



green.net.working.

Virtual Conference on Ecologically-Sustainable
Digitalization in an International Context

May 19-20, 2021

jointly hosted by



Öko-Institut e.V.
Institut für angewandte Ökologie
Institute for Applied Ecology



Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



May 19-20, 2021

10:00 am to 3:00 pm CET
Conference Language // English
Platform // MS Teams

Join in and register on
www.green-net-working.net

Virtual Conference on Ecologically-Sustainable Digitalization in an International Context

Digitalization and increased appreciation of the need to move towards a more sustainable development within our planetary boundaries are the two main drivers of the comprehensive transformations which economies and societies worldwide will undergo in the decades ahead and are, in part, already undergoing. Each driver needs to make use of the dynamics triggered by the other. However, too often, challenges and opportunities linked to digitalization and sustainable development are discussed within separate communities or in national forums that neglect the globalized context (including the United Nations' 2030 Agenda) in which they occur.

The aim of this conference is to complement ongoing discourses on the interlinkages between digitalization and the ecological dimension of sustainable development from an international perspective. To this end, the event brings together experts and scientists, entrepreneurs, civil society representatives and policy makers from both communities and from across the world for an exchange of views and practical experiences on the following questions:

- // What concrete measures are needed to ensure the ecological sustainability of digitalization?
- // How can digitalization enable and support the transformation towards more sustainable development?
- // How can we learn from each other and cooperate on an international and bilateral level in order to create favorable framework conditions and promote promising initiatives for sustainable digitalization?

Day 1 - May 19

10:00 h	Virtual doors open
10:15 h	<p>Welcoming Address</p> <p>// Dr. Elke Siehl Head of Department GloBe, GIZ</p> <p>// Jan Peter Schemmel CEO, Oeko-Institut</p>
10:30 h	<p>Opening Address</p> <p>// Jochen Flasbarth State Secretary of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)</p>
10:45 h	Speed exchange among all participants: Main challenges, opportunities and potential blind spots of sustainable digitalization
11:00 h	<p>Digitalization and sustainable development – Interconnections of two megatrends and political priorities for shaping our common digital future</p> <p>Keynote Address // Stella Tembisa Ndabeni-Abrahams (tbc) Minister of Communications and Digital Technologies, Republic of South Africa</p> <p>Keynote Address // Prof. Dr. Dirk Messner President of the German Environment Agency (UBA)</p>
12:00 h	Break to network
12:30 h	<p>Discussion Forums: How to green digitalization - Integrated approaches over the lifecycle of ICT</p> <p>» Forum 1: Responsible raw materials supply and production of ICT</p> <p>// Thea Kleinmagd Circular material chains innovator, Fairphone</p> <p>// Prof. Dr. Marie-Rose Bashwira Associate Professor, Université Catholique de Bukavu, Scientific Coordinator of the Research Centre on Gender and Development in Bukavu (DR Congo)</p> <p>// Alejandro Gonzalez International coordinator Good Electronics Network SOMO</p>

	<p>// Dr. Davide Polverini Policy officer, European Commission</p> <p>// Dr. Philip Schütte Federal Institute for Geosciences and Natural Resources</p>
12:30 h	<p>» Forum 2: Greening the internet backbone</p> <p>// Encik Shamsul Bahar bin Mohd Nor CEO, Malaysian Green Technology And Climate Change Centre</p> <p>// Rabih Bashrouh Global Head, IT Infrastructure Advisory, Uptime Institute</p> <p>// Paolo Bertoldi Senior Expert, European Commission JRC</p>
12:30 h	<p>» Forum 3: Towards environmentally sound management of e-waste</p> <p>// Dr. Deepali Sinha Khatriwal Managing Director, Sofies India</p> <p>// Elisabeth Smith Executive Director, StEP</p> <p>// Dr. Sampson Atiemo Director, Mountain Research Institute</p> <p>// Dr. Tadesse Amara Director, PAN-Ethiopia</p>
1:45 h	<p>Panel Discussion: How to Ensure a Green Digital Recovery</p> <p>// Dr. Marc Schattenmann Head of Directorate IT, Digitalisation, Innovation and Research, German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)</p> <p>// Vivien Foster Chief Economist for the Infrastructure Vice-Presidency, World Bank</p> <p>// Dr. Axel Klaphake Head of Division, Economic and Social Development, Digitalisation at GIZ</p>
2:45 h	Concluding Remarks Day 1

Find all speakers and the agenda on
www.green-net-working.net

Day 2 - May 20

10:15 h	Virtual doors open
10:30 h	Welcoming
11:00 h	<p>How to leverage the potentials of digitalization as an enabler for ecologically sustainable development</p> <p>// Dr. Heike Henn Head of Directorate Climate and energy; sustainable urban development; environment; Commissioner for climate policy and climate financing, German Federal Ministry for Economic Cooperation and Development (BMZ)</p> <p>// Amel Saidane President, TunisianStartups CEO and Co-Founder, BetaCube</p> <p>// Luis Neves CEO, Global Enabling Sustainability Initiative (GeSI)</p>
12:00 h	Break
12:15 h	<p>Discussion Forums: Sectoral perspectives on the potentials of digitalization as an enabler for sustainable development</p> <p>» Forum 1: Digital catalyzers for the energy transition</p> <p>// Aurélie Beauvais Deputy CEO and Policy Director, SolarPower Europe</p> <p>// Carlos Alexandre Principe Pires Director, Brazilian Energy Development Department, Ministry of Mines and Energy</p> <p>// Jaafar Saied CEO, Lightency</p>
12:15 h	<p>» Forum 2: The potential of digitalization as a gamechanger for sustainable mobility</p> <p>// Elba Fuster Figuerola Technical Expert, Digitalisation and Smart Cities, UNDP Global Centre for Technology, Innovation and Sustainable Development</p> <p>// Martin Röhrleef Innovation Manager, ÜSTRA Hannoversche Verkehrsbetriebe AG; Managing Director, Taxibus; Partner, digital mobilities consultants</p>

12:15 h	<p>» Forum 3: Harnessing digitalization for sustainable supply chains</p> <p>// Nadia Hewett, Project Lead, Blockchain and Distributed Ledger Technology, World Economic Forum</p> <p>// Almut van Casteren, Managing Director, eProd Solutions Ltd</p> <p>// Mateja Dermastia, CEO, Anteja</p>
1:30 h	<p>Panel Discussion: Sustainability, data governance and data-driven business models in an international context</p> <p>// Malte Beyer-Katzenberger Policy Officer, European Commission, DG Justice and Consumers</p> <p>// Astha Kapoor Co-Founder, Aapti Institute</p> <p>// Ghazaleh Kohestanian CEO, re2you</p>
2:30 h	<p>Concluding Remarks: Where do we go from here?</p> <p>// Vera Scholz Head of Division Climate Change, Environment and Infrastructure, GIZ</p> <p>// Jan Peter Schemmel CEO, Oeko-Institut</p>

Find all speakers and the agenda on
www.green-net-working.net

Speakers

The list of speakers is constantly being expanded - Find all speakers on www.green-net-working.net



[Dr. Tadesse Amera](#)
PAN-Ethiopia
Director



[Dr. Sampson Atiemo](#)
Mountain Research
Institute
Executive Chairman



[Malte Beyer-Katzenberger](#)
European Commission
Policy Officer Data policy
and innovation at
DG CONNECT



[Almut van Casteren](#)
eProd Solutions Ltd
Managing Director



[Mateja Dermastia](#)
Anteja
CEO



[Jochen Flasbarth](#)
BMU German Federal
Ministry
State Secretary



[Alejandro Gonzalez](#)
SOMO
International
coordinator Good
Electronics Network



[Nadia Hewett](#)
World Economic Forum
Project Lead Blockchain
and Distributed Ledger
Technology



[Dr. Deepali Sinha Khetriwal](#)
Sofies India
Managing Director



[Prof. Dr. Dirk Messner](#)
German Environment
Agency (UBA)
President



[Luis Neves](#)
Global Enabling
Sustainability Initiative
(GeSI)
CEO



[Dr. Davide Polverini](#)
European Commission
Policy officer
DG Internal Market,
Industry, Entrepreneurship
and SMEs



[Amel Saidane](#)
Tunisian Startups
President



[Jaafar Saied](#)
Lightency
CEO



[Dr. Marc Schattenmann](#)
BMU German Federal
Ministry
Head of Directorate
IT, Digitalisation,
Innovation and Research



[Jan Peter Schemmel](#)
Oeko-Institut
CEO



[Vera Scholz](#)
Director Climate Change,
Environment, Infrastructure
GIZ GmbH



[Dr. Philip Schütte](#)
Federal Institute for
Geosciences and Natural
Resources (BGR)



[Onike Shorunkeh-Sawyer](#)
Advisor
GIZ GmbH



[Elisabeth Smith](#)
StEP
Executive Director



Contact Information

Deutsche Gesellschaft für Internationale
Zusammenarbeit (GIZ) GmbH

Registered offices
Bonn and Eschborn, Germany
www.giz.de/en

Responsible:
Gitta Sender
E greennetworking@giz.de
E gitta.sender@giz.de

Oeko-Institut e.V.
Institute for Applied Ecology

Freiburg, Germany
www.oeko.de/en

Responsible:
Jan Peter Schemmel
E j.schemmel@oeko.de

jointly hosted by