 11.15
Session 5 – Wrapping up and Closing		
Highlights from parallel sessions and round table discussion : - Buildings - Transport - Energy Efficiency - Renewable Energy - MRV for Transport-NAMAs	Ms. Laura Wang Mr. Alvin Mejia Mr. Sudhir Sharma Ms. Sophie Shnapp Mr. Stefan Bakker	11.15 – 12.00
Final remarks and closing ceremony	Mr. Jerome Malavelle, UNEP Mr. Pham Van Tan, DMHCC MONRE Viet Nam	12.00 – 12.15
Workshop evaluation via questionnaire	Jiwon Rhee, All	12.15 – 12.30
Close of workshop at 12.30		
Farewell Lunch and site visit		