

ICA Bioeconomy Committee



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ICA General Assembly

October 23th, 2019

UniLaSalle – Campus de Beauvais



University of Natural Resources
and Life Sciences, Vienna

ICA Bioeconomy Committee (ICA-Bio)

General Objectives

Define ICA as representing the European Life Science Universities in the development of the Bioeconomy at the European level

- Contribute to the implementation of the EU action plan for bioeconomy in education, research and innovation by seeking synergies among ICA members and other EU and international institutions, industries, and networks
 - by engagement with bioeconomy stakeholders in Europe through conferences/meetings/projects
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Recent activities of ICA-Bio:

Plenary Session at the European Forum Alpbach

24 August 2019



Title:

Bioeconomy – essential for the future and security of mankind

- Organized on behalf of BIOS Science Austria and ICA
- However, due to budgetary reasons no visibility of ICA in the announcement, only mentioned by the moderator at the introductory statement.

Chair: **Ulrich Schurr**, Chairman, Bioeconomy Science Center Jülich

Keynote Speakers:

Joachim von Braun, Chairman, German Bioeconomy Council

Elsbeth MacRae, Crown Research Institute, Rotorua/New Zealand

Daniela Jacob, Director, Climate Service Center Germany

Maria Patek, Austrian Federal Minister for Sustainability and Tourism

<https://www.alpbach.org/en/session/tec19-bioeconomy-essential-for-the-future-and-security-of-mankind-08-24-09-00/>

Recent and Ongoing Activities:

Contribution of ICA-Bio to the Global Bioeconomy Summit 2020

(GBS 2020, 19-20 Nov. 2020 in Berlin)



- Preparatory Workshop of **International Advisory Council** (IAC) for the GBS 2020; 11-12 March 2019, Beijing

- ICA-Bio Chair (JG) is member of IAC
- Development of concept for GBS2020

Meeting of the International Advisory Council of the Global Bioeconomy Summit 2020

Beijing, 11 - 12 March 2019

- **ICA-Bio** together with **UNESCO** will propose a **Workshop** on “**International Cooperation in Education and Training for the Bioeconomy**” to be held at **GBS 2020**
 - Call for workshop proposals will be published by end of 2019
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Recent activities of ICA-Bio:

Co-operation with UNESCO



- UNESCO Stakeholder Steering Committee Meeting
“**Bolstering Biotechnology Research and Education: Building Human and Institutional Capacities for the Bioeconomy**”
- 26 September 2019, UNESCO Headquarter, Paris
 - High level participation at global level
 - Follow up activity of joint workshop on bioeconomy education at GBS 2018 in Berlin
 - **Objective:** Planning of a UNESCO Conference in 2020 in co-operation with ICA (and other partners)



Recent activities of ICA-Bio:

Cooperation with EC



Participation in the Workshop “**Promoting education, training and skills across the bioeconomy**”

15 October 2019, Brussels; **Invitation by EC DG Research & Innovation**

Objectives:

- Preliminary mapping of skill gaps and related educational programmes across bioeconomy
 - Industry perspectives on challenges and approaches developing skills for bioeconomy
 - Discussion in Breakout groups on key issues and systemic challenges in education and training for bioeconomy
 - Which key barriers? How to address them? Which specific skill profiles needed? Etc.
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Recent activities of ICA-Bio:

Cooperation with EC



Participation in the Workshop “**European Bioeconomy – Regions, Cities and Civil Society**”

16 October 2019, Brussels; co-organized by European Economic and Social Committee, the European Committee of the Regions and the European Commission

With Parallel Session on “**The Importance of Education and Training for Europe's Bioeconomy**”

Topics:

- Bioeconomy strategies
 - The importance of education and training
 - Europe's blue bioeconomy
 - Links between our bioeconomy and food sector
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Recent and ongoing activities:

Co-operation of ICA-Bio with other European initiatives dealing with education in bioeconomy



Joint activities with current initiatives, e.g. the networks BIOEAST, BioCannDo

- ❑ Participation at the **BIOEAST Conference “Bioeconomy in the forefront of national policies”** on 8 Nov. 2018, Budapest
 - Agreement on follow-up co-operation between BIOEAST and ICA-Bio on Education and Training for bioeconomy in order to strengthen the European perspective
- ❑ Workshop in Prague on 19 Sept. 2019 on the development of a **Community of Practice (CoP)** on Bioeconomy Education
 - Follow-up meeting on 15 October 2019 in Brussels

Proposed future actions:

Potential contributions of ICA-Bio to the development of Community of Practice (CoP)



- ICA offers the possibility of an **umbrella for networks across Europe** focusing on Education for the Bioeconomy
- *Proposed at the CoP preparatory meeting on 15 October 2019 in Brussels:*
 - Currently discussion with two networks; open for further networks
→ **Community of Practice (CoP)?**
 - ICA provides the advantage of directly linking to Rectors and Deans of agricultural and life science universities
 - ICA Bio should continue to mainly focus on Education for the Bioeconomy

Proposed future actions:

Potential contributions of ICA-Bio to the development of Community of Practice (CoP)



Continued:

- ❑ Future aim of ICA-Bio should be to develop a CoP to explore the issues relating to the development of curricula for/in the Bioeconomy
- ❑ Proposal of an ICA-Bio Colloquium “Education for the Bioeconomy Colloquium” in 2020
- ❑ At that colloquium a new Executive Committee of the ICA-Bio should be elected, including candidates of the other CoP members
- ❑ Josef Glössl would continue high level engagement e.g. GBS 2020, proposed UNESCO conference in 2020, and with the EC
- ❑ In the meantime JG would continue to report to the ICA Board on ICA-Bio developments

Recent and ongoing activities:

Co-operation of ICA-Bio with other European initiatives dealing with education in bioeconomy



- Participation of ICA as a partner in the EU COST-Proposal „Education on the Bioeconomy“
 - submitted by April 2018
 - Revised versions re-submitted in Nov. 2018 and Sept. 2019

Thanks you for your attention



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