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# GIZ – GSI Circular Economy Solutions Dialogues 2021

Bending the Linear Agenda: Circular Economy Policy Instruments, Business Models and Technology Uptake in the Plastics Value Chain

Dear participants,

We are delighted to welcome you to our Circular Economy Solutions Dialogues (CESD).

This booklet serves to give you a comprehensive overview of the topics to be discussed, the hosting team, and participants joining throughout our four-session dialogue series.

Together in an interactive, co-creative and moderated setting we will discuss circular economy policy instruments, business models and technologies facilitating uptake of circularity in the plastics value chain in order to bend the linear agenda. We will analyze what hampers uptake of existing solutions and to identify supplementary new approaches.

We hope you enjoy the read.

Your hosting team



## SESSION OVERVIEW

- Session one builds a **common understanding of challenges and solutions in integrating circularity in value chains, focusing on plastics**. A forward looking, solution-focused discussion will encourage participants to view the circular economy in two parallel lens: the enabling frameworks and the actual implementation.
- Session two takes a deep dive into the **technological perspective across the plastics value chain**. Breaking through the dilemma of searching for the great technology or rather promoting modest but existing and proven circular economy solutions, the discussion will address issues like the use of new technologies (indicatively, sharing platforms, circularity metrics/data analytics, product/material tracking), standardisation, and circularity reporting.
- Session three delves into **the scaling up challenge**. The nitty gritty of promoting an ecosystem approach within the plastics value chain, one that enables policy makers, the industry, as well as finance and technology providers effectively work together, will be the in focus.
- Session four is all about **strategy**. How can we define context-sensitive strategies for a broad implementation of mechanisms scaling up the uptake of circular economy practices across the plastics value chain? The discussion will take due consideration of the 'why' factor: what does more circularity in the plastics value chains mean for people, business and nature?

## AGENDA MAY 5<sup>TH</sup> 2021 – 12:30 -14:30 CET

12:30 – 12:40	Welcome remarks and introduction to the CESD#1
12:40 – 12:45	Circular Economy engagement
12:45 – 13:00	Who is who and why are we here?
13:00 - 13:25	Can the future of plastics fit into a circle?
13:25 – 13:30	Circularity drivers in the plastics value chain
<b>Group discussions</b>	
13:30– 14:00	Searching for circular economy solutions in the plastics value chain: Enabling frameworks and actual implementation
<b>Plenary Session</b>	
14:00– 14:15	How to move forward? Key messages from the group discussions
14:15– 14:30	Closing remarks and connection with the next session

# Hosting Team

**ALEXANDER CHARALAMBOUS**  
**KONSTANTINOS KARAMPOURNIOTIS**  
Living Prospects  
Moderators

**RAKESH KASTURI**  
Sprint Doctor  
Facilitator

**ELIZABETH MALOBA**  
Independent Consultant and  
Business Coach  
Facilitator

**ELISABETH SCHRÖDER**  
Global Solutions Initiative (GSI)  
Co-organizer

**NICOLAS BUCHOUD**  
Renaissance Urbaine  
Convener for urban topics

**HOLGER KUHLE**  
**MARTIN KOCHHAN**  
**KATHARINA LANGE**  
GIZ  
Co-organizers





## **ALEXANDER CHARALAMBOUS**

Living Prospects

Moderator

Belgium

Alexander Charalambous is a senior partner at Living Prospects, a boutique consultancy firm specialising in the green/circular economy. He leads the EU SWITCH to Green Facility, contributing to EU policy and implementation efforts towards a just transition to a circular economy globally. He is engaged in the GIZ led Circular Economy Solutions Dialogues, as a Thematic Lead Convener for Cross Cutting Topics, informing the T20/G20 process. An environmental planner by education, Alexander is currently involved in the assessment of green economy activities around selected nature parks and protected areas in Kenya, Uganda and the DRC, under an EU funded study commissioned by DG INTPA.



## **KONSTANTINOS KARAMPOURNIOTIS**

Living Prospects

Moderator

Greece

Konstantinos Karampourniotis is a climate and circular economy expert working on EU and global assignments on resource efficiency and more broadly green economy incl. circular economy, waste, water and wastewater. Konstantinos holds a BSc and a MSc in Environmental Engineering, and a MSc in Water Resources Science and Technology. He has in-depth knowledge of the global experience on circular and green economy concepts and policy. He works as project evaluation coordinator at large environmental Programmes under Waste, Nature, Air and Water thematic priorities, having evaluated and/or coordinated an aggregate of some EUR 1 Billion in relevant proposals/investments.



## **RAKESH KASTURI**

Sprint Doctor  
Facilitator  
Germany

Whether it's a team of 5 or 500, Rakesh Kasturi enjoys facilitating creative and strategic conversations to solve complex problems or make sense of abstract topics. With his digital platform, [sprintdoctor](#), he relies on the Google Design Sprint method to create workshops and collaborative environments (both in-person and virtual) that allow people to be intentional, engaged and energized while building meaningful products, services or campaigns. He's passionate about Indian food culture, likes to swim/bike while chewing on the mysteries of the universe and asking "Why not?" a lot.



## **ELIZABETH MALOBA**

Consultant and Business Coach  
Facilitator  
Kenya

For over 20 years I have been supporting processes in cross-sectoral, trans-professional, multi-stakeholder settings that enable people to foster collaborative initiatives; and support shifts in processes, strategies, practices and systems. I have a strong experience in International Cooperation, Development Cooperation, and Private Sector and have worked across sectors (Agriculture, Health, Financial Services, Retail and Hospitality), with over 20 organizations (UNESCO, GIZ, UN Women, IFAD, Syngenta, African Heritage, Fila East Africa, Procasur, Nature Kenya, IREN, IHPMR, Ipsos-Synovate, Save the Children, Strathmore Business School among others) in over 30 states (including in fragile ones such as Somalia) on 4 continents (Africa, Europe, South America and America). I work in culturally diverse groups, from grassroots level to global platforms; to support the development of leadership, teams, policies, strategies, plans, and models that contribute to addressing sustainability challenges; in face-to-face as well as remote settings. I draw on lessons from my journey as an entrepreneur to support founders and leaders in growth stage businesses along their journey. I bring skills in capacity building, knowledge management, facilitation, conflict resolution and management to diverse assignments.



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## **ELISABETH SCHRÖDER**

Global Solutions Initiative (GSI)  
Co-organizer  
Germany

Elisabeth leads GSI's cooperation with GIZ on the Circular Economy as part of the global project "Support of the Export Initiative for Green Technologies" financed by the German Federal Ministry for the Environment (BMU). She coordinates GSI partner projects and supports the Global Solutions Summit program management.

Prior to joining GSI, she worked in development consulting, including business development, bid proposal management, project and financial management and international consortium coordination for EuropeAid development projects.

Her journey in international development cooperation began as a project assistant for the Inclusive Business Action Network (iBAN), implemented by GIZ.

She holds a M.Sc. in International Business from Copenhagen Business School and a B.Sc. in International Business Administration from the University of Tübingen.



## **NICOLAS BUCHOUD**

Renaissance Urbaine  
Convener for urban topics  
France

Nicolas J.A. Buchoud is a fellow of the Global Solutions Initiative and the founding principal of Renaissance Urbaine strategic advisory and urban R&D office. He is the president and co-founder of the Grand Paris Alliance for Sustainable Investments, a non-profit think-tank created in 2011, he created after serving over a decade in municipal and regional governments. Since 2019, he has been the co-chair of the G20/T20 Infrastructure investment and financing taskforce and advised the Urban 20, the group of cities of the G20. In 2008 at the time of the global financial crisis, I edited Strategic City, Planners for the 21st Century. It was a reflection on rising global interdependencies as urbanization was becoming a transformative megatrend.

A decade later in 2021, I have co-edited Intersecting. On Urbanization and Infrastructure Sustainable Responses to the Covid-19 Pandemic, It is a collective response to the crisis and a visual journey in our urbanizing world, mid-way in the process of doubling of the world urban population.

Urbanization is reshaping our planet but so far, it has largely prospered on linear, unsustainable production, consumption and agglomeration economics models and the critical issue of resources management has been exacerbated by the pandemic.

As investments to recover from the COVID-19 crisis are high on regional and multilateral agendas, this is the right time to explore how circular economy can become a new normal and deliver on much needed economic system change.





## **DR. HOLGER KUHLE**

GIZ

Co-organizer  
Germany

### **What is your organization doing in the context of the circular economy?**

Based in Berlin, I currently work as GIZ policy advisor for strategic knowledge partnerships, especially in cooperation with the Global Solutions Initiative. In this function I am in charge of the Dialogues on Circular Economy, their co-design and I do accompany, within a team, the entire process in varying roles.

### **What is your professional background, and how are you currently engaged in this topic?**

With the topic, I have dealt in a rather broader context of economic development (green economy) and also regarding sustainable urban development; previously as GIZ advisor at the UN-Sustainable Solutions Network seen through the prism of the SDGs. I have usually worked on economic, employment and regional development, the latter as GIZ adviser in the MENA region (Syria / Tunisia), and as previous manager at the regional development bank of the Land Berlin (IBB) with application-oriented research on new approaches to support and financing instruments while managing their implementation.

### **What fascinates you about the circular economy?**

What fascinates me is that circular economy ultimately requires rethinking the manufacture, design, use of products and the underlying business models. Since the linear processes have wrongly strengthened us in the illusion of making ourselves independent of the natural (life) cycles, the Circular Economy concept offers the opportunity to (re)assume our position in the cycles of matter, time and space, i.e. the living.



## **MARTIN KOCHHAN**

GIZ

Co-organizer  
Germany

### **What is your organization doing in the context of the circular economy?**

GIZ is involved in various themes along the waste hierarchy. Projects range from prevention (e.g. single-use plastics) to recycling.

### **What is your professional background, and how are you currently engaged in this topic?**

My background is in finance and business and my career took a turn towards the topic of circular economy recently through my job at GIZ. Currently, I'm working together with think tanks around the world on positioning the idea of circularity within the G/T20 context.

### **What fascinates you about the circular economy?**

What fascinates me is the tangible possibility to create a world without waste.





## **KATHARINA LANGE**

GIZ

Co-organizer

Germany

### **What is your professional background, and how are you currently engaged in this topic?**

As a member of the GIZ team, I am currently supporting the organization of the Circular Economy Solutions Dialogues. Based in Cologne, Germany, I joined the GIZ project “Support of the Exportinitiative for Green Technologies” in October 2020. Prior to this I worked for the Platform for Multi-Stakeholder Partnerships to Support the 2030 Agenda, another GIZ-project.

Connecting the essence of both projects, I am especially interested in stakeholder interaction and collaborative action to achieve common goals, a topic I also researched in my Master’s thesis with regard to sustainable food systems within the City of Malmö in the beautiful Skåne region in Southern Sweden.

I am holding a Master’s in Leadership for Sustainability from Malmö University and a Bachelor’s in English and Business Studies.

### **What fascinates you about the circular economy?**

My interest in the concept of circular economy sparks through the idea of breaking up and rethinking common patterns and transforming systems that create value through the wellbeing of people and the planet at heart and finding a healthy and holistic approach to act with limited resources. Seeing ideas evolve and concepts being put into action through authentic leadership is what I hope our dialogues will nudge.

# Dialogue participants

**BEZAWIT ESHETU**

African Circular Economy Network

**WASSIM CHAABANE**

cyclos GmbH

**IOANA POPESCU**

ECOS, Environmental Coalition on Standards

**CHRISTIAN HUDSON**

GIZ on behalf of the EU

**ANA MURO**

BCSD Argentina (CEADS)

**H.E. DR. MOHAMMED****KHASHASHNEH**

Ministry of Environment Jordan

**NGUYEN HOANG NAM**

Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE), Ministry of Natural Resources and Environment Vietnam

**MAX BULAKOVSKIY**

OECD, CFE, Social Economy and Innovation Unit

**KATHIA AGUILAR MARTÍN &  
MARCO CHINCHILLA SALAZAR**

Climate Change Directorate, Ministry of Energy and Environment Costa Rica

**VENKATACHALAM ANBUMOZHI**

Economic Research Institute for ASEAN and East Asia (ERIA)

**SHUVA RAHA**

Council on Energy, Environment and Water (CEEW)

**BURCU TUNCER**

ICLEI World Secretariat (Local Governments for Sustainability)

**RICHARD JAMES MACCOWAN**

Biomimicry Innovation Lab

**SIMON BALDWIN**

SecondMuse

**CHRIS OESTEREICH**

Linear to Circular

**URSULA DENISON**

PRO Europe sprl - Der Grüne Punkt Duales System Deutschland GmbH

**MARWAN RIZKALLAH**

MAN Enterprise

**CHIKAI AIOKI-SUZUKI**

Institute for Global Environmental Strategies (IGES)

**CHRISTIAN SUSAN**

UNIDO

**SOUVIK BHATTACHARJYA**

The Energy And Resources Institute (TERI)

**KIRANA AGUSTINA**

National Plastic Action Partnership WRI Indonesia

**SIDDHARTH PRAKASH**

Öko-Institut e.V.

**AGHARESE LUCIA ONAGHISE**

Food and Beverage Recycling Alliance (FBRA)

**MAZI UKONU**

RecyclePoints

**JAZLYN LEE**

WWF Malaysia

**PRIYEN TANNA**

KEPRO (Kenya Extended Producer Responsibility Organization)

**RAINER AGSTER**

Adelphi

**MAX MARWEDE**

Fraunhofer IZM/TU Berlin

**TAMARA VELDBOER**

Circle Economy

**PATRICK SCHRÖDER**

Chatham House

**VESNA LAVTIZAR**

Institute for Global Environmental Strategies (IGES)

**VANESA RODRIGUEZ OSUNA**

GIZ

**MARKUS LUECKE**

GIZ





## **BEZAWIT ESHETU**

African Circular Economy Network  
Ethiopia

### **What is your organization doing in the context of the circular economy?**

ACEN works to build restorative African economies that generate well-being and prosperity inclusive of all its people through new forms of economic production and consumption which maintain and regenerate its environmental resources.

### **What is your professional background, and how are you currently engaged in this topic?**

EMF Linear to Circular, 2020 cohort. Trained as Biologist and Chemist at Addis Ababa University. More than 15 years of experience on policy and program management in the fields of Environmental management, Sustainable development, waste management, resource efficiency, cleaner production, Green Growth, circular economy, and impact investment with different UN agencies and private sector. Currently working at African Circular Economy Network.

### **What fascinates you about the circular economy?**

I am excited to be part of these dialogues because Circular economy can give an opportunity to design a global vision, aspiration, engagement to develop innovative circular solutions!



## **WASSIM CHAABANE**

cyclos GmbH  
Germany

### **What is your organization doing in the context of the circular economy?**

cyclos is a consulting office for waste management, producer responsibility, recyclability assessment and mass flow verification services in several countries. Focus areas include the certification of counting centres and reverse vending machines at the point of sale as part of the German deposit-refund system.

cyclos has built a growing track record in supporting governments, developments partners and private sector institutions in a number of developing countries.

### **What is your professional background, and how are you currently engaged in this topic?**

Dr. Wassim Chaabane is a senior waste management and circular economy expert, working for cyclos GmbH and graduated from Rostock University in Germany. He is active in the field in the past 10 years in Europe and the MENA Region. Experience covers different functions with the private sectors, NGOs and the international cooperation (GIZ, World Bank, French Development Agency, EU, etc.) as well as several collaborations with the public sector. Focus areas are: Implementing Extended Producer Responsibility, marine litter and waste management concepts through implementing strategies and policies at both national and local levels. Dr. Chaabane is expert trainer in strategic planning, results-based management approach.



## **IOANA POPESCU**

ECOS, Environmental Coalition on  
Standards  
Belgium

### **What is your organization doing in the context of the circular economy?**

We are driving the move to a circular economy by advocating for environmentally friendly technical standards, policies and laws.

### **What is your professional background, and how are you currently engaged in this topic?**

Ioana Popescu is a Senior Programme Manager at ECOS, where she drives the work on plastics and chemicals in a circular economy. She has extensive knowledge on EU product policy and resource efficiency aspects of key sectors such as construction, energy-using appliances, and textiles.

### **What fascinates you about the circular economy?**

What fascinates her about the circular economy is the role design plays in driving the longer use, repair, reuse and recycling of products. She also loves bringing her accurate eye and expertise to debunk greenwashing and false environmental solutions.



## **CHRISTIAN HUDSON**

GIZ on behalf of the EU  
Germany

### **What is your organization doing in the context of the circular economy?**

The EU, with some of its Member States, is leading the Circular Economy agenda globally.

### **What is your professional background, and how are you currently engaged in this topic?**

I am supporting the EU in their multilateral diplomatic engagement on 'Green Deal' issues – the raft of international co-operation themes needed to transform the global economy to a prosperous, circular, net-zero economy. I have worked on related policy at national, EU and International level.

### **What fascinates you about the circular economy?**

The circular economy appears to be the most likely route by which we can avoid environmental collapse, and I'm strongly interested in that. The unusual ways we need to act to deliver the 'systemic' transition that allows us to get us there, now that's fascinating, as it goes against so much of our institutional and personal nature.



## **ANA MURO**

BCSD Argentina (CEADS)  
Argentina

### **What is your organization doing in the context of the circular economy?**

We are working with local companies in identifying circular economy business models and creating possible partnerships.

### **What is your professional background, and how are you currently engaged in this topic?**

For the last 3 years within CEADS I'm working on the development and coordination of the Circular Economy Program.

### **What fascinates you about the circular economy?**

I find amazing the creativity and possibilities to transform linear business models into circular ones.



## **H.E. DR. MOHAMMED KHASHASHNEH**

Ministry of Environment  
Jordan

### **What is your organization doing in the context of the circular economy?**

Enhancing the concept of a circular economy in all legislation, plans, programs, and projects that are being implemented, such as; the issuing of the waste management framework law No. (16/2020) and the Waste Sector Green Growth National Action Plan (2021-2025), where both include many aspects such as, the Circular Economy, waste hierarchy and Extended Producer Responsibility (EPR).

### **What is your professional background, and how are you currently engaged in this topic?**

I am the Acting Secretary-General and I supervise the implementation of all legislation, plans, and strategies related to the environment in general and the circular economy and investment in the waste sector in particular. Also, I had a great contribution during my work as a director of the Hazardous substances and Waste Management Directorate by issuing the waste management framework law and supervising the implementation of many programs related to waste management and the circular economy, Such as; the Extended Producer Responsibility Program that is being implemented in cooperation with the Giz.

### **What fascinates you about the circular economy?**

What fascinates me most about the circular economy is conserving resources and creating new investment opportunities.



## **NGUYEN HOANG NAM**

Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE),  
Ministry of Natural Resources and Environment  
Vietnam

### **What is your organization doing in the context of the circular economy?**

ISPONRE is the thinktank of the Ministry on law and policy making. We have been in the drafting team for the Law on Environmental Protection and the follow-up Decree. Moreover, ISPONRE is in charge of the regulation on circular economy in the Law and Decree.

### **What is your professional background, and how are you currently engaged in this topic?**

My professional background is environmental economics. I have several publications on circular economy in Vietnam. In addition, I am currently in the drafting team for the regulation on circular economy in the Decree.

### **What fascinates you about the circular economy?**

Circular economy is considered the best way to decouple economic development and environmental degradation. It is particularly important for Vietnam toward sustainable development.



## **MAX BULAKOVSKIY**

OECD, CFE, Social Economy and Innovation Unit  
France

### **What is your organization doing in the context of the circular economy?**

The OECD LEED Programme provides practical solutions for how to build vibrant communities with more and better jobs for all. Social economy has inspired a number of sustainable practices around the world and helped to raise awareness around the issue of circularity.

### **What is your professional background, and how are you currently engaged in this topic?**

Background in promotion of SMEs, social innovation and social entrepreneurship in Europe as well as in the Middle East, Western Balkans and Asia.

### **What fascinates you about the circular economy?**

Greening enterprises and seeing which role social economy can play in creating awareness but also in developing new concepts and models promoting circular economy.



## KATHIA AGUILAR MARTÍN

Climate Change Directorate, Ministry of  
Energy and Environment  
Costa Rica

### **What is your professional background, and how are you currently engaged in this topic?**

My profession is a chemical engineer. I worked for two years in industrial production. Subsequently, in 2008 I joined the Directorate of Environmental Quality Management (DIGECA) of the Ministry of Environment and Energy (MINAE) where I exercised functions on various topics including cleaner production, among others. In April 2014 I was transferred to the Directorate of Climate Change of the Ministry of Environment and Energy where I have under my responsibility the coordination with other institutions for the execution of actions on climate change, specifically, in the axis of mitigation of the National Climate Change Strategy. In November 2020, as a member of INTECO's Committee, I started working in the development of the International Standard: ISO TC 323 Circular Economy which aims to develop reference frameworks, guides, support tools and requirements for the implementation of activities of all organizations involved to maximize contribution to Sustainable Development. During this year I join the National Circular Economy Committee under SEPLASA's leadership.

### **What fascinates you about the circular economy?**

I consider that circular economy is a powerful mechanism to promote practices that adopt ecodesign, innovation and promote value retention processes that reduce, reuse, repair, revalue, recover and recycle materials within the value chains contemplated in our National Decarbonization Plan, as well describes the efficient use of energy, the integral management of waste and the harmonious coexistence with the ecosystems that must be implemented by the various sectors within the value network. Therefore, contributes to improve the resilience and well-being of vulnerable populations by recognizing the importance of reducing the extraction of natural resources and the transition towards more sustainable consumption and production patterns, promoting conservation and sustainable use of biodiversity and nature.



## MARCO CHINCHILLA SALAZAR

Climate Change Directorate, Ministry of  
Energy and Environment  
Costa Rica

### **What is your professional background, and how are you currently engaged in this topic?**

Biotechnologist with a master's degree in Natural Resources Management. I have worked for several years in the Directorate of Environmental Quality Management (DIGECA) of the Ministry of Environment and Energy of Costa Rica (MINAE) on a wide range of environmental issues. I recently joined the Directorate of Climate Change where I have been working especially with sectoral actions at the level of Nationally Appropriate Mitigation Actions with the agricultural sector.

### **What fascinates you about the circular economy?**

I consider that circular economy provides the social and economic opportunity for better access to goods and services; improved mobility and connectivity with an important reduction of pollution levels.

### **What is your organization doing in the context of the circular economy?**

Costa Rica commits in its Nationally Determined Contribution (NDC 2020) in the action area 6 "Integrated Waste Management" to develop a comprehensive waste management system based on avoiding, reducing, reusing, valorizing, treating and disposing of these properly with the maximum efficiency and low greenhouse gas emissions. Contribution 6.4 explicitly states that in the first two years of the period of implementation of the NDC, Costa Rica will launch its public policy instrument for the promotion of circular economy. This Directorate develop in conjunction with the Secretariat of Sectorial Planning of Environment (SEPLASA, Decree N° 40710 MINAE-PLAN) with the support of the Climate Technology Centre and Network (CTCN) a Guide on how to implement the circular economy in the local governments. This Guide becomes an important milestone to scale the knowledge of a local planning level to have a multiplier impact. Right now within the Circular Economy Committee under the leadership of SEPLASA we are going to develop a National Circular Economy Strategy.





**VENKATACHALAM  
ANBUMOZHI**

Economic Research Institute for ASEAN  
and East Asia (ERIA)  
Indonesia

**What is your organization doing in the context of the circular economy?**

ERIA is helping Association of South East Asian Nations in developing their long-term strategic Plan in the context of ASEAN Economic Community Blue Print and ASEAN Comprehensive Economy Recovery Framework (ACRF). It plays a role of sherpa organisation for East Asia Summit (EAS) member in organising the policy dialogues on circular economy and capacity building programs targeting senior to high-level officials.

**What is your professional background, and how are you currently engaged in this topic?**

Venkatachalam Anbumozhi is a Senior Economist at the Economic Research Institute for ASEAN and East Asia (ERIA), Indonesia. His previous positions include Senior Capacity Building Specialist at Asian Development Bank Institute, Assistant Professor at the University of Tokyo, and Senior Policy Researcher at the Institute for Global Environmental Strategies. He has published several books, authored numerous research articles and produced many project reports on energy resource policies, green infrastructure design, and private sector participation in Green Growth. Anbumozhi was invited as a member of the APEC Expert Panel on Green Climate Finance, Council for Global Problem Solving (CGP) and the ASEAN Panel for promoting circular economy growth. He has taught Resource management, International cooperation and Development Finance at the University of Tokyo. He believes resource scarcity, raw material prices volatility and sustainable production should drive the circular economy, which would open up new type of green growth and opportunities for social inclusion.



**SHUVA RAHA**

Council on Energy, Environment and Water  
(CEEW)  
India

**What is your organization doing in the context of the circular economy?**

CEEW uses data, integrated analysis, and strategic outreach to explain — and change — the use, reuse, and misuse of resources. CEEW collaborates with governments, industry, financiers, civil society and multilateral organisations on policy, research, pilots and process deployments, and stakeholder engagement.

**What is your professional background, and how are you currently engaged in this topic?**

Ms Shuva Raha heads strategic new initiatives at CEEW, one of South Asia's leading non-profit policy research institutions. Her work includes collaboration with governments, industry and multilateral organisations; integrating CEEW's cross-sectoral research into India's economic policies, and enhancing India's global influence as a sustainable development champion. She has previously led key energy and infrastructure portfolios of the Confederation of Indian Industry, including engagement with the International Solar Alliance, and created the Renewable Energy Demand Enhancement Initiative for commercial buyers. Shuva is a post graduate in communications management, with a BSc Honours in lifesciences and biochemistry. She has over two decades of experience spanning policy advisory, operations, infotech, branding, and project management.



## **BURCU TUNCER**

ICLEI World Secretariat (Local Governments for Sustainability)  
Germany

### **What is your organization doing in the context of the circular economy?**

Circular Development is one of the five strategic pathways of ICLEI. ICLEI Circulars through all ICLEI offices gathers the latest knowledge on circular economy interventions in local and regional governments around the world, builds capacity and offers policy development and implementation in the leading cities, and facilitates peer-to-peer exchange.

### **What is your professional background, and how are you currently engaged in this topic?**

Burcu leads the Circular Development team and coordinates ICLEI interoffice cooperation. With her team, she supports local governments' journey for prioritization of circular economy interventions, development and adoption of inclusive policy actions. Burcu is a senior expert with 15+ years of experience on sustainable production and consumption in Germany, Asia and MENA. She sees that local governments have a critical role to play in successful design and implementation of well-known policy instruments such as EPR, GPP to reduce plastic leakage and to close the material loops. She also thinks local policy makers' role in activating innovative business solutions is still untapped.



## **RICHARD JAMES MACCOWAN**

Biomimicry Innovation Lab  
UK

### **What is your organization doing in the context of the circular economy?**

Biomimicry Innovation Lab is involved across the circular economy from the development of regenerative agriculture projects in Nepal and DRC, through to analysing food and industrial systems by studying the relationships between food webs and industrial processes.

### **What is your professional background, and how are you currently engaged in this topic?**

I have a background in real estate development and finance, urbanism, product development and complex systems. I am currently engaged in this via a number of projects ranging from tiny forests through investment strategies for biomimetic and circular economy-based solutions.

### **What fascinates you about the circular economy?**

My fascination for the circular economy comes from my work, love of ecology, food webs and creating new models for innovation.



## **SIMON BALDWIN**

SecondMuse  
Singapore

### **What is your organization doing in the context of the circular economy?**

Simon is the director of SecondMuse in Asia, and leads the implementation of The Incubation Network (TIN), an ambitious project that seeks to catalyse innovative solutions that address ocean plastic pollution. TIN focuses on sourcing, supporting and scaling ventures that reduce plastic leaking into the ocean. We do this by addressing systems change and through a networked centered approach. Simon lives in Singapore with his wife and two children.



## **CHRIS OESTEREICH**

Linear to Circular  
Thailand

### **What is your organization doing in the context of the circular economy?**

We help organizations rethink products and services to move towards the circular economy. We also develop socially-valuable products from waste.

### **What is your professional background, and how are you currently engaged in this topic?**

I have worked in a variety of sustainability-related roles from running zero waste programs in the US grocery industry, to supporting firms with similar efforts as a consultant, as well as in academia and projects with development organizations.

### **What fascinates you about the circular economy?**

The opportunity to unwind much of the damage that humanity creates.



## **URSULA DENISON**

PRO Europe sprl - Der Grüne Punkt Duales  
System Deutschland GmbH  
Germany

### **What is your organization doing in the context of the circular economy?**

Umbrella organization of 31 „Green Dot“ Packaging Recovery Organizations in Europe, coordination and exchange of experiences with a focus on improving our results in recycling household packaging, based on the principles of Extended Producer Responsibility (EPR).

### **What is your professional background, and how are you currently engaged in this topic?**

Since 1991: work for Der Grüne Punkt, Germany's first EPR system for packaging. Focus on implementing regulatory requirements for packaging with obliged companies, including pricing, packaging sustainability, and use of post consumer recyclates. European coordination through PRO Europe, MD since 2013.

### **What fascinates you about the circular economy?**

The potential of the circular economy to contribute to climate protection is significant. Circular economy is the intersection of policy, technology, environment, industry, and consumers – as such it is a highly dynamic topic with many stakeholders whose divergent interests have to be aligned in order to make progress.



## **MARWAN RIZKALLAH**

MAN Enterprise  
Lebanon

### **What is your organization doing in the context of the circular economy?**

We are contractors and we are interested in investing and/or implementing projects in the context of circular economy.

### **What is your professional background, and how are you currently engaged in this topic?**

I am a civil engineer holding a Masters in environment and water resources. I have 20 years of experience in the Environmental field in Lebanon and the MENA region. I have been always keen in pushing forward concepts that provide alternatives for more reuse and treatment rather than end of pipe treatment approaches. Closing the loop for any related product will be a great achievement.



## **CHIKA AIOKI-SUZUKI**

Institute for Global Environmental  
Strategies (IGES)  
Japan

### **What is your organization doing in the context of the circular economy?**

We are conducting policy research on Resource Efficiency and Circular Economy, also serving as secretariat of Japan partnership for Circular Economy. Our team also have been involved in several projects on Sustainable Consumption and Production under the 10YFP of SCP and capacity development projects on waste and plastic in Asia and the Pacific.

### **What is your professional background, and how are you currently engaged in this topic?**

As a Senior Researcher, Institute for Global Environmental Strategies, I have dedicated in the studies on Resource Efficiency and Circular Economy policies and indicators, and also have been involved in international policy process on Resource Efficiency and Circular Economy including G7 Resource Efficiency Alliance, G20 Resource Efficiency Dialogue. In relation to this, I have contributed to developing a synthesis report “Our Actions for a Resource-efficient Future: Following up G7 Progress on Toyama Framework on Material Cycles and 5-year Bologna Roadmap” and „G20 Report on Actions against Marine Plastic Litter“. I am serving as a member for Central Environment Council of the Ministry of the Environment, Japan(MOEJ) and experts group on financing Circular Economy and Plastic Resource Circulation under Ministry of Trade, Economy and Industry and MOEJ.



## **CHRISTIAN SUSAN**

UNIDO  
Austria

### **What is your organization doing in the context of the circular economy?**

The General Conference, in its resolution GC.18/Res.7, requested the UNIDO to organize consultations on circular economy for experts from Member States with a view to facilitating exchanges on best practices, and emerging innovations and the promotion and adoption of circular economy principles and practices by industries of Member States.

### **What is your professional background, and how are you currently engaged in this topic?**

I hold a MSC in integrated water resource management and another MSC in environmental economics. As the program manager of the UNIDO Global Eco-Industrial Park Programme we promote EIPs as an effective instrument for the implementation of CE principles.

### **What fascinates you about the circular economy?**

In a world with a still increasing population and increasing aspirations by each global citizen, we can just no longer afford to live along linear principles and will have to adopt circular economy approaches and principles.



## **SOUVIK BHATTACHARJYA**

The Energy And Resources Institute (TERI)  
India

### **What is your organization doing in the context of the circular economy?**

The Energy and Resources Institute (TERI) works on Resource Efficiency (RE) spans harnessing new RE business models, increasing access and uptake of sustainable materials and practices, designing innovative market instruments, assessing benefits of RE on climate mitigation. TERI is actively involved in technology development, demonstration and undertaking policy advocacy.

### **What is your professional background, and how are you currently engaged in this topic?**

Souvik Bhattacharjya is a Senior Fellow and Associate Director at Integrated Policy Analysis Division of TERI. Souvik holds a Masters Degree in Economics (with spl. in World Economy) from Jawaharlal Nehru University, New Delhi. Currently he is pursuing doctoral program from Indian Institute of Management (IIM), Lucknow. He has more than 16 years of rich experience in the field of energy and environmental research and management consulting..

His areas of work include resource efficiency and circular economy material demand/supply assessments, material flow analysis, life cycle analysis, life cycle cost analysis, impact assessments of industrial/infrastructure projects, non-market valuation of environmental goods, etc.

### **What fascinates you about the circular economy?**

Souvik is excited about the emergence of innovative regional and local business models that can help countries transform its current linear model to a one that is regenerative and waste free.



## **KIRANA AGUSTINA**

National Plastic Action Partnership  
WRI Indonesia  
Indonesia

### **What is your organization doing in the context of the circular economy?**

1. Convene key partners from every sector that can help drive the plastic action agenda forward through concrete responsibilities and actions.
2. Deliver a national plastic action plan and roadmaps as clear guideline
3. Matchmaking between the member to create more collaboration towards transition to a circular economy for plastics.

### **What is your professional background, and how are you currently engaged in this topic?**

My interest in the circular economy started when I joined eXXpedition Round the World, a 2-weeks sailing expedition crossing the North Atlantic Ocean on the mission of ocean plastic pollution. Before setting the sail and doing scientific activities at sea, we did circularity assessment on land to see the plastic pathway. Before working with NPAP, I studied marine science (B.Sc), environment politics (M.Sc) and worked for eight years on the ocean and environmental affairs at NGO and multilateral organization.

### **What fascinates you about the circular economy?**

How we can eliminate unnecessary plastic, make the most of each material used, and create a more sustainable life.



## **SIDDHARTH PRAKASH**

Öko-Institut e.V.  
Germany

### **What is your organization doing in the context of the circular economy?**

Öko-Institut supports in developing methods, policies & instruments for promoting Circular Economy in a wide range of sectors, such as electronics, agriculture, food systems, mobility, energy supply, waste, chemicals, textiles, plastics etc. With its science-based work, Öko-Institut is assessing environmental, social and economic impacts of policies, e.g., by delivering scientific evidence for Circular Economy measures within the European product policy frameworks, such as Ecodesign, Energy Label, Green Public Procurement, Waste Electrical & Electronic Equipment etc.

### **What is your professional background, and how are you currently engaged in this topic?**

Siddharth Prakash is Senior Researcher in the division Sustainable Products & Material Flows of the Öko-Institut. He is advising international development organizations, European Commission, national ministries, companies and civil society institutions in Germany and abroad on instruments for promoting Circular Economy.

### **What fascinates you about the circular economy?**

The most fascinating aspect of Circular Economy is that it seeks to reverse the current take-make-waste approach of production and consumption and has initiated a serious debate on alternative & more sustainable forms of economic activities.



## **AGHARESE LUCIA ONAGHISE**

Food and Beverage Recycling Alliance  
(FBRA)  
Nigeria

### **What is your organization doing in the context of the circular economy?**

FBRA is the Producer Responsibility Organisation (PRO) set up as the industry collaboration for the food and beverage sector with a focus on enabling the waste management operations for the post-consumer packaging material in Nigeria. The goal is to partner with the players in the waste management value chain to build a self sustaining recycling industry.

### **What is your professional background, and how are you currently engaged in this topic?**

Agharese (Arese) is an Occupational Health, Safety and Environmental Expert with a background in M.Sc. Environmental Technology from Imperial College, London. I have over twenty (20) years experience in working in different sectors and in my current role as the Executive Secretary of the FBRA, I am tasked with the responsibility of coordinating all the activities of the Alliance. My main role is to enhance the waste operations by working with the value chain to promote a circular economy.

### **What fascinates you about the circular economy?**

With a drive and passion in Environmental sustainability, Arese wants to be able to provide sustainable solutions to design out packaging waste from the environment from the design stage to re-purposing of materials through recycling.





## **MAZI UKONU**

RecyclePoints  
Nigeria

### **What is your organization doing in the context of the circular economy?**

RecyclePoints is a incentive-based waste recycling and social benefit enterprise that motivates post-consumers to recycle by creating value from their everyday waste through numerous recyclables collection programs. Our waste recovery and recycling activities eradicates poverty, empowers women, employs youths, supports community engagement, enhances financial inclusion, facilitates circular economy and promotes environmental sustainability

### **What is your professional background, and how are you currently engaged in this topic?**

I am a Materials Engineer and Supply Chain Management Professional, he hold a Bachelor's Degree in Materials and Metallurgical Engineering from the Federal University of Technology Owerri, Nigeria. I have over 20 years cognate experience in procurement and logistics management working in oil & gas companies. I also bagged an Executive Certificate in Technology, Operations and Value Chain Management from the MIT Sloan School of Management. An embarrassing situation in 2011 where my household was fined for depositing waste wrongly fueled my research on best practices in waste management and the inherent benefits in recycling. Being, a materials expert, I privately sought to build a viable model for waste recycling cum social enterprise that will suite the Nigerian ethos and the result is what is known today as RecyclePoints.

### **What fascinates you about the circular economy?**

The Circular Economy loudly speaks to the regenerative feature of nature where there is no such thing as waste, as everything gets recycled. It is fascinating to observe the dynamics of various recyclable materials as they transition in a cradle to cradle or closed loop system.



## **JAZLYN LEE**

WWF Malaysia  
Malaysia

### **What is your organization doing in the context of the circular economy?**

WWF has identified EPR scheme as an effective policy tool to address plastic and packaging waste on a national level. WWF is advocating for EPR schemes implementation targeting six countries in SEA region.

### **What is your professional background, and how are you currently engaged in this topic?**

Jazlyn drives WWF's initiative on 'No Plastic in Nature by 2030' and is responsible for Extended Producer Responsibility (EPR) engagement with businesses and governments in six countries in SEA to build a collective action and systemic approach to address plastic pollution.

Jazlyn holds a Master's Degree in Economics from University of Malaya.



## **PRIYEN TANNA**

KEPRO (Kenya Extended Producer Responsibility Organization)  
Kenya

### **What is your organization doing in the context of the circular economy?**

KEPRO is a membership organization driven to establish value in waste by fostering inclusive platforms for players in the value chain towards zero waste concepts and circular economy.

### **What is your professional background, and how are you currently engaged in this topic?**

By profession, I'm a materials Engineer with an MBA. I'm currently the founding Chairman of KEPRO and have been involved in the Waste Management Discussion in Kenya for the last 5 years.

### **What fascinates you about the circular economy?**

I'm fascinated to see the conversation turning into a journey and now the journey into transformation.



## **RAINER AGSTER**

Adelphi  
Germany

### **What is your organization doing in the context of the circular economy?**

Deliver tangible results for a circular economy from identifying measures, designing financing instruments and building capacities to supporting policy implementation.

### **What is your professional background, and how are you currently engaged in this topic?**

Rainer advises financial institutions worldwide on climate protection, energy efficiency and corporate finance, and provides support for banks in the introduction of digital solutions for green finance products. He also leads effort to improve and scale capacity building for stakeholders in the green economy. Projects he has directed have helped banks in the implementation of green credit lines with a total value of several hundred million euros. Rainer has a background in environmental engineer and an MBA for sustainability management.

### **What fascinates you about the circular economy?**

The circular economy fascinates me as an opportunity to have a significant positive impact for a more sustainable future.



## **MAX MARWEDE**

Fraunhofer IZM/TU Berlin  
Germany

### **What is your organization doing in the context of the circular economy?**

The Environmental and Reliability Department of Fraunhofer IZM is supporting the development of highly reliable and sustainable electronics. Amongst others, we do Life-Cycle-Assessments, develop eco-design recommendations, research social innovations and develop product-, service- and system design methods for the Circular Economy.

### **What is your professional background, and how are you currently engaged in this topic?**

Dr. Max Marwede studied econo-physics and philosophy at the University of Ulm and the Pontificia Universidad Católica de Chile. He worked at the “Institute for Future Studies and Technology Assessment” in Berlin from 2007 until 2010 amongst others engaged in technology roadmapping projects. In the year 2010 he joined the Technical University Berlin, where he currently holds a PostDoc position in the Junior Research Group „Obsolescence as a challenge for sustainability – causes and alternatives“. In 2013 he received a doctor's degree in physics from the University of Augsburg. Since 2017 he is also Research Fellow at the Fraunhofer Institute for Reliability and Microintegration (Fraunhofer IZM) leading an industrial design team which focuses on circular design. Part of his work is to facilitate and moderate eco-innovation processes and train engineers and designers how to develop sustainable products.



## **TAMARA VELDBOER**

Circle Economy  
The Netherlands

### **What is your organization doing in the context of the circular economy?**

Circle Economy is an impact organisation that works to accelerate the transition to a circular economy. We support and collaborate with businesses, cities & nations to identify and implement circular opportunities and practical roadmaps for change.

### **What is your professional background, and how are you currently engaged in this topic?**

Tamara Veldboer is a senior consultant at Circle Economy, and works with businesses on topics crucial to drive the circular transition and adoption forward. She currently leads the Business Strategy team and is a lead facilitator of the Capital Equipment Coalition in Europe, using the power of collaboration, knowledge & best practice sharing with an industry perspective. Before she worked in advisory roles at Accenture and Deloitte, in which she developed skills related to creative thinking, listening, stakeholder engagement and more generic business acumen. With a long-standing passion for all things sustainability related and an educational background in business administration and finance, both sides merge in the circular economy.



## **PATRICK SCHRÖDER**

Chatham House  
UK

### **What is your organization doing in the context of the circular economy?**

We are conducting research and engagement on the global transition to a circular economy. We focus on international development cooperation, policy, finance and trade: <https://circulareconomy.earth/>

### **What is your professional background, and how are you currently engaged in this topic?**

I have been working at the intersection of international development, academic research and policy analysis for about 10 years. The topic of the circular economy fascinates me as a systemic solution to environmental and development challenges.



## **VESNA LAVTIZAR**

Institute for Global Environmental  
Strategies (IGES)  
Japan

### **What is your organization doing in the context of the circular economy?**

Research and providing CE policy recommendations.

### **What is your professional background, and how are you currently engaged in this topic?**

PhD in environmental science, at IGES I am a policy researcher providing policy recommendations for transition towards a CE. Co-author of two book chapters currently in submission: A transition towards a circular economy in Slovenia, and Policies and practice of sound material cycle society in Japan – transition towards the circular economy.

### **What fascinates you about the circular economy?**

Mechanisms on how to make materials and energy circulate.



**DR. VANESA RODRIGUEZ  
OSUNA**  
GIZ  
Germany

**What is your organization doing in the context of circular economy?**

At my current work at GIZ in Bonn, as technical advisor of a global project, I advise our partners countries in the areas of circular economy, green technologies, air pollution control, industrial water treatment technologies, and sustainable business models. I work identifying innovative technological solution providers in line with circular economy approaches and explore partnership potential with private sector actors, including pilot projects co-financed by companies and local government agencies.

**What is your professional background and how you currently engaged in this topic?**

I am an Environmental Engineer with a M.Sc. in Natural Resource Management and Technologies and a PhD in Physical Geography. I have worked as project director, designing and leading the implementation of international projects in the area of circular economy in cooperation with German business partners. Prior to that, I have worked as Senior Scientist and Project Manager in New York in the area of impact investing. One of my tasks included identifying technologies and key products with potential to deliver solutions to environmental challenges, many with potential to close loops or promote circular economy.

I have also worked as Senior Scientist in Bonn, Rio de Janeiro and Belém (Brazil) in the areas of environmental policies, impact assessment of programmes, climate risk, ecosystem services, value chain analyses, science-policy for the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), many fields which are related to circular economy approaches.

**What fascinates you about circular economy?**

The potential to save or use limited resources more responsibly and to work smarter and more efficiently on developing sustainable products and services within planetary boundaries, while reducing the environmental footprint of current linear systems.



**MARKUS LUECKE**  
GIZ  
Germany

**What is your organization doing in the context of the circular economy?**

GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development. The rapid transition from a linear economy based on the irresponsible exploitation of primary resources towards a circular economy using secondary resources is key to sustainability.

**What is your professional background, and how are you currently engaged in this topic?**

Being an environmental engineer by profession I have been working with GIZ for more than 20 years on different aspects of circularity. Currently I am in charge of a global project that supports the Export Initiative for Environmental Technologies, of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), in its efforts to improve the enabling environment for the introduction and long-term application of green technologies in selected partner countries. To this end, the project carries out measures designed to share environmental knowledge, raise environmental awareness and build capacities.

**What fascinates you about the circular economy?**

The concept of circularity is based on learning from nature. Nature produces no waste but makes full use of all products and by-products that are generated over a living organisms life time. This is quite fascinating.

# We are looking forward to meeting you in our CESD

The **Global Solutions Initiative (GSI)** provides an independent and long-term advisory structure to the T20/G20. It mobilizes insights of leading think tanks, policy makers, international organizations, business leaders and civil society to deliver policy recommendations for global governance fora. The annual **Global Solutions Summit** brings together thought leaders from across political, business and civic communities to further the respective G20 agenda.

The **Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH** is a global service provider in the field of international cooperation for sustainable development. GIZ has over 50 years of experience in a variety of areas, including economic development and employment, energy and the environment, and peace and security. As a public-benefit federal enterprise, GIZ supports the German Government and clients in around 120 countries to develop solutions that offer people better prospects and sustainably improve their living conditions.

