

Report on the development of the ICA Network for Innovation in Higher Education in the Life Sciences (ICA-Edu)

Barbara Hinterstoisser
Vice Rector for Teaching and International Affairs
University of Natural Resources and Life Sciences, Vienna



inaugural meeting, 13th June 2017

Network for Innovation in Life Sciences Education:

develop and improve teaching and learning

=> boundary crossing & seeing connections

=> learn from each other

=> critical educators and students

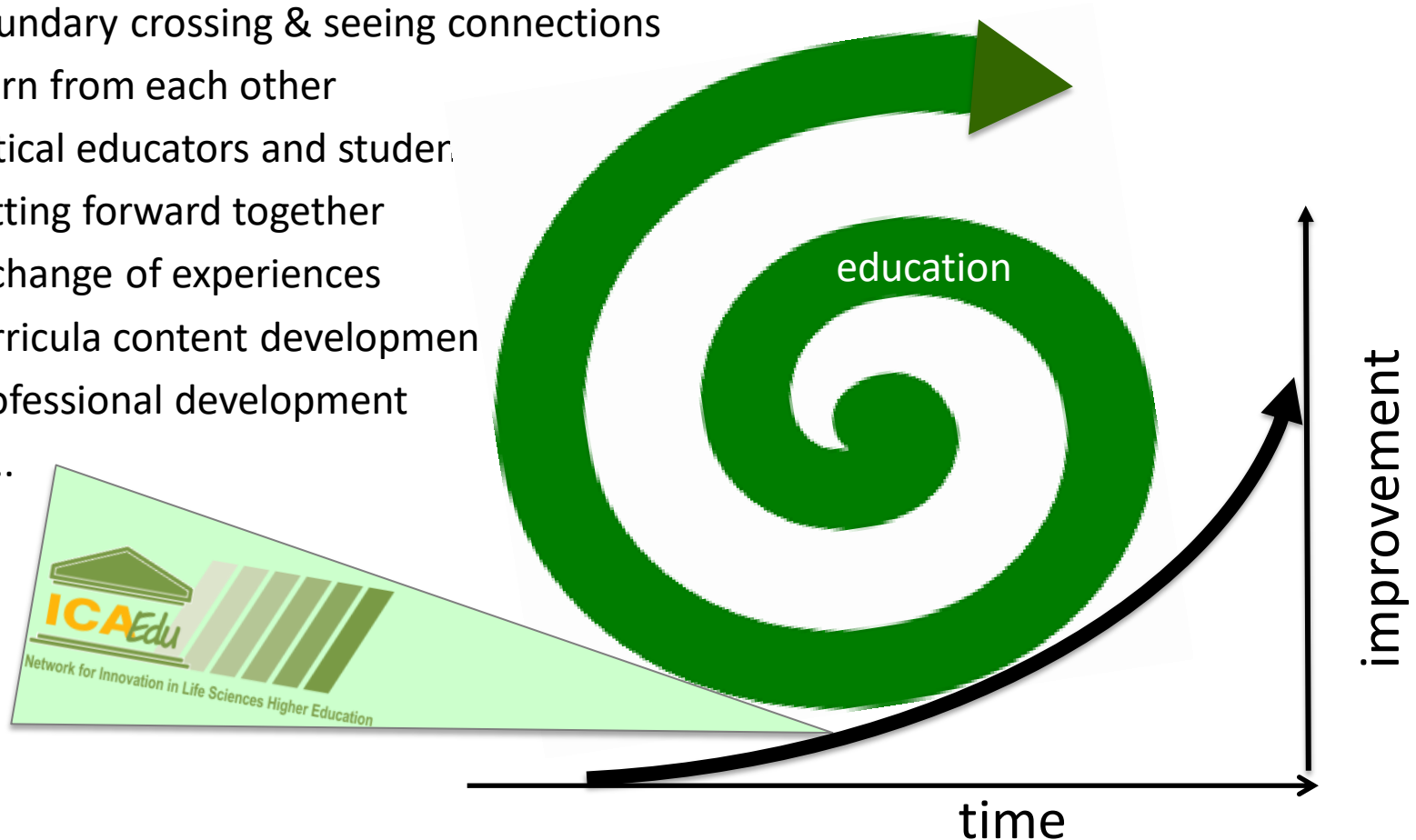
=> getting forward together

=> exchange of experiences

=> curricula content development

=> professional development

=>



ICA-Edu GA was held in Zagreb with elections to the ICA-Edu



ICA-Edu Executive Committee

Renata Bažok (Vice Dean, Faculty of Agriculture, University of Zagreb, HR),

Mia Eeckhout (Vice Dean, Faculty of Bioscience Engineering, Ghent University, BE)

Barbara Hinterstoisser (Vice Rector for Education and International Affairs, University of Natural Resources and Life Sciences, Vienna BOKU, AT)

Janna Pietlkainen (Vice Dean Academic Affairs, Faculty of Agriculture and Forestry, University of Helsinki, FI)

Teodor Trasca (Vice Dean, Faculty of Food Technology, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania", RO),

Two further members => process of being co-opted and will be proposed for election at the next ICA-Edu GA

Arnold Bregt (Director of Education, Wageningen University Research)

Johannes Sauer (Chair, Agricultural Production and Resource Economics, Director, Research Department Agricultural Economics, Vice Dean, Faculty for Life Sciences, Technical University of Munich)

At the ICA-Edu Executive Committee:

Barbara Hinterstoisser (BOKU) was confirmed as President and **Renata Bazok** (Zagreb) as Vice President.

Handout letter by Simon on Your desks!!

Subject:

Key Contact for ICA-Edu

the ICA Network for Innovation in Life Sciences Education

- Board agreed that ICA should develop activities which would be attractive to staff at a lower level in the institution.
- The ICA Board invites to **nominate a member of academic staff** who has a particular interest in developing innovative approaches in teaching and their students learning to be a key contact for your university/faculty for ICA-Edu activities.

Our Mission

- ICA-Edu aims to provide the opportunity to discuss, evaluate and deliver innovative approaches in higher education in the life sciences in support of the European and global agenda for a sustainable bioeconomy (biomass production, and the food and non food value chains), for the protection of biodiversity, for a vibrant rural development and for a sustainable environment.
- Past ICA-Edu Colloquia have focused on (see www.ica-europe.info > past ICA Conferences):
- Please do nominate a key contact from your university/faculty for engagement with the ICA-Edu Network.

1. ICA-Edu Action Plan 2018 – 2021

Paper 5 ICA-Edu Action Plan 2018 - 20

2. ICA-Edu Terms of Reference

Paper 6 ICA-Edu Draft Terms of Reference

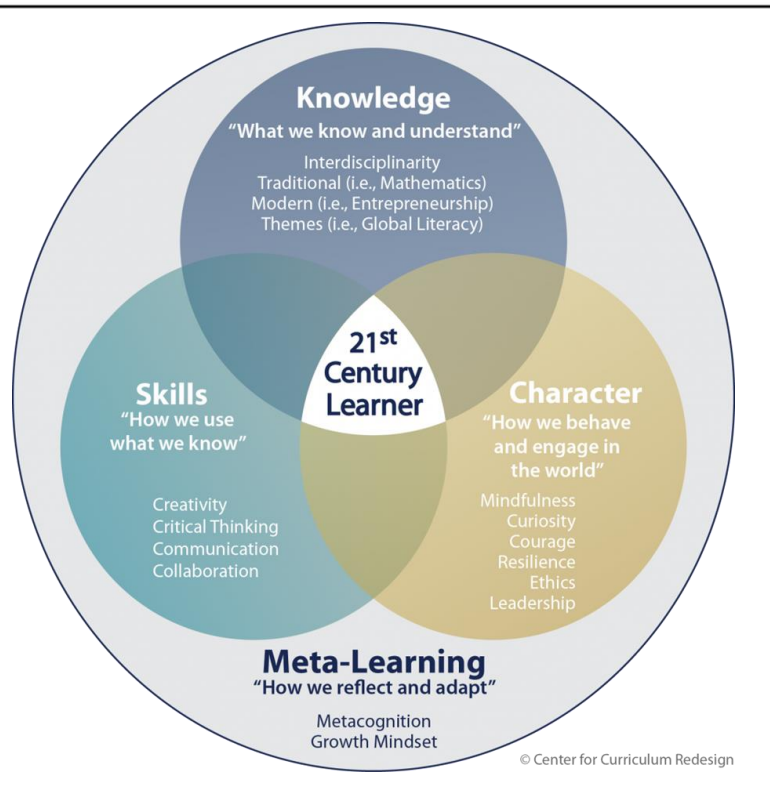
3 Proposal for action in 2017 - 18

Paper 7 Proposals for Action 2017 – 18

+ Proposal for Financial Support

DRAFT ICA-Edu Action Plan 2018 - 2021

Our Frame



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Objectives

ICA-Edu will

Objective 1: develop and maintain an active network to support cooperation between innovators in life sciences higher education

Objective 2: contribute to the European and global agenda for the enhancement of the higher education curricula in the life sciences

Objective 3: share experiences and outcomes from the best current national and international practice and projects to improve the overall quality and relevance of the teaching and learning process

Objective 4: define the need, frame the scope for and deliver staff development initiatives to support the enhancement of the delivery of higher education in the life sciences, and will

Objective 5: secure resources (human and financial) to reach these objectives

DRAFT ICA-Edu Action Plan 2018 – 2021



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Objective	Expected Outcomes	Steps in Implementation	Milestones	Resource human & financial	Completion
Objective 1 develop and maintain an active network to support cooperation between innovators in life science higher education in ICA member institutions	The ICA-Edu Executive Committee are seen as a motivating force for the development of ICA-Edu as a Committee of the ICA Board	The Executive Committee shall be composed of at least 7 members. A balanced distribution of the Executive Committee members over the different regions of Europe will be assured.	Formal election of ICA-Edu Executive Committee members at the ICA-Edu GA 13 June 2017	•	• Completed June 2017
	A Key Contact for ICA-Edu in each ICA Member Institution	Request for nomination sent to ICA Institutional Contacts	Requests sent in 2017	•	•
	Develop a "Community of Practice" by encouraging other members of staff in ICA member institutions to participate in ICA-Edu. Membership of ICA –Edu is on the basis of personal membership.	Send notice to past attendees of ICA-Edu Events Develop a database of contacts for ICA-Edu		•	•
		Ask IRO Contacts to publicise the possibility in their institutions		•	•
	Communicate effectively with ICA-Edu Members to build the community of practice for innovation	Develop ICA-Edu Website	Develop template on a server at BOKU	• Agree contact with Fairgraphix	•



Objective	Expected Outcomes	Steps in Implementation	Milestones	Resource human & financial	Completion
experiences and outcomes from the best current national and international practice and projects to improve the overall quality and relevance of the teaching and learning process	innovative approaches to higher education in the life sciences	Identify programme Output: Summary sheet and the possibility of paper(s) in peer reviewed journals	2018		
	A programme of Webinars on innovative approaches in teaching and students' learning	Setup Webinar platform, select themes and presenters, define dates, make advertisement	Date ? 2018	<ul style="list-style-type: none"> Set up costs 900€ Andreas Zitek 	•
	The ICA-Edu Website highlights innovative approaches to education in the life sciences	Set Up Mahara ePortfolio to develop professional teaching portfolio online to share materials with peers	Date ? 2018	<ul style="list-style-type: none"> Set up costs 2500€ Andreas Zitek 	•
Objective 4: define the need, frame the scope for and deliver staff development initiatives to support the enhancement of the delivery of higher education in the life	Staff Development courses certified across Life Science universities	Provided as MOOCS on the Open EDX platform of ICA Edu, Erasmus+ exchanges Summer School for lecturers on specific topics in reaching and learning	Not planned to be implemented in 2018	•	•

Objective	Expected Outcomes	Steps in Implementation	Milestones	Resource human & financial	Completion
sciences					
Objective 5: secure resources (human and financial) to reach these objectives	Secure basis for the funding of the Secretariat for ICA-Edu	Request support from the ICA Board	Submission to the ICA Board Oct 2017	•	•

actions in 2017 – 2018

ICA-Edu's focus:

- developing the skills and character of life science university students
- supporting lecturers address the topics of:
 - Sustainability,**
 - Ethics,**
 - Entrepreneurship and Innovation**
 - Leadership**

=> developing teaching and students learning.

actions in 2017 – 2018

- **building a community of practice**
 - => Further identify a Key Contact for ICA-Edu in each ICA Member Institution
- **develop a Mahara e-Portfolio platform** to exchange best practice to enrich teaching in our focus topics:
 - 1) build up individual teaching portfolios, showing field of teaching, innovative teaching methods, material, experiences
 - 2) to enable the sharing of teaching resources and experiences with selected persons and groups.

cost of about 2500 €

actions in 2017 – 2018

- **Develop a series of Webinars** in support of the current aims of ICA-Edu focusing on Sustainability, Ethics, Entrepreneurship and Innovation, Leadership
Andreas Zitek at BOKU will set up the Webinar solution at a **cost of 900 €**.
- **Develop the programme for the ICA-Edu Colloquium 2018** to be hosted at XXXXX in May in Munich
- **Plan to resubmit the InTEIL-LS project –**
Innovative teaching for Entrepreneurship, Innovation and Leadership in Life Sciences.
a face to face meeting of partners in January 2018 (9 partners),
proposed that ICA supports at 120€ per partner = **1080 €**
- **Develop the ICA-Edu Website** in support of these actions – **cost 660 €** to set up the template

Request for ICA-Edu Funding Support 2017 -2018 from ICA Board:



Develop a Mahara e-Portfolio platform	2500
Implementation of Webinar Solution	900
InTEIL-LS project application face to face meeting with partners	1080
Develop the ICA-Edu Website	660

Total Grant Requested from ICA Board for 2018	5140
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- BOKU supports the start once by **4500€**
In addition support for the day to day management of ICA-Edu at BOKU by Andreas Zitak (2 days per month (4 half days), 16 hours per month = 550 € per month = **6.600 €** per annum.
- ICA supports by 4500,-



Network for Innovation in Life Sciences Higher Education