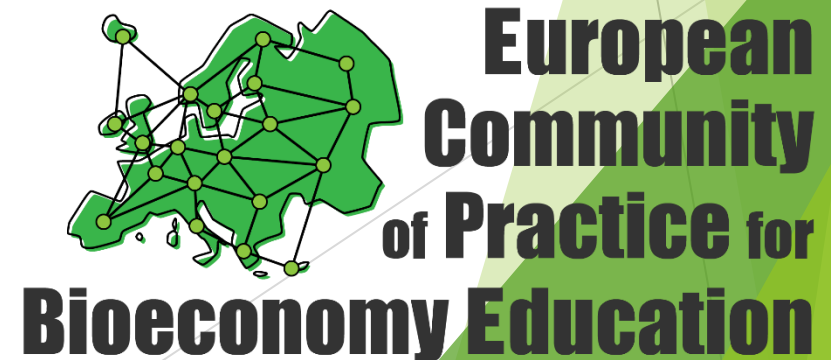




Welcome

Workshop ICA CoP Bio-Edu

Engaging with Industry to ensure that graduates and professionals are well prepared for employment in the bioeconomy



The CoP: Short History

- ▶ Result of BioCannDo, Horizon 2020 project
- ▶ Building a network for educational innovators in the Bioeconomy.
- ▶ First group in Prague in September 2019
 - ▶ Mona-Annita Riihimäki from HAMK
 - ▶ Ingar Janzik from Forschungszentrum Jülich
 - ▶ Joseph Glössl from Boku
 - ▶ George Sakellaris from West Bohemian University
 - ▶ Costas Vorgias from University of Athens
 - ▶ Simon Heath from ICA
 - ▶ Han van Osch from Avans/HZ

New member: Pawan Kumar Mishra



National and Kapodistrian
University of Athens



Centre of Expertise
Biobased Economy



European
Community
of Practice for
Bioeconomy Education

The Goals

- ▶ **develop educational projects** to develop and evaluate new educational materials, strategies and innovative training concepts and
- ▶ **share experiences and good practices** among educational actors coming from different educational sectors and regional perspectives, and
- ▶ **consult with industry and stakeholders** about skills demands and educational outcomes can be organized.



Our Activities so far

- ▶ Position Paper
- ▶ Connected to ICA as a board committee
- ▶ 2 international Summer schools, in 2020 and 2021
- ▶ Global Bioeconomy Summit: How to shape education for a Sustainable Circular Bioeconomy?
- ▶ Connecting to stakeholders, BIC
- ▶ Webinar on European Bioeconomy Education Activities
- ▶ Organizing Workshop 2022



Upcoming Activities

- ▶ Organize a yearly workshop
- ▶ Connect to the European Bioeconomy University (EBU) and Uninet.
- ▶ Create podcasts
- ▶ Webinars
- ▶ ...

- ▶ Reach out to a larger group of educators



Han van Osch

- ▶ Working at Avans University of Applied Sciences since 1990
- ▶ Founder of the Centre of Expertise Biobased Economy
- ▶ CoE BBE: Supporting Businesses, Executing Applied Research and Innovating Education in the field of Biobased Economy
- ▶ Portfolio Manager Educational Innovation
- ▶ Quarter Master Energy Transition
- ▶ Chair of ICA CoP Bio-Edu



ICA CoP Bio-Edu Colloquium 2022 in Ghent



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ICA CoP Bio-Edu Colloquium 2022 in Ghent

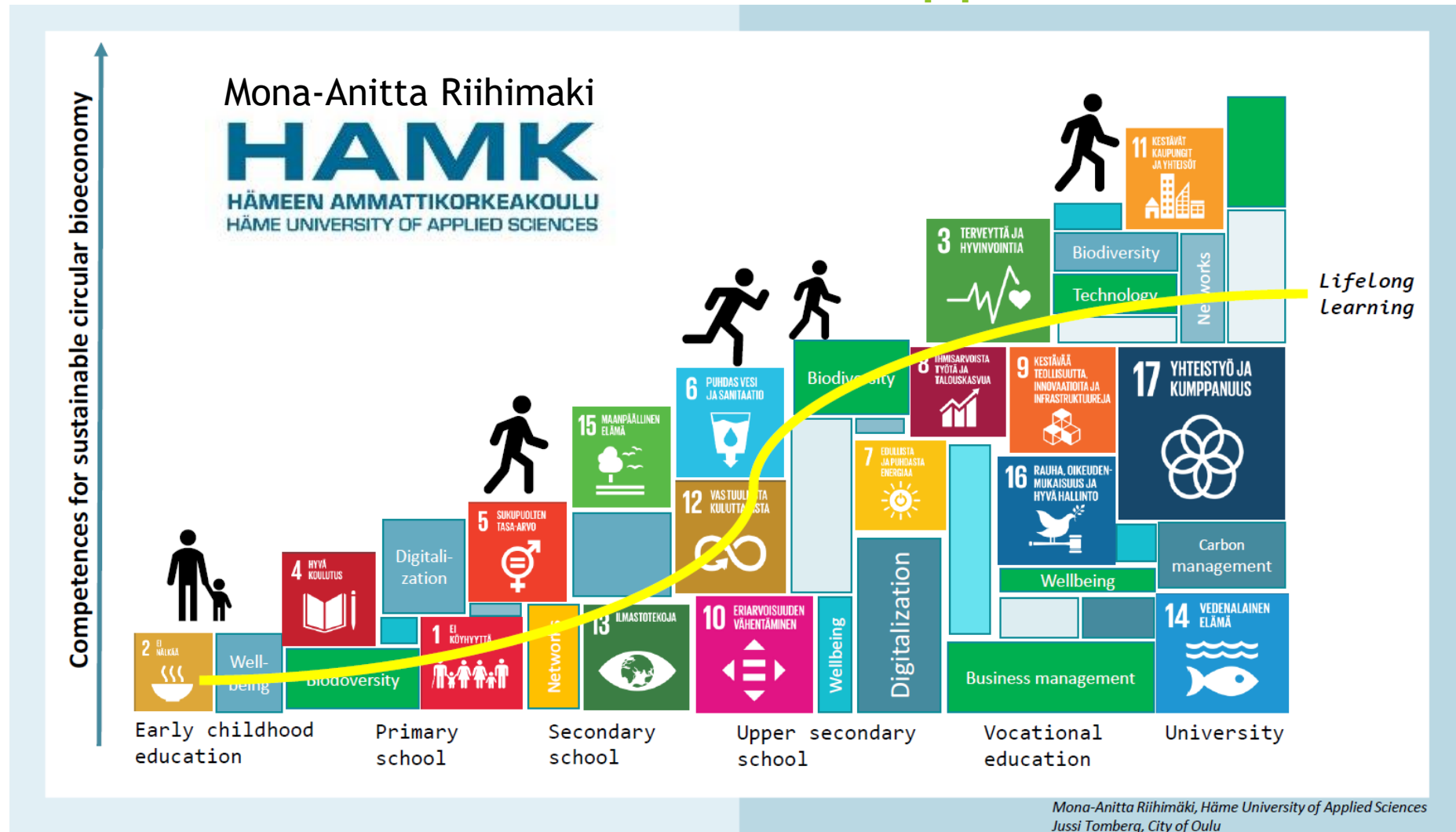


**Interdisciplinary Education for the Bioeconomy:
Embedding the mindset of the bioeconomy in
the curricula of Bachelor programmes**



**European
Community
of Practice for
Bioeconomy Education**

Our conclusion: We need all these levels and approaches



Workshop 2023

- ▶ Recognize and examine the gap: expectations of graduates and industry
- ▶ Identify specific generic competences
- ▶ The need to embed the mindset for the bioeconomy
- ▶ Exchanging good practices
- ▶ Examine how to develop life long learning



This session

- ▶ Nelo Emerencia: What does industry need?
- ▶ George Sakellaris & Damian Kuznowicz : Biobec project
- ▶ Break
- ▶ Janna Pietikäinen: Good practice from Finland
- ▶ Marta Eggers: Student challenges
- ▶ Discussion

- ▶ This evening: get together



Workshop 2023

Let's start!

