



# Inaugural Meeting of the Regional 3R (Reduce, Reuse, Recycle) Forum in Asia

*Towards A Resource Efficient,  
Sound Material-Cycle Society*

## Meeting Programme



UNCRD



Ministry of the Environment

**Date: 11-12 November 2009**  
**Venue: Meguro Gajoen, Tokyo, Japan**

**Organizers:**

United Nations Centre for Regional Development (UNCRD)  
Ministry of the Environment-Japan

**Supporting Organization:**

Institute for Global Environmental Strategies (IGES)

## Day 1: 11 November 2009, Wednesday

Time	Programme	
08:30-09:00	<b>Registration</b> (In front of Asuka, 4 <sup>th</sup> floor)	
09:00-09:40	<b>Opening Session</b> (Asuka, 4 <sup>th</sup> floor) <b>1. Opening Remarks</b> <ul style="list-style-type: none"> <li>• <b>Sakihito Ozawa</b>, Minister of the Environment, Japan</li> <li>• <b>Kazunobu Onogawa</b>, Director, United Nations Centre for Regional Development (UNCRD)</li> </ul> <b>2. Statement by the United Nations Department of Economic and Social Affairs (UN/DESA)</b> <ul style="list-style-type: none"> <li>• <b>Muhammad Aslam Chaudhry</b>, Chief, Global Policy Branch, Division for Sustainable Development (DSD), UN/DESA</li> </ul> <b>3. Keynote Address</b> <ul style="list-style-type: none"> <li>• <i>Promotion of 3Rs in Asia</i>, by <b>Nobumori Otani</b>, Parliamentary Secretary of the Environment, Japan</li> </ul> <b>Assignment of the Chairs</b> (Nobumori Otani, the Chair of the Inaugural Meeting announces the Chairs of each session.)	
09:40-10:10	<b>Group Photo Session and Coffee Break</b> (Photography Studio, 5 <sup>th</sup> floor)	
10:10-10:30	<b>Session 1: Introduction of the Objectives, Structure, and Vision of the Regional 3R Forum in Asia</b> (Asuka, 4 <sup>th</sup> floor) by <b>Choudhury Rudra Charan Mohanty</b> , Environment Programme Coordinator, UNCRD (20 min)	<u>Chair:</u> <b>Kazunobu Onogawa</b> , Director, UNCRD
10:30-12:30	<b>Session 2-1: Challenges and Opportunities in the 3Rs/Waste Management in Asia – Sectoral Issues</b> (Asuka, 4 <sup>th</sup> floor) <i>[The Subsidiary Expert Group (SEG) members of the Regional 3R Forum in Asia will address specific sectoral issues in the context of developing countries in Asia. Each presentation will provide strategic guidance in terms of tools, solutions, and policy instruments, including best practices relevant to developing countries in the context of promoting the 3Rs/resource efficiency/sound waste management.]</i>  <b>a) Municipal Solid Waste:</b> <i>Strategic Improvement of Municipal Solid Waste Management in Asia Region</i> , by <b>Masaru Tanaka</b> , Professor, Tottori University of Environmental Studies (15 min)  <b>b) Industrial and Hazardous Waste:</b> - <i>Potential of 3R in Industrial Wastes</i> , by <b>Ijaz Hossain</b> , Professor, Bangladesh University of Engineering and Technology (15 min)  - <i>Utilization of Industrial (Hazardous) Waste within a 3R Strategic Approach in Indonesia</i> , by <b>Utun Sutrisna</b> , Chairman of the Association of Chemical Manufacturers, Indonesia (15 min)  <b>c) Construction Waste:</b> <i>The 3R in Construction and Demolition Waste – Potentials and Constraints</i> , by <b>Sandra Spies</b> , Technical Advisor on SWM, GTZ (15 min)  <b>d) Medical/Healthcare Waste</b> <i>3R Knowledge Hub – Application in Health Sector Development Initiatives</i> , by <b>Vijay Joshi</b> , Environment Specialist, Environment and Safeguards Division, Asian Development Bank (15 min).  <b>Open discussion</b> (45 min) <i>[Countries are highly encouraged to intervene and respond to the presentation, focusing on the policy gaps, institutional gaps, and human resource issues faced in their countries for implementing these best practices and measures in the above-mentioned thematic areas.]</i>	<u>Chair:</u> <b>Mohammed Hasan Mahmud</b> , Honourable State Minister, Ministry of Environment and Forest, Bangladesh  <u>Co-Chair :</u> <b>Takehiro Nakamura</b> , Director, UNEP International Environmental Technology Centre (IETC), Japan.
12:30-13:30	<b>Lunch Break</b> (Seifu and Heian, 4 <sup>th</sup> floor)	
13:30-15:25	<b>Session 2-2: Challenges and Opportunities in the 3Rs/Waste Management in Asia – Sectoral Issues (continued)</b> (Asuka, 4 <sup>th</sup> floor)  <b>e) Agriculture/Bio-mass Waste:</b> <i>Challenges and Opportunities in Agro Waste Management – An Asian Perspective</i> , by <b>P. Agamuthu</b> , Professor, University of Malaya (15 min)	<u>Chair:</u> <b>Saksit Tridech</b> , Permanent Secretary, Ministry of Natural Resources and Environment, Thailand

	<p><b>f) Electric and Electronic Waste (e-waste):</b></p> <ul style="list-style-type: none"> <li>- <i>Environmentally Sound Management of E-Waste: Emerging Issues, Challenges and Opportunities for Material Recovery and Recycling</i>, by <b>Sunil Herat</b>, Griffith University (15 min)</li> <li>- <i>E-waste Management for the Sound Material Cycles and Persistent Chemicals Control</i>, by <b>Shinichi Sakai</b>, Professor, Kyoto University (15 min)</li> </ul> <p><b>g) Eco-Town for 3R</b></p> <ul style="list-style-type: none"> <li>- <i>Eco-Town for 3R Promotion in Japan</i>, by <b>Tsuyoshi Fujita</b>, Chief Researcher, Asian Research Environment Group, National Institute for Environmental Studies of Japan (15 min)</li> <li>- <i>Local Government Initiatives on Eco-Town</i>, by <b>Yohko Maki</b>, Director, Kawasaki City (10 min)</li> </ul> <p><b>Open discussion (45 min)</b>  <i>[Countries are highly encouraged to intervene and respond to the presentation, focusing on the policy gaps, institutional gaps, and human resource issues faced in their countries for implementing these best practices and measures in the above-mentioned thematic areas.]</i></p>	<p><b>Co-Chair:</b>  <b>Joseph Hui</b>, Director General, National Environment Agency, Singapore</p>
15:25-15:45	<b>Coffee Break</b>	
15:45-18:10	<p><b>Session 3: Challenges and Opportunities in the 3Rs/Waste Management in Asia – Cross-Cutting Issues (Asuka, 4<sup>th</sup> floor)</b>  <i>[The Subsidiary Expert Group (SEG) members of the Regional 3R Forum in Asia will address critical cross-cutting issues in the context of developing countries in Asia. Each presentation will provide strategic guidance in terms of tools, solutions, and policy instruments, including best practices relevant to developing countries in the context of promoting the 3Rs/resource efficiency/sound waste management.]</i></p> <p><b>h) Resource Efficiency, Energy Efficiency (including Cleaner Production aspects):</b></p> <ul style="list-style-type: none"> <li>- <i>Challenges and Opportunities in Achieving Resource-Efficient Economies in Asia</i>, by <b>Goh Swee Ooi</b>, Chief Operating Officer of Sembcorp Environment Pte Ltd and Chairman for the Waste Management &amp; Recycling Association of Singapore (15 min)</li> <li>- <i>The Need to Address Upstream Drivers of Resource Use</i>, by <b>Magnus Bengtsson</b>, Project Manager, Waste and Resources Project, Institute for Global Environmental Strategies (IGES) (15 min)</li> </ul> <p><b>i) Climate Change Mitigation/Co-benefits/CDM:</b>  <i>Addressing Climate Change Mitigation, Adaptation and Co-benefits through 3R Approach</i>, by <b>A. H. Md. Maqsood Sinha</b>, Executive Director, Waste Concern (15 min)</p> <p><b>j) Public-Private-Partnerships (PPP) for Sustainable Progress in Achieving the 3Rs:</b>  <i>PPP for High Recycling Rates, Institutional Frameworks and Models</i>, by <b>Anne Scheinberg</b>, Solid Waste Advisor, WASTE (15 min)</p> <p><b>k) Informal Sector/Social Aspects</b>  <i>Health and Labour Considerations as an Integral Part of 3R Promotion</i>, by <b>Susan Gunn</b>, Senior Technical Specialist, ILO (15 min)</p> <p><b>l) Recycling Technologies and Evaluation:</b>  <i>Recycling Technologies and Evaluation</i>, by <b>Yong Geng</b>, Chair Professor, Institute of Applied Ecology, Chinese Academy of Sciences (15 min)</p> <p><b>m) Prevention of Illegal Trade of Waste:</b>  <i>Prevention of Illegal Trade of Waste – Issues and Challenges</i>, by <b>Atsushi Terazono</b>, National Institute for Environmental Studies of Japan (15 min)</p> <p><b>Open discussion (40 min)</b>  <i>[Countries are highly encouraged to intervene and respond to the presentations, focusing on the policy gaps, institutional gaps and human resource issues faced in their countries for implementing these best practices and measures in the above-mentioned thematic areas.]</i></p>	<p><b>Chair:</b>  <b>Y.B. Dato' Seri Kong Cho Ha</b>  Honourable Minister, Ministry of Housing and Local Government, Malaysia</p> <p><b>Co-Chair:</b>  <b>Kazunobu Onogawa</b>, Director, United Nations Centre for Regional Development (UNCRD)</p>
19:00-21:00	<b>Welcome Reception Hosted by MoE-Japan</b> Venue: Washi, 4 <sup>th</sup> floor	

## Day 2: 12 November 2009, Thursday

Time	Programme	
9:00-10:45	<p><b>Session 4: Country Presentations – Sharing Lessons Learned from the National 3R Strategy Formulation Process in the Greater Mekong Sub-region and Other Countries</b> (Asuka, 4<sup>th</sup> floor)</p> <p><i>[In this session, six countries, namely, Viet Nam, Cambodia, Thailand, Bangladesh, Indonesia, and the Philippines will introduce their national 3R strategies, lessons learned during the formulation process, and future challenges and opportunities in implementing priorities identified in the strategies. Discussions will also be extended to develop understanding among these countries towards the goal of achieving resource efficiency, energy efficiency, and a sound material-cycle society, which could provide valuable lessons/examples to other countries in Asia.]</i></p> <p>Introduction of this session by Chair (5 min)</p> <ol style="list-style-type: none"> <li>1. <b>Viet Nam</b>, by <b>Nguyen The Dong</b>, Deputy Director General, Vietnam Environment Administration (15 min)</li> <li>2. <b>Cambodia</b>, by <b>Sokha Chrin</b>, Deputy Director General, Ministry of Environment (15 min)</li> <li>3. <b>Thailand</b>, by <b>Sunee Piyapanpong</b>, Director, Pollution Control Department, Ministry of Natural Resources and Environment (15 min)</li> <li>4. <b>Bangladesh</b>, by <b>Monzur Hossain</b>, Secretary, Local Government Division, Ministry of Local Government and Rural Development and Cooperatives (15 min)</li> <li>5. <b>Indonesia</b>, by <b>Susmono</b>, Director, Ministry of Environment and Ministry of Public Works (15 min)</li> <li>6. <b>The Philippines</b>, by <b>Emelita Aguinaldo</b>, Deputy Executive Director, Department of Environment and Natural Resources (15 min)</li> </ol> <p><b>Open Discussion</b> (10 min) <i>[The open discussion will specifically encourage donor communities for interventions.]</i></p>	<p><u>Chair:</u> <b>Ryutaro Yatsu</b>, Director General, Waste Management and Recycling Department, Ministry of the Environment, Japan</p>
10:45-11:05	<b>Coffee Break</b>	
11:05-12:35	<p><b>Session 5-1: Strengthening the Networking/International Cooperation for the 3Rs</b> (Asuka, 4<sup>th</sup> floor)</p> <p>Introduction of this session by the Chair (5 min)</p> <ol style="list-style-type: none"> <li>1. <i>A Green Growth Approach to Solid Waste Management</i>, by <b>Karin Andersson</b>, United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) (12 min)</li> <li>2. <i>UNEP activities on 3R</i>, by <b>Takehiko Nakamura</b>, United National Environment Programme (UNEP/IETC) (12 min)</li> <li>3. <i>National Cleaner Production Centres</i>, by <b>Taizo Nishikawa</b>, United Nations Industrial Development Organization (UNIDO) ITPO Tokyo (12 min)</li> <li>4. <i>Effective Control of Transboundary Movement of Wastes/Resources in Asia</i>, by <b>Ibrahim Shafii</b>, the Secretariat of the Basel Convention (12 min)</li> <li>5. <i>Support for Sustainable Cities in Asia: ADB's Urban 3R Strategy</i>, by <b>Michael Lindfield</b>, Asian Development Bank (ADB) (12 min)</li> </ol> <p><i>[International organizations' presentations will be focused on the introduction of their programmes and activities on the 3Rs and how they would complement the objectives of the Regional 3R Forum and thereby make meaningful contributions to the participating countries as their responses to the needs and priorities identified by the participating countries at the Preparatory Meeting for the Inaugural Meeting of the Regional 3R Forum in Asia in June 2009.]</i></p> <p><b>Open Discussion</b> (25 min) <i>[The open discussion will encourage participating countries in particular developing countries, to address their needs and priorities for consideration by the international organizations/donor communities.]</i></p>	<p><u>Chair:</u> <b>Supat Wangwongwatana</b>, Director General, Pollution Control Department, Ministry of Natural Resources and Environment, Thailand</p>
12:35-13:40	<b>Lunch</b> (Seifu and Kaen, 4 <sup>th</sup> floor)	

13:40-15:40	<p><b>Session 5-2: Strengthening the Networking/International Cooperation for the 3Rs</b> (Asuka, 4<sup>th</sup> floor)</p> <p>Introduction of this session by the Chair (5 min)</p> <ol style="list-style-type: none"> <li>1. <i>GTZ's Activities in the Area of the Waste Management in Asia – Routes for the Future</i>, by <b>Sandra Spies</b>, German Technical Cooperation (GTZ) (12 min)</li> <li>2. <i>JICA's Activities in the Area of 3R/Waste Management in Asia – Good Practice and Lessons Learned</i>, by <b>Naoki Mori</b>, Japan International Cooperation Agency (JICA) (12 min)</li> <li>3. <i>Industries and Businesses Activities on 3R</i>, by <b>Fumio Sameshima</b>, Nippon Keidanren (12 min)</li> <li>4. <i>Macro-policy Transformation and Stakeholder Empowerment for 3Rs - Lessons and Findings from Asia - Pacific Forum for Environment and Development (APFED)</i>, by <b>Kim Myung-Ja</b>, APFED, the Green Korea 21 Forum, and Former Environment Minister of Republic of Korea (12min)</li> <li>5. <i>Research Needs for 3R promotion – Case of Asia Resource Circulation Research Project and Its Activities</i>, by <b>Yasuhiko Hotta</b>, IGES (12min)</li> <li>6. <i>Report of the Second 3R Conference for Asian Local Governments</i>, by <b>Akio Okumura</b>, Japan Environment and Sanitation Center (JESC) (12min)</li> <li>7. <i>NGO's Aspects of 3R in Asia</i>, by <b>Yuko Sakita</b>, Asia 3R Citizen's Forum (12min)</li> </ol> <p><i>[International organizations' presentations will be focused on the introduction of their programmes and activities on the 3Rs and how they would complement the objectives of the Regional 3R Forum, and thereby make meaningful contributions to the participating countries as their responses to the needs and priorities identified by the participating countries at the Preparatory Meeting for the Inaugural Meeting of the Regional 3R Forum in Asia in June 2009.]</i></p> <p>Open Discussion (25 min) <i>[The open discussion will encourage participating countries, in particular developing countries, to address their needs and priorities for consideration by the international organizations/donor communities.]</i></p>	<p><u>Chair:</u> <b>Melchor Rosales</b>, Undersecretary, Department of the Interior and Local Government, the Philippines</p>
15:40-16:00	<b>Coffee Break</b>	
16:00-17:15	<p><b>Session 6: Adoption of the Tokyo 3R Statement – Towards the Establishment of the Regional 3R (Reduce, Reuse and Recycle) Forum in Asia</b> (Asuka, 4<sup>th</sup> floor)</p>	<p><u>Chair:</u> <b>Nobumori Otani</b>, Parliamentary Secretary of the Environment, Japan</p> <p><u>Facilitators:</u> <b>Kazunobu Onogawa</b>, Director, UNCRD /C. R. C. <b>Mohanty</b>, Environment Programme Coordinator, UNCRD</p>
17:15-17:30	<p><b>Closing Session</b> (Asuka, 4<sup>th</sup> floor)</p> <ul style="list-style-type: none"> <li>• <b>Nobumori Otani</b>, Parliamentary Secretary of the Environment</li> <li>• <b>Kazunobu Onogawa</b>, Director, UNCRD</li> </ul>	