Empowering Tomorrow's Sustainability Educators (POWER-SE)

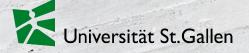
Dr. Stefan T. Siegel Lenka Kepkova Prof. Dr. Bernadette Dilger • I. Insights Into the POWER-SE Program

 II. Self-Reflection of SE-related Teaching Competencies (Small Taste of our Approach)

• III. Q&A and Discussion







I. Insights Into the POWER-SE Program

From insight to impact.

The POWER-SE Team



Institute of Business Education and Educational Management











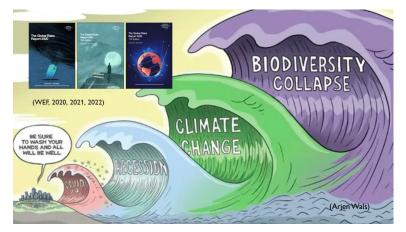


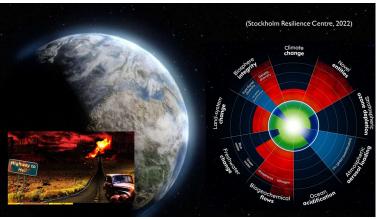


From left to right: Dr. Stefan T. Siegel, Prof. Dr. Bernadette Dilger, Lenka Kepkova, Carolin Lemke, Abigail Lynam

Rationale: The Importance of Sustainability in Higher Education

- Multiple and multiplying crises aka grand challenges in today's world (e.g., Adams, 2016; UNESCO, 2017; WEF, 2023)
- Crucial role of higher education institutions and faculty (Siegel & Dilger, 2023)
- Challenges and uncertainties faced by university instructors Uis (Hedefalk et al., 2021; McFarlane & Ogazon, 2011)
- Need for SE-related materials, exchange, and guidance (e.g., Brandt et al., 2022; Johnston, 2012; Scherak & Rieckmann, 2020)







Power SE: Project Objectives & Target Group

Objectives

- Develop a virtual international certificate program that
 - empowers educators (UIs) to develop their SE-related competencies
 - accompanies the participants in designing own teaching project
 - contributes to integrating SE into teaching in an evidence-informed, effective, ethically responsible manner
- Implement and test the program with approx. 20 international participants
- Evaluate the program impact, harvest key learnings incl. proposals for improvement and decide on the project continuation

Target Group

- 20 educators (UIs) from different disciplines and career stages
- From Switzerland (at least 20%) and internationally
- Focus on professionalizing teaching competencies in SE





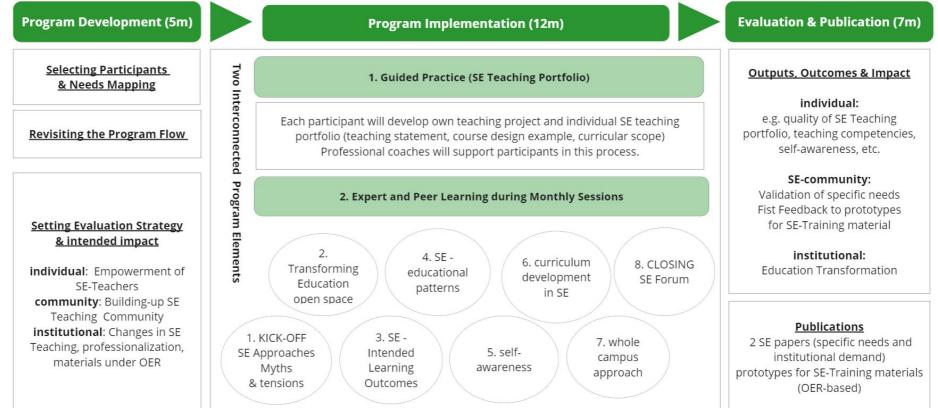


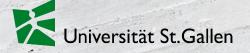
Guiding principles

POWER SE: Program Overview

· High level of participants and students engagement; Relationship-rich education, Peer-Learning

- Transformative learning , Flexible Structure that Meets Participants' Needs
- Principles of Design Based Research Approach

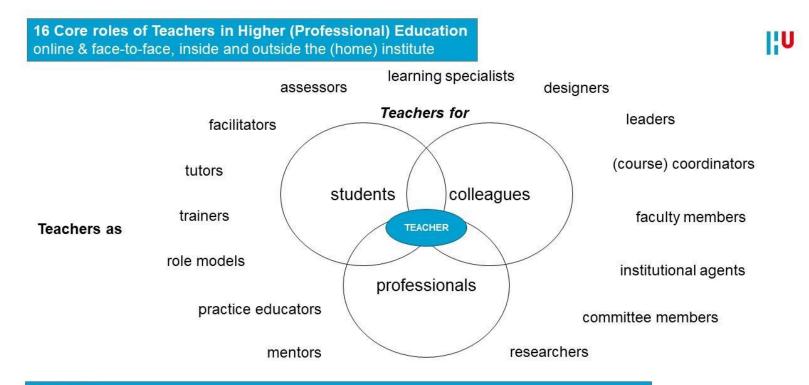




II. Self-Reflection of SE-related Teaching Competencies

From insight to impact. 17.02.2022

Should a teacher have five legs?



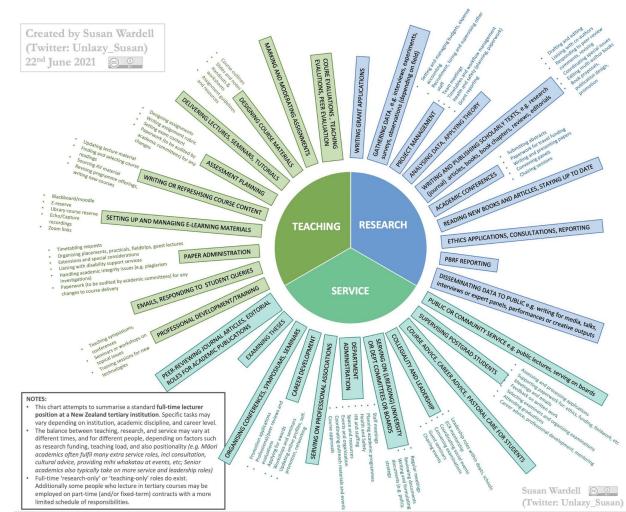
Key goal =

X

To develop skills and knowledge and to socialize learners to the profession [and citizenship]

Ommering & Koeslag-Kreunen (in preperation)

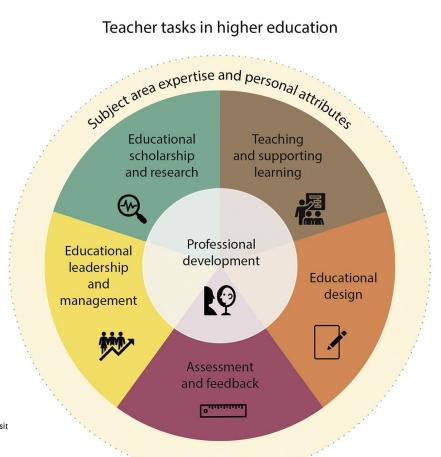
ACADEMIC LIFE: WHAT DOES A "LECTURER" DO?

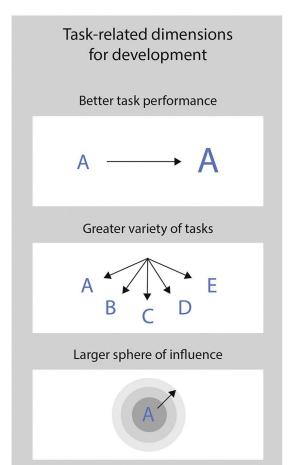


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Universität St.Gallen

What makes an expert university teacher? (van Dijk et al., 2020)





What are Sustainbility Competeces - "Green" Competences?

GreenComp (European Commission 2022)		Education for SDGs – learning objectives (UNESCO 20
Area	Competence	Key Competencies for sustainability
Embodying sustainable values	Valuing sustainability, Supporting fairness Promoting nature	Normative competency Strategic competency
mpracing complexity and Istainability	System thinking Critical thinking Problem framing	System thinking Anticipatory competency Critical thinking
visioning sustainable ture	Future literacy Adaptability Exploratory thinking	Integrated problem solving Collaborative competency
ting for sustainability	Political agency Collective action Individual initiative	Self awareness

Self-Reflection Tool



Sustainbility Educator's Competences Survey (Bern Conference)

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Welcome to our survey on sustainability competences!

Thank you very much for your participation.

☆ Benefit

By participating in this survey, you can gain closer insights into your own competences to transform societies towards a sustainable future. In addition, your participation provides valuable information for the further development of the POWER-SE program.

O Duration

We have tried to keep the duration of the survey as short as possible. To complete the questionnaire, you are expected to take less than 10 minutes in total time.

Responses

We ask you to answer all questions, we are interested in your personal assessments. Even if you are not sure about an answer, please tick those that most closely reflects your assessment. Some questions and statements sound similar but differ in detail - we would therefore like to ask you to answer each individual each statement accurately.

Data protection

Your data will be treated confidentially and used only in pseudomized form. This means it will not be possible to draw any conclusions about your person from the results. The results and data of this study may be published in scientific publications. This will be done in anonymous form, i.e., the data cannot be assigned to a specific person.

? Questions

If you have any further questions about this survey, please contact: <u>Stefan.Siegel@unisg.ch</u>

Sustainbility Educator's Competences Survey (Bern Conference)

QR-Code and Link to the Survey

Reflection of using the tool

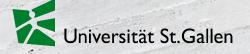
1. What did you think, learn, feel while filling out the survey?

2.Regarding the tool –
a)What fostered your self-reflection?
b)What hindered it?
c)What suggestions for improvement do you

have? \rightarrow Flipchart







III. Q&A and Discussion

From insight to impact.

Q&A and Discussion

• Questions about your learning and SE-related competencies

• Questions around the POWER-SE program design

• Questions about the future collaborations



Questions? Feedback?



Comments?