

Joint inno4sd.net - Future Earth Symposium
Eco-Innovation for the Water-Energy-Food Nexus
17-18 November 2016

Event webcast via: www.inno4sd.net

Hosted by The Cyprus Institute, Future Earth MENA Regional Centre



Athalassa Campus, 20 Konstantinou Street
2121 Aglantzia, 1645 Nicosia Cyprus

17 November

8:30	Registration
	Moderation: Astrid Severin, <i>Greenovate! Europe</i> (Belgium)
9:00	Welcome to the Future Earth MENA Regional Centre Manfred Lange – <i>The Cyprus Institute</i> Nikolaos Mihalopoulos – <i>National Observatory of Athens</i> (Greece)
9:05	Strategic approach to the nexus and global co-operation of sustainability networks Paul Vossen – <i>European Commission</i> (Belgium)
9:15	inno4SD.net– An emerging network of networks about innovation for sustainable development Carlos Montalvo – <i>TNO</i> – inno4SD.net coordinator (Netherlands)
9:25	Future Earth – Fostering research for global sustainability Thorsten Kiefer – <i>Future Earth, Paris Hub</i> (France)
9:35	Keynote – Challenges and Opportunities in the Water-Energy-Food Nexus Paul Yilia – <i>International Institute for Applied Systems Analysis</i> (Austria)
9:55	Keynote – Water-Energy-Food Nexus: The crossroads with sustainable innovation Raimund Bleischwitz – <i>University College London</i> (United Kingdom)
10:15	Coffee Break

10:45 Panel Discussion: Understanding Eco-Innovations and the Nexus
Chairman: Michal Miedzinski – *University College London* (United Kingdom)

Panel

Khalil El Bakari – *The Netherlands Organisation for Scientific Applied Research* (Netherlands)

René Kemp – *MERIT University of Maastricht* (Netherlands)

Fred Steward – *Policy Studies Institute* (United Kingdom)

Priya Dasgupta – *BOP Global Network* (United States)

Florian Lüdeke – *University of Hamburg* (Germany)

Liazzat Rabbiosi – *United Nations Environment Programme* (France)

Rapporteur: Raimund Bleischwitz – *University College London* (United Kingdom)

12:30 Lunch

14:00 Future Earth Knowledge Action Network (KAN) on the Nexus and Cities

Sandrine Paillard – *Future Earth, Paris Hub* (France)

Jean Patrick Toussaint – *Future Earth, Montreal Hub* (Canada)

14:15 Introduction to Parallel Sessions

Fernando Diaz Lopez, TNO

1. The Nexus and Urban Development

Chairman: Carlos Montalvo – *TNO* (Netherlands) / Co-Chair: Jean-Patrick Toussaint – *Future Earth* (Canada)

Rapporteur: Thorsten Kiefer – *Future Earth* (France) & Claudio Baccianti (Germany)

14:30 EIT KIC-Climate Transition Cities – Fred Steward, *Policy Studies Institute* (United Kingdom)

14:45 Nexus: Investigating the concept through the application of a sustainable sanitation system, the Case of Zerzara, Hurghada, Egypt – Anas Alhowaily, *TU Berlin* (Germany)

15:00 Mapping integrative imaginaries of Danish urban water governance: advancing nexus governance theorization in support of inclusive and desirable path-creation – Chiara Fratini, *SPRU-University of Sussex* (United Kingdom)

15.15 Sustainable renovation models for smarter cities: Experiences from eight European cities – Katharina Krell, *Greenovate! Europe* (Belgium)

15.30 Coffee break

16:00 Role of business in the Nexus – Liazzat Rabbiosi, *United Nations Environment Programme* (France)

16:15 Towards Smart Communities, Electrification and Sustainable Energy – Khalil El Bakari, *TNO* (Netherlands)

16.30 Form, Function and Efficiency issues as a pre-condition to Smart City development – Juan Alayo, *Strategic City Planning & Research* (Spain)

16:45 Moderated Discussion

2. Addressing Nexus Challenges in the MENA Region

Chairman: Manfred Lange – *The Cyprus Institute* / Co-Chair: Astrid Severin – *Greenovate! Europe* (Belgium)

Rapporteurs: Simone Tagliapietra & Lucia dal Negro – *SEEDS* (Italy)

- 14:30 **Challenges for the MENA Nexus** - Manfred Lange, *The Cyprus Institute*
- 14:45 **Bibliotheca Alexandrina Capacity Building Programs Helping Young Researchers of our Region** – Salah Soliman, *Bibliotheca Alexandrina* (Egypt)
- 15:00 **Strengthening the scientific foundation of water quality programmes: The case of the Kalo Horio Basin and the Larnaca Salt Lake** – Charalambous Panayiotou, *Atlantis Consulting* (Cyprus)
- 15:15 **Sustainable solutions addressing water scarcity and agriculture in Jordan** – Michael Gilmont, *University of Oxford* (United Kingdom)
- 15:30 **Coffee break**
- 16:00 **Partnerships enhancing BoP: cases from Tunisia, Egypt and Mexico** – Philippe Jochaud, *Global CAD, BOB Lab* (Spain)
- 16:15 **Water-Energy Nexus in Jordan Valley** – Louy Qoaider, *German Jordan University Amman, School of Natural Resources, Engineering and Management* (Jordan)
- 16:30 **Moderated Discussion**

3. Eco-Innovation for Better Access to Water, Energy and Food

Chairman: Massimiliano Mazzanti – *University of Ferrara* (Italy) / Co-Chair: Sandrine Paillard – *FutureEarth* (France)

Rapporteur: Imke De Kock – *Stellenbosch University* (South Africa)

- 14:30 **Philosophical concepts of justice and equity as a basis for governing the WEF nexus** – Meike Henseleit *Forschungszentrum Jülich GmbH* (Germany)
- 14:45 **Knowledge Networks of Grassroots: Addressing nexus challenge** – Anamika Dey, *HoneyBee Network* (India)
- 15:00 **Geopolitics of water in the MENA Region** – Ahmet Evin, *Sabancı University Istanbul Policy Centre* (Turkey)
- 15:15 **Coffee Break**
- 15:45 **Nexus – West African Region** – Tayyab Safdar, *University of Cambridge* (United Kingdom)
- 16:00 **To what end? Drip irrigation and the water-energy-food nexus in Morocco** – Guy Jobbins, *Water Policy Overseas Development Institute* (United Kingdom)
- 16:15 **Moderated Discussion**

17:30	<p>Report to Plenary <i>Exploring Synergies from the Parallel Sessions: Identified Solutions and Best Practices</i></p> <p>Report on the Nexus and Smart City Development, with Q&A – Carlos Montalvo, <i>TNO</i> Report on Addressing Nexus Challenges in the MENA Region, with Q&A – Manfred Lange, <i>The Cyprus Institute</i> Report on Eco-Innovation for Better Access to Water, Energy and Food, with Q&A – Massimiliano Mazzanti, <i>University of Ferrara</i></p>
18:00	End of Day One
20:00	Symposium Dinner

18 November

8:45	Arrival of Participants
	Collaborative Research Agenda Process for the Water-Energy-Food Nexus
9:00	Introduction – Michal Miedzinski – <i>University College London</i> (United Kingdom) & Astrid Severin – <i>Greenovate! Europe</i> (Belgium)
9:05	World Café Session
	<p><i>Table 1 – Policy Appraisal Tools and Analytic Frameworks</i> Host: Raimund Bleischwitz (UCL) – Rapporteur: Michal Miedzinski (UCL)</p> <p><i>Table 2 – Governance and Institutions</i> Host: René Kemp (UNU-MERIT) – Rapporteur: Fernando Diaz Lopez (TNO)</p> <p><i>Table 3 – Cities</i> Host: Jean-Patrick Toussaint (Future Earth) – Rapporteur: Emma Langevin (Future Earth)</p> <p><i>Table 4 – Nexus Impacts on Sustainable Development Goals</i> Host: Manfred Lange (Cyprus Institute) – Rapporteur: Sandrine Paillard (Future Earth)</p> <p><i>Table 5 – Innovation & Technology Transfer</i> Host: Carlos Montalvo (TNO) – Rapporteur: Massimiliano Mazzanti (UNIFE)</p>
11:00	Coffee Break

11.20	Presentation of World Café Conclusions <i>Table Rapporteurs</i>
11:50	Funding schemes and opportunities: Belmont Forum, European PRIMA Fund and ERA-Net – Paul Vossen, <i>European Commission, DG Research and Innovation (Belgium)</i>
12:10	Next Steps for Future Research and Concluding Remarks Jean-Patrick Toussaint & Sandrine Paillard – <i>Future Earth</i> Carlos Montalvo – <i>TNO/inno4sd</i>
12:30	Introduction to Solar Programmes in Cyprus and Visit to Linear Fresnel Solar Energy System Manfred Lange – <i>The Cyprus Institute</i>
13:00	Lunch
14:00	Cyprus Institute Site Visits Bus Transfer to PROTEAS Concentrated Solar Power Plant & Solar Research Facility
17:00	End of Symposium
