![Teacher Academy Project – TEACHING SUSTAINABILITY logo]

WELCOME WEBINAR

‚Sustainable Futures Education: International Perspectives and Practices'

**November 6th 2023
14:50-16:20 CET**

Design and moderation:
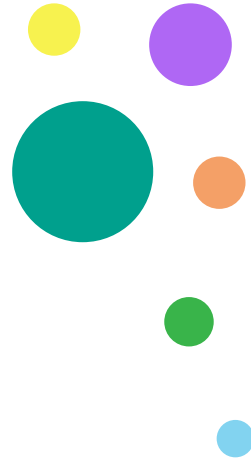**Rachel Bowden**
Ulrike Lang

Welcome Webinar - Agenda

Welcome

Perspectives on sustainability

Education for sustainability?

Organisational info + Working Group Presentation

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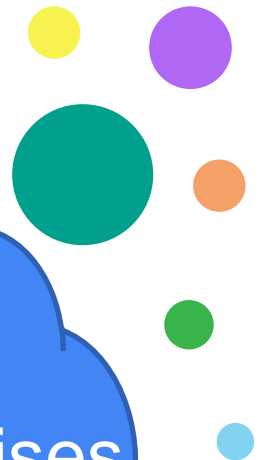
Co-funded by
the European Union

Sustainability perspectives

Share your views on …

Sustainability crises
Causes of crises
Solutions
Role/s of
education?

What makes them ‚sustainability' crises?

Severe impacts – Threaten global ecosystems

Complex– Social, environmental, economic, political aspects

Complex – Dynamic and unpredictable

Complex - Local and global causes and impacts

Human - made   Potential for human solutions

          Diverse perspectives exist!!!

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Green and Inclusive Growth

|	
VISION OF THE FUTURE	**A prosperous, inclusive and green future**
PRIORITIES FOR SUSTAINABLE DEVELOPMENT	Promote inclusive growth
KEY ADVOCATES	World bank, OECD, WEF, regional development banks
PRIORITIES FOR EDUCATION	Provide human capital with 21st-century skills
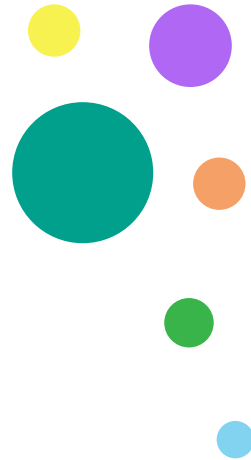
Human rights and capabilities

VISION OF THE FUTURE	Based on the realisation of human rights	Based on the flourishing of human beings and the natural world
PRIORITIES FOR SUSTAINABLE DEVELOPMENT	Promote human rights for all	Promote the capabilities of human beings, other species and natural systems
KEY ADVOCATES	United nations agencies, INGOs	Sen, Nussbaum, Schlossberg Human Development Report
PRIORITIES FOR EDUCATION	Inclusive, lifelong learning for all	Develop valued capabilities and functionings
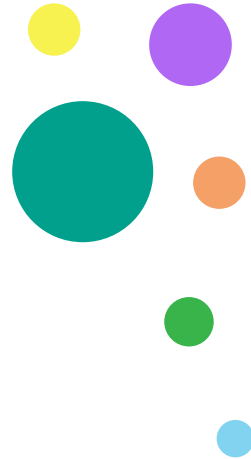
Environmental synergy

VISION OF THE FUTURE	**Based on synergy between human beings and the natural world**
PRIORITIES FOR SUSTAINABLE DEVELOPMENT	De-growth, post-growth, post-extractivism, Indigenous perspectives
KEY ADVOCATES	e.g., Latouch, Blewitt, Raworth, Amsler, facer, Andreotti
PRIORITIES FOR EDUCATION	Environmental education, education for sustainable development

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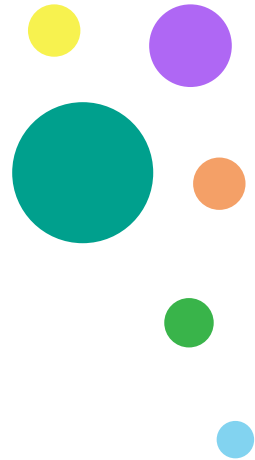
Decoloniality

VISION OF THE FUTURE	**A pluriverse of possible futures liberated from western modernity**
PRIORITIES FOR SUSTAINABLE DEVELOPMENT	Decolonizing development, post-development
KEY ADVOCATES	e.g., Mignolo, De Sousa Santos, Escobar
PRIORITIES FOR EDUCATION	Decolonizing the curriculum and research, democratising education

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Perspectives on sustainability

"It is useful to bring these different perspectives into conversation, and see tensions between these narratives as potentially generative rather than inherently problematic."

(Tikly, L., 2023) p. 24

Education for sustainability?

"Education systems often reproduce and perpetuate the very conditions that threaten our shared futures- whether discrimination and exclusion or unsustainable lifestyles"

"Education systems (…) have emphasised values of individual success, national competition and economic development, to the detriment of solidarity, understanding our interdependencies, and caring for each other and the planet"

(UNESCO (2021) report from the international commission of the futures of education p.11)

https://docs.google.com/document/d/1F TZVK6I98D9SHZbradW90uZzeXfKelA qeuCYud0tat8/edit?usp=sharing

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Date/time	Activity			
Sept-Oct 2023	Application period			
2 November 2023	Course opens on TAP-TS Moodle Platform			
Oct-Nov 2023	Face to face welcome seminar in partner institution			
6 November 2023 14.50-16.20	Education for Sustainable Futures Webinar			
November and December 2023	WG1: 2x webinars 24 Nov 2023 15.00-16.30 AND 04 Dec 2023 15.00-16.30	WG2: 2x Webinars 07 Nov 2023 15.00-16.30	WG3: 2x Webinars 13 Nov 2023 15.00-16.30 AND 11 Dec 2023 15.00-16.30	WG4: 2x Webinars 16 Nov 2023 14.50-16.20 AND 14 Dec 2023 14.50-16.30
	Development of learning in practice			
	Face to face seminars in partner institutions			
January 2024	TU Dresden 11 January 2024 14.50- 16.20 25 January 2024 14.50-18.00	IP Santarém 04 January 2024 10.00-13.00 11 January 2024 10.00-13.00		PH Wien 08 January 2024 15.00-16.30 29 January 2024 15.00-16.30
February 2024 Final webinars	WG1: 1x Webinar 05 Feb 2024 15.00-16.30	WG2: 1x Webinar 22 Feb 2024 14.00-15.30	WG3: 1x Webinar 05 Feb 2024 15.00-16.30	WG4: 1x Webinar 1 Feb 2024 14.50-16.20
21-23 March 2024	Face to face course in Dresden			

Moodle course

https://tap-ts.eu/course/view.php?id=44

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Padlet

https://padlet.com/ulrikeglang/sustainablefutures

TAP-TS Consortium

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TECHNISCHE UNIVERSITÄT DRESDEN

UCD DUBLIN

POLITÉCNICO DE SANTARÉM

CYPRUS PEDAGOGICAL
MINISTRY OF EDUCATION SPORT AND YOUTH

PH Wien

CorEdu
Bildung durch und durch

eummena

THE KING'S HOSPITAL SCHOOL
16 69

Friedrich-Schiller-Gymnasium Pirna

KR EDUCATION

TECHNISCHE UNIVERSITÄT DARMSTADT

European Commission

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Learning and Teaching Packages (LTPs)
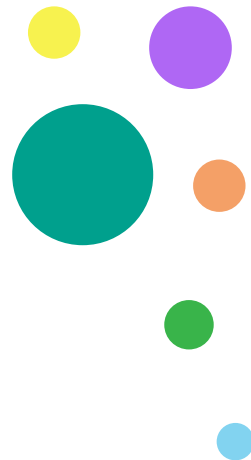
A Sustainable Europe

Sustainability & Digitality

Sustainability & Environmental Education

Climate Crisis Resilience

Dealing with Climate Disinformation

Green Citizenship in/for Europe

Sustainable Entrepreneurship Education (SEE)

GreenComp
The European sustainability competence framework

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WG 1
Sustainable Entrepreneurship Education

Sustainable entrepreneurship education (SEE) teaches young people **how** successfully use current resources to achieve sustainable growth while not risking future generations´ ability to access resources.

Create value for the society and our planet

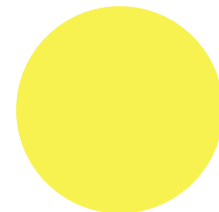Sustainable Entreprenurship Education

Workshop

What potential does Sustainable Entrepreneurship Education offer for teaching?

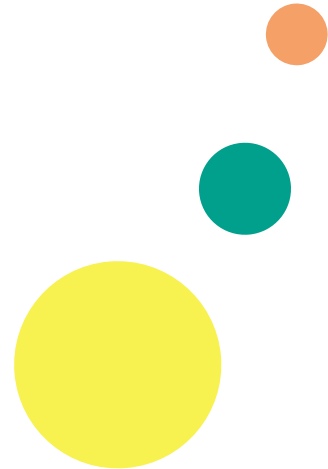How does SEE prepare students for future sustainable actions?

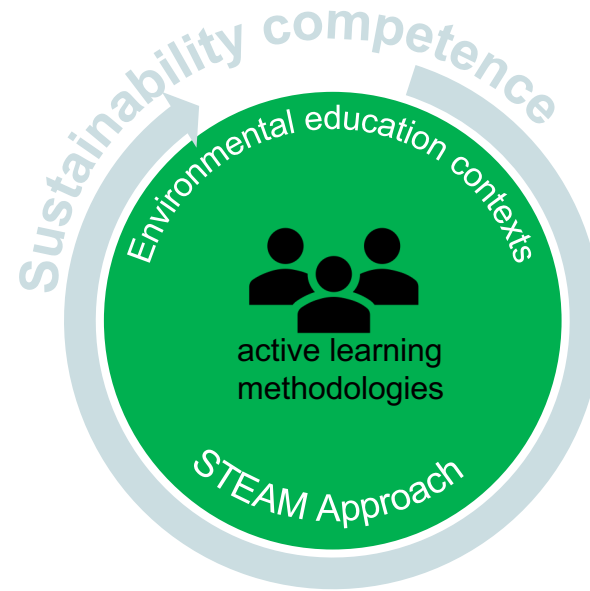How can SEE be implemented within the current curriculum?

WG2
STEAM for Sustainability & Environmental Education

Bento Cavadas | Neusa Branco

Sustainability & Environmental Education

1st Webinar
BAD Plastics | A STEAM activity about plastic pollution
7th November, 2023

2nd Webinar
Plastic pollution
December, 2023

Practice
Participants will adapt and implement one STEAM activity about an environmental topic, to foster sustainability competences in their students.

3rd Webinar
BAD Plastics | A STEAM activity about plastic pollution
22th February, 2024

LEARNING OBJECTIVES:

Recognize the interconnectedness of science, technology, engineering, arts, and mathematics in addressing sustainability challenges.

Identify environmental education contexts and active learning methodology to address sustainability.

Cultivate teamwork and collaboration skills by working on interdisciplinary activities or projects related to environmental education.

Acquire skills to foster their students to design sustainable STEAM solutions and explore new ideas that contribute to a more sustainable future.

Working Group 3: Sustainability and Digitality

Digitalisation is fundamentally changing the **possible pathways** of our future development.

So: In what kind of future do we want to live in? We need to **actively shape** the technological revolution and the digital change.

How can we use the **transformative power** of digitalisation to ensure a sustainable world?

Development of 3 Workshops

Workshop #01: „Find your Footprint!"

Workshop #02: „A Smartphone's Journey"

Workshop #03: „Underwater Internet"the

Addressing pupils in primary schools

Elena Revyakina | Florian Danhel

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Working Group 3:
Sustainability and Digitality

We will **explore** the connection between sustainability and digitality; affects of the use and production of technology (ecological, sociological)

We will consider **examples of implementing** the topic into schools.

We will **develop, adjust** and **try out** learning and teaching materials and/or lesson plans for **your teaching contexts**.

Elena Revyakina | Florian Danhel

Webinar 1 **13.11.2023** **15:00-16:30 CET**	Introduction phase and brainstorming exercise *A research phase
Webinar 2 **11.12.2023** **15:00-16:30 CET**	Exchange and presentation of ideas *Development phase
Local Seminar in Vienna **08.01.2024** **15:00-16:30 CET** Check with your institution coordinator	Presentation and teaching trials *A period of experimenting in the classroom
Local Seminar in Vienna **29.01.2024** **15:00-16:30 CET** Check with your institution coordinator	Reflection seminar
Webinar 3 **05.22.2024** **15:00-16:30 CET**	Final Webinar Exchange of Experiences Planning for Dresden Event

Rachel Bowden, Ulrike Lang

WG 4
Decoloniality, Language and Sustainable Futures Education

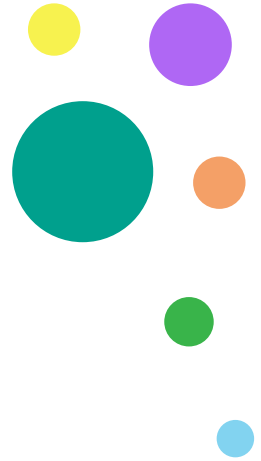**Explore connections** between de/coloniality and un/sustainability

Critically consider de/coloniality values, beliefs and practices in education

Explore language values, beliefs and practices in relation to de/coloniality and multilingualism

Identify strategies for engaging learners' linguistic and cultural resources for learning

Enjoy the course!

Thank you for your participation.

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