

Moving towards a sustainable and circular economy: Bioeconomy Strategy Development



GLOBAL BIOECONOMY SUMMIT 2020

Reported by:



Food and Agriculture
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Moving towards a sustainable and circular economy: Bioeconomy Strategy Development



16:00 – 16:20: Introduction

- Chair: Karel Callens, FAO
- Moderator: Anne Bogdanski, FAO
- Co-Chair: Adrián Rodríguez, ECLAC
- Co-Moderator: María Silva, FAO

16:20 – 17:00: Key-note speeches

- Hans-Jürgen Froese, Ministry for Food and Agriculture (BMEL), Germany
- Eduardo Mansur, Food and Agriculture Organization of the United Nations (FAO)

17:00 – 18:00: Breakout groups: Lessons learned from bioeconomy strategies

Amazon State, Canada, Costa Rica, East Africa, France, Finland, Germany, Italy, Namibia, Malaysia, Thailand, Uruguay, the European Union, the Inter American Development Bank

18:15 – 18:45: Plenary discussion: How can circular bioeconomy policies help to enhance synergies and address trade-offs among the dimensions of sustainability?

- Karel Callens and Anne Bogdanski, Food and Agriculture Organization of the United Nations (FAO)
- Report back from breakout groups, one panelist from each breakout group

18:45 – 19:00: Closure

- Chair: Karel Callens, Food and Agriculture Organization of the United Nations (FAO)
- Co-Chair: Adrián Rodríguez, United Nations Economic Commission for Latin America and the Caribbean (ECLAC)

Guiding questions



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- *How to ensure that bioeconomy strategies embed all aspects of sustainability, including social, economic, environmental and governance aspects?*
- *How can a sustainable, circular bioeconomy contribute to sustainable food systems transformation and a green recovery from COVID-19?*
- *How can public policies and concrete actions help to enhance synergies and address trade-offs among the dimensions of sustainability in a responsible bioeconomy?*

KEY MESSAGES



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- The bioeconomy has great potential to transform our societies towards **greener, safer, healthier and more equitable societies**. Many countries are taking advantage of the potential of sustainable circular bioeconomy strategies to **build back better for a post-COVID19 recovery**.
- However, we know that **sustainability does not come not automatically**. Policy makers need to become much more explicit and intentional about circularity and sustainability, showing both positive and negative bioeconomy impacts on society, the environment and health.
- To assess these trade-offs and identify synergies, we need to invest in **systematic impact valuation** to account for the **true costs and benefits** of bioeconomy activities beyond their financial value. However, data in and of itself is not enough.
- We also need **robust and inclusive governance and accountability mechanisms** to ensure that both the positive and negative impacts are being considered and that there is a level playing field across stakeholders. This is all the more important as we are jointly preparing for the **2021 Global Food Systems Summit**.

Follow-up:

A policy brief, co-authored by organisers, speakers and panellists

A FAO web article:

www.fao.org/in-action/sustainable-and-circular-bioeconomy

Breakout group 1



chatbox

Governance for a sustainable and circular bioeconomy:
The role of stakeholder participation and governance mechanisms in strategy development

Facilitators:



Anne-Hélène Mathey
Ministry of Natural Resources Canada



Erika Van Neste
Ministry of Agriculture and Agri-Food Canada

Panelists:



Walter Oyhançabal
Ministry of Livestock, Agriculture and Fisheries,
Uruguay



Jeff Waring
Ministry of Natural Resources,
Canada



Tuula Packalen
Ministry of Agriculture and Forestry,
Finland

Duration: 60 minutes

Breakout group 2



chatbox

The **social** dimension of a sustainable and circular bioeconomy:
The importance of food security and nutrition in the context of human and ecosystem health,
and the role of gender and youth

Facilitators:



Anne Bogdanski

Food and Agriculture Organization
of the United Nations



Karel Callens

Food and Agriculture Organization
of the United Nations

Duration: 60 minutes

Panelists:



Julius Ecuru

BioInnovate Africa, International Centre of
Insect Physiology and Ecology, **East Africa**



Rafael Anta

Inter-American
Development Bank,
**Latin America and
the Caribbean**



Ciaran Mangan

DG RTD,
European Commission



Fabio Fava

University of Bologna,
Italy

Breakout group 3



chatbox

The **environmental** dimension of a sustainable and circular bioeconomy:
Promoting environmental and climate action as well as the sustainable use and conservation of biodiversity in the transition to a circular bioeconomy

Facilitators:



Adrián Rodríguez
Economic Commission for
Latin America and the Caribbean



Marta Gómez San Juan
Food and Agriculture Organization
of the United Nations

Duration: 60 minutes

Panelists:



Federico Torres Carballo
Ministry of Science, Technology and
Telecommunications and Bioeconomy
Inter-ministerial Committee, **Costa Rica**



Timothy Ong
National Innovation Agency, **Malaysia**



Hugo de Vries
National Research Institute for Agriculture,
Food and the Environment, **France**

Breakout group 4



chatbox



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The **economic** dimension of a sustainable and circular bioeconomy:
The role of technological-, market- and human-resource context for promoting a structural economic change in strategy development

Facilitators:



Henrik Beermann
Fraunhofer Institutes



María Silva
Food and Agriculture Organization
of the United Nations

Panelists:



Gerd Unkelbach
Fraunhofer Institutes,
Germany

Paulus Mungeyi
National Commission
for Research,
Science and Technology,
Namibia



Tatiana Schor
State Secretariat for Economic
Development, Science, Technology and
Innovation, **Amazonas State**, Brazil

Sakarindr Bhumiratana
National Science and Technology
Development Agency, **Thailand**



Duration: 60 minutes