

LCS-RNet 11th Annual Meeting

Technology transfer and international collaboration to achieving Low Carbon Societies

Rome, 17-18 October 2019

ENEA Headquarters - Lungotevere Thaon de Revel, 76

AGENDA

DAY 1 : 17 October 2019

9:00	Registration	
9:30 (30 mins)	Welcome address • Mr. Roberto Morabito (Head of the Department for Sustainability, ENEA, Italy) Introduction of the meeting • Ms. Mikiko Kainuma (LCS-RNet Secretariat - IGES, Japan)	
10:00 (120 mins) 25x4=100 mins Discussion: 20 mins	Plenary 1: How can innovation and international collaboration help achieving a low carbon resilient society? Chair: Ms. Maria Velardi (ENEA, Italy) Rapporteur: Mr. Giacomo Pallante (ENEA, Italy) <ol style="list-style-type: none"> Innovation and energy transition (Mr. Dolf Gielen – IRENA) Technology framework under the UNFCCC : the Climate Technology Centre and Network (CTCN) experience (Mr. Federico Villatico-Campbell - CTCN) Developing countries' perspective (Mr. Jiang Kejun – ERI, China) (via video link) Technology transfer activities by ENEA in the context of ENEA-Italian MoE Agreement (Ms. Maria Velardi - ENEA Italy) 	
12:00	Coffee Break	
12:15 (90 mins) 15x4=60 mins Discussion: 30 mins	Parallel Session 1-1: Key themes in the new technology framework: Innovation, implementation, capacity building, stakeholder involvement and finance Chair: Mr. Sergio La Motta (ENEA, Italy) Rapporteur: Mr. Tomoo Machiba (CTCN) <ol style="list-style-type: none"> Actions taken by IFAD (Mr. Sebastien Subsol, IFAD – Rome) 	Parallel Session 1-2: Increase NDCs ambitions, the global stocktake process Chair: Mr. Toshihiko Masui (NIES, Japan) Rapporteur: Mr. Kentaro Tamura (IGES, Japan) <ol style="list-style-type: none"> Nationally Determined Contributions under the Paris Agreement and the costs of delayed action (Mr. Matthew

	<ol style="list-style-type: none"> 2. Capacity building for new technologies (Mr. Jens Burgtorf - GIZ, Germany) 3. Implementation of new technologies in Malaysia to achieve low carbon societies – Innovation, capacity building and stakeholder involvement (Mr. Ho Chin Siong - UTM, Malaysia) 	<p>Winning - UCL, UK)</p> <ol style="list-style-type: none"> 2. The economic implications of Nationally Determined Contributions: An analysis on growth and competitiveness (Mr. Ramiro Parrado - CMCC, Italy) 3. Tool for global stocktake and scenario analysis (comparison using “template”) (Mr. Christophe Cassen – CIRED, France and Mr. Toshihiko Masui - NIES, Japan) 4. Implementing NDC in Thailand (Mr. Bundit Limm - SIIT-TU, Thailand)
13:45 (60 mins)	Lunch	
14:45 (75 mins) 15 x 4 = 60 mins Discussion: 15 mins	<p>Plenary 2: Material efficiency and circularity of bulk materials as core GHG mitigation levers (Wuppertal Institute - ENEA)</p> <p>Chair: Mr. Stefan Lechtenböhmer (WI, Germany)</p> <p>Rapporteur: Mr. Fabio Eboli (ENEA, Italy)</p> <ol style="list-style-type: none"> 1. Material efficiency and circularity as key lever for climate mitigation and sustainability (Mr. Henning Wilts - WI, Germany) 2. Material efficiency in clean energy transitions (Ms. Tiffany Vass - IEA) 3. Climate policy interactions with resource use, ecosystem services, biodiversity, and human health (Mr. Paul Ekins - UCL, UK) 4. European initiatives for material efficiency and circularity (Ms. Grazia Barberio - ENEA, IT) 	
16:15 (90 mins) 20x 4=80 mins Discussion: 10 mins	<p>Parallel Session 2-1: National and sectoral strategies for combined material efficiency and GHG mitigation</p> <p>Chair: Ms. Claudia Brunori (ENEA, Italy)</p> <p>Rapporteur: Mr. Christophe Cassen (CIRED, France)</p> <ol style="list-style-type: none"> 1. French vision for a circular economy and associated research programs to measure the impacts of a more circular economy by 2050 (Ms. Fanny Vicard - ADEME, France) 2. Circular economy and GHG mitigation strategies from Japan: Building a Regional 	<p>Parallel Session 2-2: Restructuring of processing industries and local strategies for material efficiency and climate mitigation</p> <p>Chair: Mr. Stefan Lechtenböhmer (WI, Germany)</p> <p>Rapporteur: Mr. Rahul Pandey (IGSA Labs, India)</p> <ol style="list-style-type: none"> 1. Industrial decarbonization and industrial policy (Mr. Max Ahman - University of Lund, Sweden) 2. Action in cities: housing and SDGs in

	<p>Circular and Ecological Sphere to achieve a sustainable society (Mr. Shuichi Ashina – NIES, Japan)</p> <p>3. GIZ's Nigeria's support towards achieving National and sectoral strategies for GHG mitigation in the industrial and building sector (Ms. Ene Macharm - Nigerian Energy Support Programme (NESP), GiZ)</p> <p>4. Multi-sectoral wide EU approach for the closure of the loop of a critical raw material: the European phosphorus platform (Ms. Anna Laura Eusebi – Polytechnic University of Marche, Italy)</p>	<p>Mexico (Mr. N. Tollin - University of Southern Denmark)</p> <p>3. Local low-carbon strategy in the UK (Mr. Peter Taylor - University of Leeds, UK)</p> <p>4. Tool for resource efficiency and GHG mitigation: Industrial Symbiosis and Resources Audit (Ms. Erika Mancuso - ENEA, Italy)</p>
17:45	Refreshment break	
18:00	Summary of the day by chairmen and rapporteurs: discussion	
18:30	Adjourn	

DAY 2 : 18 October 2019

<p>9:30 (70 mins) 20 x 3 =60 mins Discussion: 10 mins</p>	<p>Plenary 3: How to steer investments towards carbon neutral, resource efficient and resilient economy</p> <p>Chair: Mr. Jean-Charles Hourcade (CIRED, France)</p> <p>Rapporteur: Mr. Christophe Cassen (CIRED, France)</p> <ol style="list-style-type: none"> Sustainable Finance Taxonomy and Carbon Pricing (Mr. Aldo Ravazzi, MoE Italy - TA Sogesid) Investment in low carbon infrastructures for sustainable development (Mr. Dipak Dasgupta) (via video link) Making the low carbon investment transition happen (Mr. Massimo Tavoni - CMCC, Italy) (via video link) 	
<p>10:40 (80 mins) 15x 4=60 mins Discussion: 20 mins</p>	<p>Parallel Session 3-1: Barriers and opportunities of financing/investing in mitigation and adaptation projects (international perspective)</p> <p>Chair: Mr. Aldo Ravazzi (MoE Italy - TA Sogesid)</p> <p>Rapporteur: Ms. Karima Oustadi (MoE Italy - TA Sogesid)</p>	<p>Parallel Session 3-2: Financing a resource efficient and resilient economy at the local level</p> <p>Chair: Mr. Christophe Cassen (CIRED, France)</p> <p>Rapporteur: Mr. Rahul Pandey (IGSA Labs, India)</p> <ol style="list-style-type: none"> Strategic agenda for research and

	<ol style="list-style-type: none"> 1. Opportunities for de-risking of renewable energy investments and results-based climate finance - A private-sector view (Mr. Thomas Stetter – SI - Solar Investments SRL) 2. Can the Paris deal boost SDGs achievement? An assessment of climate mitigation co-benefits or side-effects on poverty and inequality (Ms. Lorenza Campagnolo - CMCC, Italy) 3. Linking technology transfer and financing under the UNFCCC and other mechanisms (Mr. Tomoo Machiba - CTCN) 	<p>innovation on circular economy funding: EIT Climate KIC and CICERONE project (Ms. Cliona Howie - Climate KIC)</p> <ol style="list-style-type: none"> 2. Financing home energy retrofits in France (Mr. Louis-Gaetan Giraudet - CIRED, France) 3. Climate services to upscale climate finance (Ms. Sophie Dejonckheere - CICERO) 4. Funding strategies for circular economy (Mr. Luca Meini - ENEL)
12:00	<p>Panel discussion: Long-term strategies toward decarbonization</p> <p>Co-chairs and facilitators: Mr. Sergio la Motta (ENEA, Italy) / Ms. Mikiko Kainuma (IGES, Japan) Rapporteur: Mr. Rahul Pandey (IGSA Labs, India)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Italy: (Mr. Alessandro Caretoni - MoE Italy) • UK: (Mr. Mike Thompson - Committee on Climate Change, UK) (via video link) • France: (Mr. Quentin Deslot - French Ministry of Environment and LCS-RNet government focal point) • Germany: (Mr. Stefan Lechtenböhmer - WI, Germany) • EU: A Clean Planet for all - A European strategic long-term vision for a prosperous, modern, competitive and climate neutral economy (Ms. Birgit Aru - European Commission) • Japan: (Ms. Moeko Yoshitomi - Ministry of the Environment, Japan) • Asia: (Mr. Ho Chin Siong – UTM, Malaysia) 	
13:30 (75 mins)	Lunch	
14:45 (75 mins) 20 x 3 =60 mins Discussion: 15	<p>Plenary 4: Energy- Climate link (UKERC-NIES)</p> <p>Chair: Mr. Jim Watson (UKERC, UK)</p> <p>Rapporteur: Mr. Rahul Pandey (IGSA Labs, India)</p> <ol style="list-style-type: none"> 1. The geopolitics of the energy transformation (Ms. Kirsten Westphal - German Institute for International and Security Affairs) (via video link) 	

mins	<ol style="list-style-type: none"> 2. The ENABLE.EU project (Mr. Stefano Proietti - Institute of Studies for the Integration of Systems (ISINNOVA), Italy) 3. 100% Renewable Energy Scenarios in 2050 for Japan (Mr. Jusen Asuka – Tohoku Univ., Japan) 	
<p>16:00 (75 mins) 15x 4=60 mins or Discussion: 15 mins</p>	<p>Parallel Session 4-1: Challenges and opportunities from fossil energy to renewable energy</p> <p>Chair: Mr. Kentaro Tamura (IGES, Japan) Rapporteur: Ms. Erin Kawazu (IGES, Japan)</p> <ol style="list-style-type: none"> 1. German coal phase out agreement – and how that relates to their energy transition plans and policies (Mr. Pao-Yu Oei - Technische Universität Berlin-WIP) 2. Renewable energy and sustainable development strategies in developing countries (Mr. Rahul Pandey - IGSA Labs, India) 3. Current landscape and future evolutions of the power sector in Italy (Mr. Alessio Cipullo - Elettricità Futura, Italy) 4. Power to Gas technologies and innovative use of existing energy infrastructures to meet the long term CO2 neutrality goal (Mr. Paolo Deiana - ENEA, Italy) 	<p>Parallel Session 4-2: How to change policies, markets and lifestyle for energy transition?</p> <p>Chair: Mr. Shuichi Ashina (NIES, Japan) Rapporteur: Ms. Tomoko Ishikawa (IGES, Japan)</p> <ol style="list-style-type: none"> 1. Role of lifestyles on the demand side in SNBC2 (Mr. Quentin Deslot - French Ministry of Environment, France) 2. Low carbon development strategy and energy transition in China (Mr. Jiang Kejun - ERI, China) (via video link) 3. Reduction of energy service demands by introducing ICT services (Ms. Zhang Xiaoxi - NTT, Japan) 4. Monitoring of Energy Efficiency Policies in Italy (Mr. Alessandro Federici – ENEA, Italy)
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