University of Zurich UZH

Sustainability Team

Empa
Materials Science and Technology

ALLIANCE
COPERNICUS
EUROPEAN NETWORK ON HIGHER EDUCATION
FOR SUSTAINABLE DEVELOPMENT

Professional Training for ESD.

Learnings from an European wide study among universities and a case from University of Zurich, Switzerland

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October 16th 2017,
FU Berlin, Workshop „Sustainability in Teaching" , University Alliance for Sustainability

The Rio+20 Treaty on Higher Education

Treaty Circle: 31 HE networks and institutions from around the globe

~100 signatories

Development in the advance of the Rio+20 conference in cooperation with 25 organizations from around the world.

Concentration on:

– Whole-of-institution approach

– Transformation

– Immediate – short and long-term goals
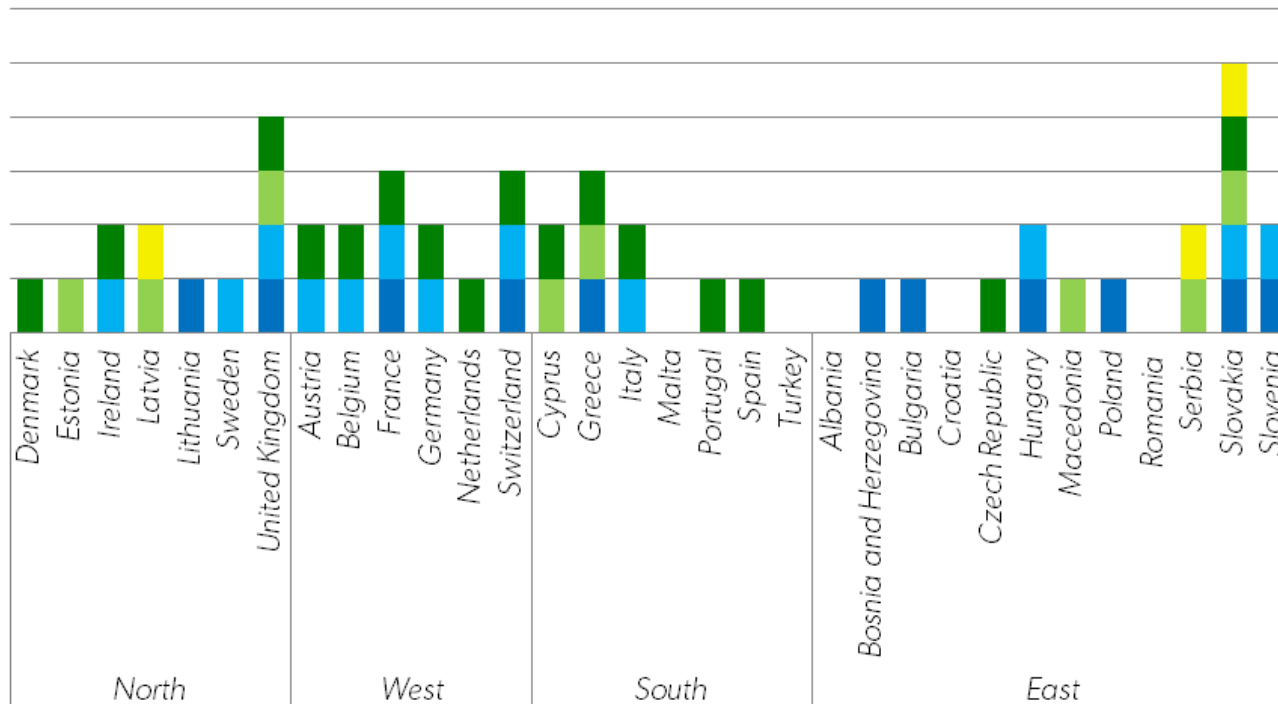
Website: http://www.copernicus-alliance.org

Principles
#1: To be transformative, higher education must transform itself
#2: Efforts across the higher education system must be aligned
#3: Partnership underpins progress
#4: Sustainable development is an institutional and sector-wide learning process
#5: Facilitating access to the underprivileged
#6: Inter- and trans- disciplinary learning and action
#7: Redefining the notion of quality higher education
#8: Sustainable development as a whole-of-institution commitment

Professional Training for ESD @ Universities

Overview of national strategies, policies or legislations, which recognise ESD in Higher Education in the UE4SD partner countries (one unit per category)

- Development plan for HE
- SD/ Agenda 21 strategy or plan
- National legislation
- ESD/DESD strategy or plan
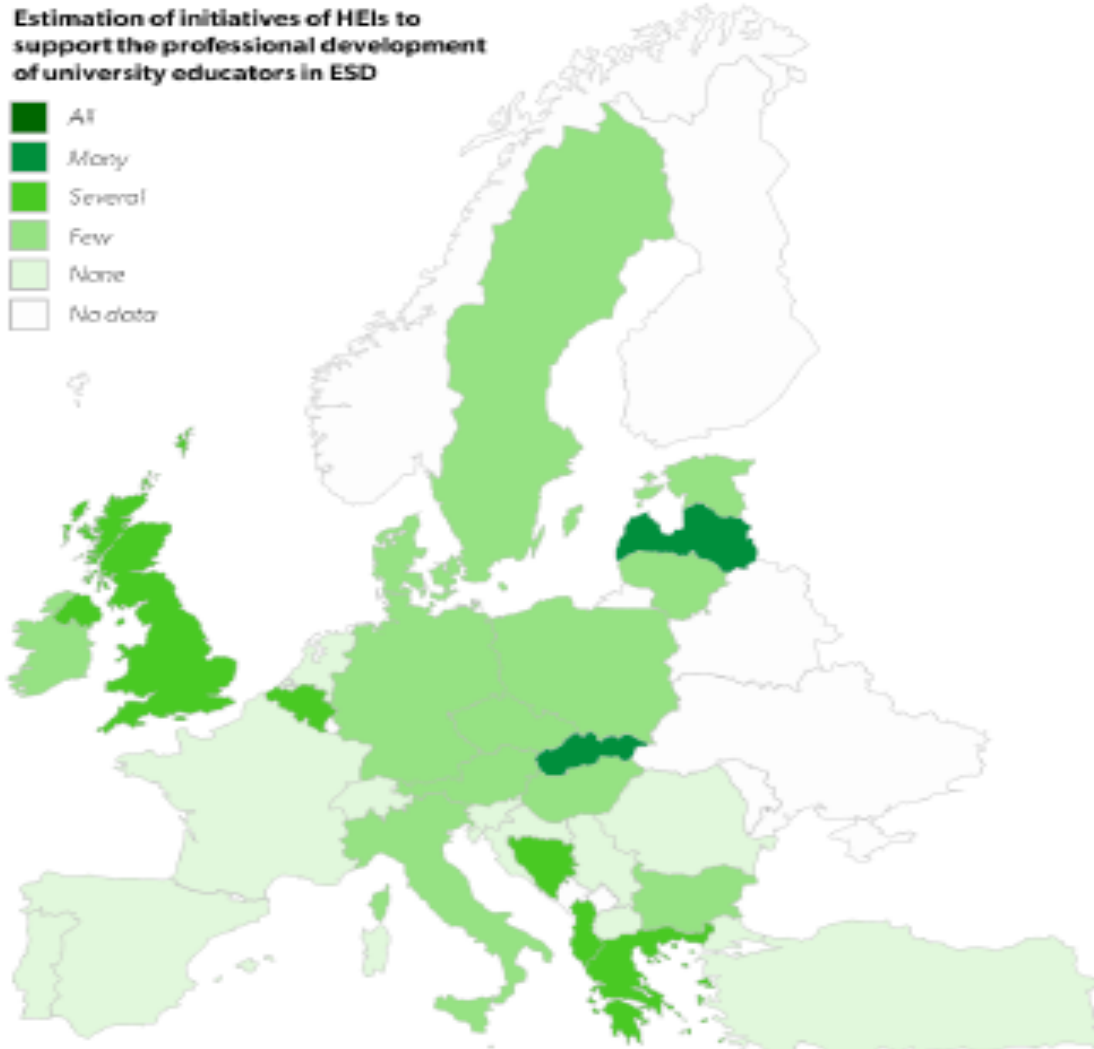- HE act or strategy

STATE OF THE ART REPORT

Mapping opportunities for developing Education for Sustainable Development competences in the UE4SD partner countries

UE4SD
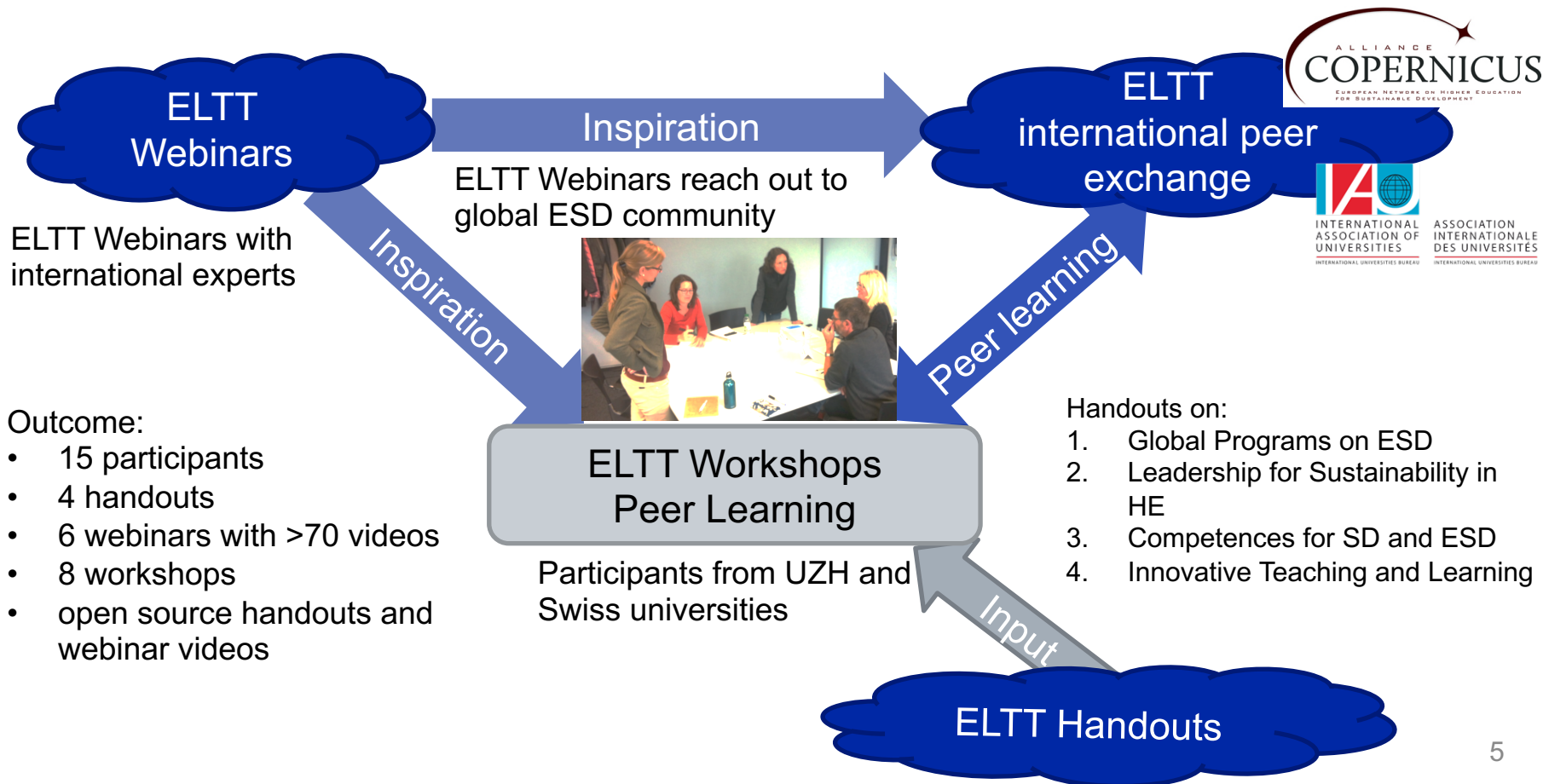UNIVERSITY EDUCATORS FOR SUSTAINABLE DEVELOPMENT

Map 3: Estimation of the occurrence of initiatives of higher education institutions to support the ESD professional development of university educators in the UE4SD partner countries

ELTT: Enabling Leadership for Transformative Teaching and learning for sustainable development

Co-funded by the Sustainable Development at Universities Programme of the Swiss Academies of Arts and Sciences and the Stiftung Mercator

ELTT Webinars

Inspiration

ELTT Webinars reach out to global ESD community

ELTT international peer exchange

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INTERNATIONAL ASSOCIATION OF UNIVERSITIES — ASSOCIATION INTERNATIONALE DES UNIVERSITÉS
INTERNATIONAL UNIVERSITIES BUREAU — INTERNATIONAL UNIVERSITIES BUREAU

ELTT Webinars with international experts

Inspiration

Peer learning

Outcome:
- 15 participants
- 4 handouts
- 6 webinars with >70 videos
- 8 workshops
- open source handouts and webinar videos

ELTT Workshops Peer Learning

Participants from UZH and Swiss universities

Handouts on:
1. Global Programs on ESD
2. Leadership for Sustainability in HE
3. Competences for SD and ESD
4. Innovative Teaching and Learning

Input

ELTT Handouts

ELTT ambition: Learning based change for sustainable development

Learning based Change (LBCh),…. process which can motivate and engage people in creating sustainable futures (Tilbury 2007, p.121)"
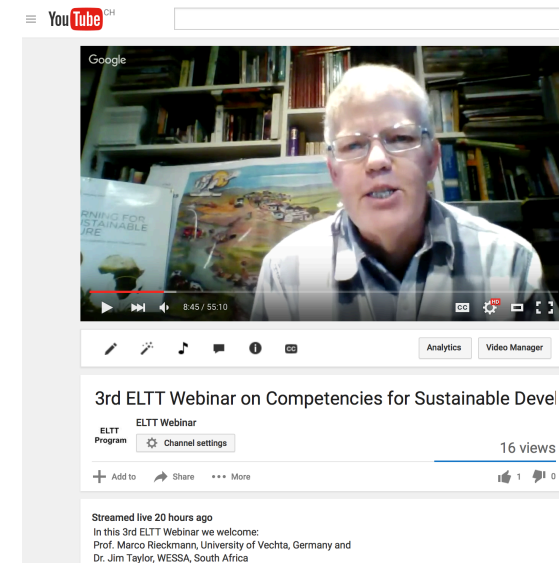
– LBCh,… build competence & change strategy to assist people and organizations to move towards sustainable development

– Pathways for LBCh: Mentoring, Facilitation, Participative inquiry, Action Learning & Research

Three forms of knowledge

Target, system and transformation knowledge

→ **ELTT approach:** blended learning combined with interactive exchange

3rd ELTT Webinar on Competencies for Sustainable Devel

ELTT Webinar

ELTT Program   ⚙ Channel settings   16 views

＋ Add to   ➤ Share   ••• More   👍 1 👎 0

Streamed live 20 hours ago
In this 3rd ELTT Webinar we welcome:
Prof. Marco Rieckmann, University of Vechta, Germany and
Dr. Jim Taylor, WESSA, South Africa

Tilbury D., 2007: Learning based change for sustainability: perspectives and pathways,
In: Wals A., Social Learning Towards a Sustainable World, Wageningen Academic Publishing, 117-131.

Interactive exchange practices applied in ELTT

Transformation kn. & Ideas generation

System knowledge Interaction & exchange

Case exchange

Peer groups

Virtual group exchange

World Café

Open discussion

Input & discussion

Webinar

Challenge: right method for targeted ambition

LbCh & transformation knowledge: a mix of methods

Target knowledge reflected learning

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Thanks for your attention!!

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