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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](http://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	Welcoming Address		
	// Dr. Elke Siehl Head of Department GloBe, GIZ		// Dr. Davide Polverini Policy officer, European Commission
	// Jan Peter Schemmel CEO, Oeko-Institut		// Dr. Philip Schütte Federal Institute for Geosciences and Natural Resources
10:30 h	Opening Address		
	// Jochen Flasbarth State Secretary of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)		
10:45 h	Speed exchange among all participants: Main challenges, opportunities and potential blind spots of sustainable digitalization		
11:00 h	Digitalization and sustainable development – Interconnections of two megatrends and political priorities for shaping our common digital future		
	Keynote Address // Stella Tembisa Ndabeni-Abrahams (tbc) Minister of Communications and Digital Technologies, Republic of South Africa		
	Keynote Address // Prof. Dr. Dirk Messner President of the German Environment Agency (UBA)		
12:00 h	Break to network		
12:30 h	Discussion Forums: How to green digitalization - Integrated approaches over the lifecycle of ICT		
	» Forum 1: Responsible raw materials supply and production of ICT		
	// Thea Kleinmagd Circular material chains innovator, Fairphone		
	// 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)		
	// Alejandro Gonzalez International coordinator Good Electronics Network SOMO		
		12:30 h	» Forum 2: Greening the internet backbone
			// Encik Shamsul Bahar bin Mohd Nor CEO, Malaysian Green Technology And Climate Change Centre
			// Rabih Bashrouh Global Head, IT Infrastructure Advisory, Uptime Institute
			// Paolo Bertoldi Senior Expert, European Commission JRC
		12:30 h	» Forum 3: Towards environmentally sound management of e-waste
			// Dr. Deepali Sinha Khetriwal Managing Director, Sofies India
			// Elisabeth Smith Executive Director, StEP
			// Dr. Sampson Atiemo Director, Mountain Research Institute
			// Dr. Tadesse Amera Director, PAN-Ethiopia
		1:45 h	Panel Discussion: How to Ensure a Green Digital Recovery
			// Dr. Marc Schattenmann Head of Directorate IT, Digitalisation, Innovation and Research, German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)
			// Vivien Foster Chief Economist for the Infrastructure Vice-Presidency, World Bank
			// Dr. Axel Klaphake Head of Division, Economic and Social Development, Digitalisation at GIZ
		2:45 h	Concluding Remarks Day 1

Find all speakers and the agenda on  
[www.green-net-working.net](http://www.green-net-working.net)

## Day 2 - May 20

10:15 h	Virtual doors open	12:15 h	» Forum 3: Harnessing digitalization for sustainable supply chains
10:30 h	Welcoming		// Nadia Hewett, Project Lead, Blockchain and Distributed Ledger Technology, World Economic Forum
11:00 h	How to leverage the potentials of digitalization as an enabler for ecologically sustainable development		// Almut van Casteren, Managing Director, eProd Solutions Ltd
	// 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)		// Mateja Dermastia, CEO, Anteja
	// Amel Saidane President, TunisianStartups CEO and Co-Founder, BetaCube	1:30 h	Panel Discussion: Sustainability, data governance and data-driven business models in an international context
	// Luis Neves CEO, Global Enabling Sustainability Initiative (GeSI)		// Malte Beyer-Katzenberger Policy Officer, European Commission, DG Justice and Consumers
12:00 h	Break		// Astha Kapoor Co-Founder, Aapti Institute
12:15 h	Discussion Forums: Sectoral perspectives on the potentials of digitalization as an enabler for sustainable development		// Ghazaleh Kohestanian CEO, re2you
	» Forum 1: Digital catalyzers for the energy transition	2:30 h	Concluding Remarks: Where do we go from here?
	// Aurélie Beauvais Deputy CEO and Policy Director, SolarPower Europe		// Vera Scholz Head of Division Climate Change, Environment and Infrastructure, GIZ
	// Carlos Alexandre Principe Pires Director, Brazilian Energy Development Department, Ministry of Mines and Energy		// Jan Peter Schemmel CEO, Oeko-Institut
	// Jaafar Saied CEO, Lightency		
12:15 h	» Forum 2: The potential of digitalization as a gamechanger for sustainable mobility		
	// Elba Fuster Figuerola Technical Expert, Digitalisation and Smart Cities, UNDP Global Centre for Technology, Innovation and Sustainable Development		
	// Martin Röhrleef Innovation Manager, ÜSTRA Hannoversche Verkehrsbetriebe AG; Managing Director, Taxibus; Partner, digital mobilities consultants		

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## Speakers

The list of speakers is constantly being expanded - Find all speakers on [www.green-net-working.net](http://www.green-net-working.net)



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PAN-Ethiopia  
Director



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Mountain Research  
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Executive Chairman



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European Commission  
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President



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Ministry  
Head of Directorate  
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