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Innovation for Sustainable  
Development Network

## Africa-Europe Dialogue Symposium on Innovation for Sustainable Development

Enabling Global Knowledge Transfer for the Wellbeing  
Economy

*CSIR International Convention Centre  
Pretoria, South Africa  
29 November – 1 December 2017*

Co-organised with:



In Collaboration with:



# Africa-Europe Dialogue Symposium on Innovation for Sustainable Development

29 November – 1 December 2017

Wednesday, 29 November

8:30	Registration
9:00	<p><b>Introduction and Welcome</b> Introduction by event moderator: Ms. Astrid Severin, <i>Greenovate! Europe</i> (Belgium)</p> <p>Symposium chairs: Professor Massimiliano Mazzanti, University of Ferrara (Italy) Professor Alan Brent, Stellenbosch University and Centre for Renewable and Sustainable Energy Studies (South Africa)</p>
9:10	<p><b>Welcome Speech from the European Commission</b> Dr Marcus Cornaro, <i>Head of the EU Delegation to South Africa</i></p>
9:20	<p><b>Welcome from the Government of South Africa</b> Mr. Imraan Patel, <i>Deputy Director General of the Department of Science and Technology</i></p>
9:30	<p>Mr Alf Wills, <i>Deputy Director General - Environmental Advisory Services, Department of Environmental Affairs</i></p>
9:40	<p><b>Introduction to the Council for Scientific and Industrial Research (CSIR) and the relevance of Innovation for Sustainable Development in Africa</b> Dr Rachel Chikwamba, <i>Council for Scientific and Industrial Research, Group Executive Industrial Development.</i></p>
10:00	<p><b>ino4SD.net- The network of networks about innovation for sustainable development</b> Dr Fernando J. Diaz Lopez - <i>TNO/ inno4sd.net</i> (Netherlands) &amp; Stellenbosch University (South Africa).</p>
10:20	<p><b>Keynote – African challenges for achieving SDGs and the role of knowledge Transfer</b> Dr Linda Godfrey – <i>Council for Scientific and Industrial Research</i> (South Africa)</p>
10:50	Coffee Break
11:20	<p><b>Panel Discussion: Enabling Global Knowledge Transfer for the Wellbeing Economy</b> Chairman: Professor Alan Brent, <i>Stellenbosch University</i> (South Africa) Rapporteur: Imke de Kock, <i>Stellenbosch University</i> (South Africa)</p> <ul style="list-style-type: none"> <li>- Mr. Imraan Patel, <i>Deputy Director General, Department of Science and Technology</i> (South Africa)</li> <li>- Mr. Alf Wills, <i>Deputy Director General - Environmental Advisory Services, Department of Environmental Affairs</i> (South Africa)</li> <li>- Dr Rachel Chikwamba, <i>Council for Scientific and Industrial Research, Group Executive Industrial Development.</i></li> <li>- Dr Linda Godfrey – <i>Council for Scientific and Industrial Research</i> (South Africa)</li> <li>- Professor Massimiliano Mazzanti, University of Ferrara (Italy)</li> </ul>

12:20	Networking Lunch	
<b>Parallel Sessions</b>		
13:20	<p><b>Panel 1. Sustainable Energy Transition in Sub-Saharan Africa</b>  Chairman: Dr Simone Tagliapietra, <i>Catholic University Milan &amp; Fondazione Eni Enrico Mattei, Milan (Italy)</i>  Rapporteur: Dr. Massimiliano Mazzanti, <i>UNIFE (Italy)</i></p> <p>Professor Alan Brent, <i>Stellenbosch University and Centre for Renewable and Sustainable Energy Studies (South Africa)</i></p> <p>Professor Manfred Hafner, <i>Johns Hopkins University SAIS; Enerdata; Fondazione Eni Enrico Mattei (Italy)</i></p> <p>Dr Francis Perrin, Senior Fellow at the <i>OCP Policy Center (Morocco)</i></p> <p>Mr. Paul van den Oosterkamp, <i>ECN Policy Studies (Netherlands)</i></p> <p>Mr. Bolade Soremekun, <i>Rubitec Ltd (Nigeria)</i></p>	<p><b>Panel 2. Sustainable innovation for a circular economy: the implementation challenge</b>  Chairman: Mr Peter Defanceschi (<i>ICLEI Europe</i>)  Rapporteur: Ms Ania Rok, <i>ICLEI Europe (Germany)</i></p> <p><b>2.1. The role of cooperation: city and regional networks in support of innovation for sustainable development.</b>  <i>ICLEI's experience in supporting local governments for sustainable development</i>  Ms. Grace Stead, <i>ICLEI Africa Secretariat (South Africa)</i></p> <p><b>2.2. Designing and implementing transitions at the local level: the role of local public administrations</b>  <i>Amsterdam Metropole Area Transition Programme.</i>  Ms. Marjolein A.J. Brasz, <i>Amsterdam Economic Board (Netherlands)</i></p> <p><i>Designing and implementing local transitions in Cape Town, South Africa.</i>  Councillor Johannes van der Merwe, <i>Mayoral Committee Member for Finance – with Ms. Amy Davison, Head of Environmental Strategy Implementation, Environmental Management Department (South Africa)</i></p> <p><b>2.3. Local procurement for sustainable innovation.</b>  <i>Practical implications of sustainable procurement.</i>  Mr. Moroka Kaotsane, <i>Sustainable Procurement Champion, City Ms Dolly Mafa, Mayor's Office of the Municipality of Tshwane, Global Lead City Network on Sustainable Procurement (South Africa)</i></p>
14:50	Coffee break	
15:20	<p><b>Panel 2. Sustainable Innovation for the Circular Economy (continued): – linking administrative and business practice</b>  Chairman: Dr Carlos Tapia, <i>Tecnalia (Spain)</i>  Rapporteur: Mr. Pierre Manger, <i>Tecnalia (Spain)</i></p>	<p><b>Panel 3. Inclusive Models for Innovative Green Technology Transfer</b>  Chairman: Dr Lucia Dal Negro, <i>Catholic University Milan and DLAB (Italy)</i>  Rapporteur: Dr Nicolò Barbieri, <i>University of Ferrara (Italy)</i></p>



	<p><b>2.4. When regulation is not enough: small scale mining laws in Ghana</b> Dr Nathan Andrews, University of Northern British Columbia (Canada)</p> <p><b>2.5. Practical support for innovations towards resilient, green and circular economies: the GreenCape Sector Development Agency</b>  Dr Lauren Basson, Manager: Technical and Knowledge, GreenCape (South Africa)</p> <p><b>2.6. Closing the loop of materials at End-of-Life: – the WEEE perspective in South Africa</b>  Mr. Malcolm Whitehouse, e-WASA (South Africa)</p>	<p><b>3.1 Frugal innovations and grassroots innovation in supporting a Water-food-energy nexus thinking on green technology transfer</b>  Professor Salvatore Monni, <i>Università Roma Tre</i> (Italy)  Dr Venkata Gandikota, <i>The Nordic Frugal Innovation Society</i> (Finland)  Dr Jordyan Corcoran, <i>Skoll Centre for Social Entrepreneurship</i> (United Kingdom)</p> <p><b>3.2. Inclusive Business as driver for boosting the replication of green-technology solutions in Africa.</b>  Professor Luca Crudeli, <i>DAI – International Trade and Development (Mozambique)</i>  Dr Sandra Schillo, <i>Ottawa University (Canada)</i>  Ms. Tine Fisker Henrisken, <i>Bertha Centre for Social Innovation (South Africa)</i>  Mr. John Kakungulu Walugembe, <i>Uganda Small Scale Industries Association (Uganda)</i></p>
16:50	Coffee Break	
17:00	<b>Report to Plenary</b>	
17:10	Sustainable Energy Transition in Sub-Saharan Africa	
17:20	Sustainable Innovation for the Circular Economy	
	Inclusive Models for Innovative Green Technology Transfer	
17:30	<b>Thuli Madonsela Good Governance Lecture</b> Joint session with the Wellbeing Economy Festival – Introduced by Thuli Madonsela (South Africa)  <i>From charity to sharity: Africa's wellbeing through creativity and leadership</i> Mr. Marence Bart Williams, author, film-maker and fashion designer (Sierra Leone)	
19:30	Joint Cocktail with the Wellbeing Economy Festival – CSIR Terrace	
21:00	Event Dinner at Tribeca Restaurant (inno4sd registered attendees only)	



Thursday, 30 November

8:30	Registration	
9:00	<b>Introduction by Moderator</b> Ms. Astrid Severin, <i>Greenovate! Europe</i> (Belgium)	
9:05	<b>Keynote on challenges for achieving SDGs and the role of innovation</b> Professor Frans Berkhout, <i>Kings College London</i> (United Kingdom)	
9:30	<b>World Café – Innovation for the Sustainable Development Goals</b> Chair: Ms. Katharina Krell, <i>Greenovate! Europe</i> (Belgium)  Introduction by chair followed by dialogue on the following topics: <b>1. Food Security and Sustainable Agriculture</b> <b>2. Climate Action</b> <b>3. Affordable and Clean Energy</b> <b>4. Clean Water and Sanitation</b> <b>5. Responsible Consumption &amp; Production</b>	
9:40	Round 1 – On all 5 topics	
10:30	Change tables	
10:40	Round 2– On all 5 topics	
11:30	Coffee	
12:00	<b>Network forum</b> Network representatives attending the symposia will give short presentations of their networks and programmes: RECPnet, STRN, SEEDS, WE Africa, FSLCI, Future Earth Open network.	
13:00	Lunch	
14:00	<b>World Café – Report to Plenary</b>	
14:10	<b>1. Food Security and Sustainable Agriculture</b>	
14:20	<b>2. Climate Action</b>	
14:30	<b>3. Affordable and Clean Energy</b>	
14:40	<b>4. Clean Water and Sanitation</b>	
14:50	<b>5. Responsible Consumption &amp; Production</b>	
15:00	Discussion	
15:00	Coffee break	
<b>Parallel Sessions</b>		
15:30	<b>Eco-innovation Policies Session</b> Chair: Dr. Michal Miedzinski, UNCTAD (Switzerland) Rapporteur: Mr. Georg Pallaske, KnowEdge Srl (Germany)	<b>Critical challenges of Innovation for Sustainability in an African context.</b> Chair: Dr Anna Wieczorek, <i>Sustainability Transitions Research Network</i> (Netherlands) Co-chair: Dr Bruno Turnheim, <i>Kings College London</i> (United Kingdom)





	<p><b>1. Country presentations eco-innovation policies in South Africa, the UK and Turkey</b></p> <ul style="list-style-type: none"> <li>- UK: Dr Will McDowall, University College London (UK)</li> <li>- Turkey: Ms. Ipek Peri Savut, UNU-MERIT, (Netherlands)</li> <li>- South Africa: Professor Alan Brent, Stellenbosh University, South Africa</li> <li>- Sweden: Dr Berit Gulbrandsson, RISE (Sweden)</li> </ul> <p><b>2. Interactive policy-makers panel</b></p> <ul style="list-style-type: none"> <li>- Mr. Vedat Sinan Tandogan, <i>Scientific and Technological Research Council</i> (Turkey)</li> <li>- Mr Henry Roman, Department of Science and Technology (South Africa)</li> <li>- Dr Inga Jacobs-Mata, CSIR, South Africa</li> <li>- Mr Göran Marklund, VINNOVA, Sweden</li> </ul>	<ul style="list-style-type: none"> <li>- Dr Lucy Baker, <i>SPRU, Transformative Innovation Policy Consortium</i> (United Kingdom)</li> <li>- Professor Frans Berkhout, <i>Kings College London</i> (United Kingdom)</li> <li>- Jesse Fahnestock, <i>RISE</i> (Sweden)</li> <li>- Dr Elsie Onsongo, <i>African Studies Institute, University of Leiden</i> (Netherlands)</li> <li>- Dr Pieter van Heyningen, <i>SustNet &amp; School of Public Leadership</i> (South Africa)</li> <li>- Representative of the National Research Foundation (South Africa), <u>Speaker TBC.</u></li> </ul>
16:45	<p><b>Belmont Forum Steering Committee member on the vision and opportunities offered by the Belmont Forum</b> <i>Speaker TBC</i></p>	
17:00	<p><b>Concluding Remarks on the symposium</b></p> <ul style="list-style-type: none"> <li>- Professor Alan Brent, <i>Stellenbosch University</i> (South Africa)</li> <li>- Professor Massimiliano Mazzanti, <i>University of Ferrara</i> (Italy)</li> </ul>	
17:30	<p><b>ino4sd.net: future opportunities from a network of networks of innovation for global sustainability</b> Dr. Fernando J. Diaz Lopez - <i>TNO/ inno4sd.net</i> (Netherlands) &amp; Stellenbosch University (South Africa).</p>	
18:00	<p><b>End of Day Two</b></p>	
20:00	<p>Braai – Blue Crane Restaurant (ino4sd registered attendees only)</p>	





Friday, 1 December

Participants will be invited to participate in one of the following three events;

### 1. PhD & Early Career researchers Academy

The topic of the PhD Academy is “Innovation and knowledge transfer for Sustainable Development. Enabling a transition to a well-being and human development oriented society”. PhD students and early career researchers are invited to a 1 day training with guest lectures, poster sessions, etc. The Academy is co-organised by the Inno4sd network together with the Sustainability Transitions Research Network, the University of Pretoria, the CSIR and Future Earth.

8:00	Registration
8:30	<b>Welcome and opening</b>
9:00	<b>Session 1 selected lectures by course conveners and mentors</b>
10:30	Coffee break
11:00	<b>Session 2 PhD and early career researcher Colloquium (part 1)</b>
12:30	Lunch
13:30	<b>Session 2 PhD and early career researcher Colloquium (part 2)</b>
15:30	<b>Session 3: Feedback session</b> <i>Candidates that submitted work for review will in this session engage with the mentor that was assigned to them.</i>
17:00	<b>Session 4: Academy Close-out</b>
17:00	Wrap-up and end of activities

### 2. Eco-innovation workshop

This workshop, co-organised with the National Cleaner Production centre of South Africa, will address challenges related the development of eco-innovations. It will have a special focus on the European and the-African perspectives for implementing, measuring, and monitoring eco-innovation. The approach will seek for an exchange of best practices, overview of tools and debates on shared challenges.

8:00	Registration
8:30	<b>Welcome and introduction</b> Lee-Hendor Ruiters, National Cleaner Production Centre (South Africa)
8:40	<b>Setting up the scene: objectives of the day</b>



	Dr. Fernando J. Diaz Lopez (Inno4SD-TNO)
08:50	<b>Inno4SD – an emerging network of networks around science, policy and practice of innovation for sustainable development</b> Dr. Fernando J. Diaz Lopez (Inno4SD-TNO)
09:10	<b>South African progress with the Eco-Innovation Project UNEP</b> Lee-Hendor Ruiters, National Cleaner Production Centre (South Africa)
09:30	<b>Session 1. Eco-Innovation for sustainable development research: focus, theories, unsolved issues and emerging research agendas</b> Dr. Fernando J. Diaz Lopez (Inno4SD-TNO)
10:30	Coffee break
11:00	<b>Session 2. Eco-Innovation for sustainable development in business: insights on business models, business barriers, and market potential/opportunity areas</b> Dr. Fernando J. Diaz Lopez (Inno4SD-TNO)
12:30	Lunch
13:30	<b>Session 3: Eco-Innovation for sustainable development in policy making: global trends and policy frameworks and challenges for monitoring the environmental impacts of innovation</b> Dr. Fernando J. Diaz Lopez (Inno4SD-TNO)
15:00	<b>Guest Lecture on Measuring Eco-Innovation</b> Prof. Rene Kemp, Maastricht University (the Netherlands)
15:30	<b>Interactive session: towards a South African roadmap of Eco-innovation supporting a transition to Sustainability</b> (TBD inno4sd]
16:30	<b>Wrap up and conclusions</b>
17:00	<b>End of activities</b>

### 3. Site Visits

Local best practices from the Tshwane municipality & the Council for Scientific and Industrial Research (CSIR).

9:00	Meet at CSIR International Convention Centre
10:00	<b>Tshwane solar powered electric vehicle charging station</b>
11:30	<b>Tshwane House (City of Tshwane Headquarters)</b>
13:30	<b>Visit to the Council of Scientific of Industrial Research, solar energy facility</b>





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**Advancing the state-of-the-art in innovation for  
global sustainability**

The Innovation for Sustainable Development Network (inno4sd.net®) brings together networks dedicated to innovation for sustainable development with the aim of reducing fragmentation and supporting collaboration, whilst engaging policy-makers, research & development, and businesses to achieve the sustainable development goals.

The H2020 Green.eu project and inno4sd® network is coordinated by the Netherlands Organisation for applied Scientific research TNO, TNO Caribbean.

**Contact details**

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