

Programme today:

9.00 Welcoming speeches

9.45 Can entrepreneurship change the world?

10.00 Aalto climate anxiety groups

10.30 Workshops

11.30 Lunch & Climate Challenge filming

12.30 What makes me happy?

12.45 Arts-based, multidisciplinary teaching

13.45 Co-teaching & ethics panel

14.30 Coffee break & Climate Challenge filming

15.00 Aalto showcases

16.15 Aalto Online Learning

16.35 Wrap Up exercise

16.45 Closing of day 1

17.00 Campus tours

18.00 Dinner at Fat Lizard

Multidisciplinary digital learning in sustainability challenges –
flexible study paths to the working life.

A collaboration project of 11 universities, funded by OKM and SITRA.

CLIMATE UNIVERSITY
goes **Otaniemi**
2-3 March 2020

WELCOME to "Innovations and Creativity in Climate Education" seminar

A!

Aalto-yliopisto
Aalto-universitetet
Aalto University

**Aalto
Sustainability
Hub**

Greeting from Aalto School of
Science
Ari Koskelainen
Vice Dean, Professor

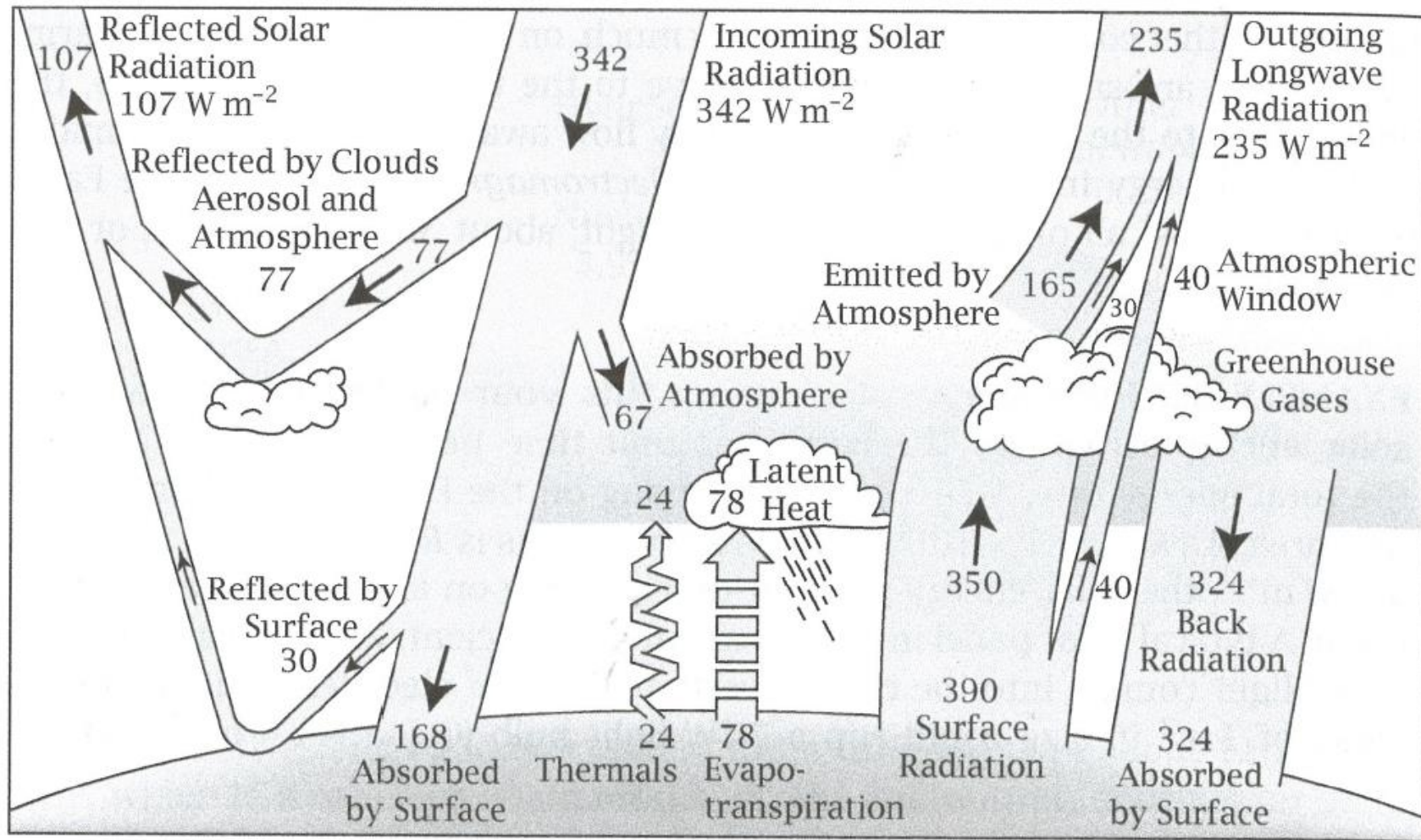
Climate University Seminar

Ari Koskelainen

2.3.2020



Aalto University
School of Science



From Dill & Bromberg: Molecular Driving Forces,
2nd ed., Garland Science

Welcome to Climate University
Laura Riuttanen
Postdoctoral Researcher, Project
Leader, University of Helsinki

CLIMATE UNIVERSITY

Teaching and learning for sustainable future

Laura Riuttanen
University of Helsinki
laura.riuttanen@helsinki.fi
@LRiuttanen

CLIMATE UNIVERSITY

*We need a new generation
with competences to tackle
the challenges of climate change
and the sustainability crisis.*

CLIMATE UNIVERSITY

Who?

- 11 universities
- Funding from Ministry of Education and Culture 2018-2020 (70%), Finnish Innovation Fund Sitra (10%), universities (20%)

CLIMATE UNIVERSITY

What?

- Online education on climate change and sustainability
- Workshops for university teachers
- Collaboration with schools and working life

www.climatenow.fi
www.ilmastonyt.fi

Funded by: **SITRA**

My Courses © Sitra 2016

Climate.now

CONTENTS

Welcome Progress: 0 / 3	4. Impacts Progress: 0 / 5	8. Applied perspectives and assignments Progress: 0 / 4
1. Climate change - what is it about? Progress: 0 / 4	5. Mitigation Progress: 0 / 5	9. Glossaries and other material Progress: 0 / 2
2. Climate system Progress: 0 / 4	6. Adaptation Progress: 0 / 3	10. To the teacher Progress: 0 / 1
3. The future of the climate Progress: 0 / 4	7. Big issues Progress: 1 / 4	11. Contact information

 Course Dashboard

Welcome

CLIMATE.NOW



Climate.now courses in universities

- **University of Helsinki** (course code ATM302)
- **University of Eastern Finland** (course code 3352703)
- **University of Oulu** (course code 766383A)
- **LUT University** (course code BH60A5900 and BH60A2601)
- **University of Jyväskylä** (course code BENA4036 and CEMY5120)
- **Tampere University** (course code FYS-3300)
- **Aalto University** (course code PHYS-E0580)
- **Metropolia University of Applied Sciences**
 - Many of these courses are also open via open university.



CLIMATE.NOW

www.leadforsust.fi

The image shows a course dashboard for 'Leadership for sustainable change'. The background features a pattern of orange and white hexagons. At the top left, it says 'My Courses'. The main title 'Leadership for sustainable change' is prominently displayed. Below the title, there is a 'CONTENTS' section with a list of course topics and their progress status. A search icon is visible on the right side. At the bottom right, there is a 'Course Dashboard' link with a circular icon containing a red dot.

My Courses

Leadership for sustainable change

CONTENTS

- Introduction
✓ Progress: 1 / 1
- 1. Challenges of sustainability
Progress: 0 / 2
- 2. Leading societal transition
Progress: 0 / 3
- 3. Professional Changemakers
Progress: 0 / 4
- 4. Project assignment
Progress: 0 / 1
- 5. To the teacher
- 6. Glossary
- 7. Contact information

Course Dashboard

Introduction

Welcome to the course Leadership for sustainable change!



www.circularnow.fi
www.kiertotalousnyt.fi

My Courses

Circular.now

CONTENTS
Introduction
Progress: 0 / 1

- 1. Sustainable food system
Conditional
- 2. Forest-based cycles
Conditional
- 3. Mobility and sharing economy
Conditional
- 4. Technical cycles
Conditional
- 5. Glossary
- 6. Assignments
- 7. Teachers' guide
- 8. Contact

 Course Dashboard

Introduction



CLIMATE UNIVERSITY

What is needed?

Based on study of needs, 2019:

- *Interdisciplinarity*
- *Holistic understanding*
- *Collaboration*
- *Data and science*
- *Science communication*
- *Values & ethics*
- *Consumer perspective*

Climate University new courses by 2020

Master
level
courses



"SystemsChange.
now"

"Solutions.now"

"Climate data
and statistics"

Bachelor
level
courses



"Sustainable.
now"

Modifica
tions /
additions



1 ECTS
"Climate
communication"

A minor (e.g. 25 ECTS) can be formed
out of these 5 ECTS courses



5 ECT
VIRTUAL
COURSE



PROJECT
MANAGEMENT
CHALLENGES
FROM
COMPANIES



13.1.-6.3.2020

PROJECT COURSE FOR SOLVING
SUSTAINABILITY CHALLENGES

Solutions. now

Open MOOC course for Master level students

Read more & register:
blogs.helsinki.fi/climateuniversity



Pilot course
collaborators:

- City of Vantaa
- Micropolis
- ST1
- Partioaitta
- CGI
- Useless
- Esri Finland
- Neste

Coming in 2020:



SUSTAINABLE. NOW

Piecing together the challenges of climate change and sustainability

- 5 ECTS
- In Finnish & in English
- BSc level

Oppimistavoitteet

Opiskelija hahmottaa ilmiölähtöisesti ilmastomuutoksen ja kestävä kehityksen haasteista tulevat risteävät, osin ristiriitaiset, tavoitteet sekä tilanteen moniulotteisuuden.

Kurssin suoritettuaan opiskelija tuntee ilmastomuutoksen ja kestävä kehityksen eri tavoitteiden välisiä monitieteisiä yhteyksiä ja hahmottaa erilaisia työkaluja ongelmien ratkaisuun.

Opiskelija ymmärtää positiivisuuden ja ratkaisukeskeisyyden merkityksen sekä yksilöillä olevan globaalin vastuun että systeemisen muutostarpeen kautta.

Coming in 2020:



SYSTEMS CHANGE.NOW

- 5 ECTS
- In English
- MSc level
- Prerequisites: Climate.now / Sustainable.now, or similar knowledge

LEARNING OBJECTIVES

Language of systems thinking

Systems thinking concepts and terminology in climate change and related global crises.

Analytical approach

Analytical approach to complex phenomena such as climate change, recognition of structures and basic level analysis of dynamic.

Confidence, expertise, belonging

Overcome unease of entering a foreign field of science, and instead considers themselves as a junior member of the expert community.

Coming in 2020:

A NEW CLIMATE.NOW MODULE:

CLIMATE COMMUNICATION.NOW

Three speech bubble icons are positioned to the right of the word 'CLIMATE'. The first two are black, and the third is white. They are arranged in a slightly overlapping, horizontal sequence.

Coming in 2020:

A large, expressive teal brushstroke that serves as a background for the text. It has a rough, painterly texture with visible bristles and varying shades of teal.

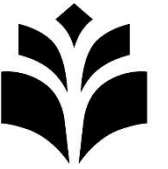
ILMASTO. NYT

LUKIOILLE

Coming in 2020:

Statistical tools for climate and atmospheric science (5 ect)

- Introduction to open data and basic data handling
- Descriptive methods and basic tests
- Linear models
- Nonlinear models and other regression methods
- Time series analysis
- Multivariate methods
- Validating and reporting the results of statistical analysis



UNIVERSITY OF
EASTERN FINLAND



UNIVERSITY OF HELSINKI



Nordplus

CLIMATE UNIVERSITY

Course principles:

- Online materials open for everyone (CC-BY-SA)
- Impactful & solution oriented
- Science based
- Multidisciplinary collaboration
- Digicampus platform, linked to aoe.fi

CLIMATE UNIVERSITY

Coming workshops:

Climate science and law
Kuopio 26.-27.5.2020

Climate University summary
Tampere Autumn 2020

CLIMATE UNIVERSITY

blogs.helsinki.fi/climateuniversity

Join us:
email-list

LinkedIn group

Twitter: @uni_climate

#ClimateUniversity

#CLIMATECHALLENGE

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#CLIMATECHALLENGE

#CLIMATEUNIVERSITY



Today

11:30-12:45

14:30-15:00

Climate education at Aalto
University
Sanna-Liisa Sihto-Nissilä
Climate.now course
teacher and Climate University
project coordinator



CLIMATE. NOW

Climate Education at Aalto University

*PhD Sanna-Liisa Sihto-Nissilä
Aalto University, School of Science*

*Innovations and Creativity in Climate Education seminar
2.3.2020, Dipoli, Otaniemi*

Background

- **My background**
 - PhD in Atmospheric Physics, University of Helsinki
 - MSc (Tech.) in Technical Physics, TKK/Aalto
 - Now at Aalto and D-mat Ltd.
- First general Climate Change Course in Aalto in autumn 2014
- Survey: *Climate education in Finnish universities*, Sitra's publications 11/2015
- Project funded by Sitra: 10/2014–10/2016
 - Climate.now / Ilmasto.nyt material for open use in higher education

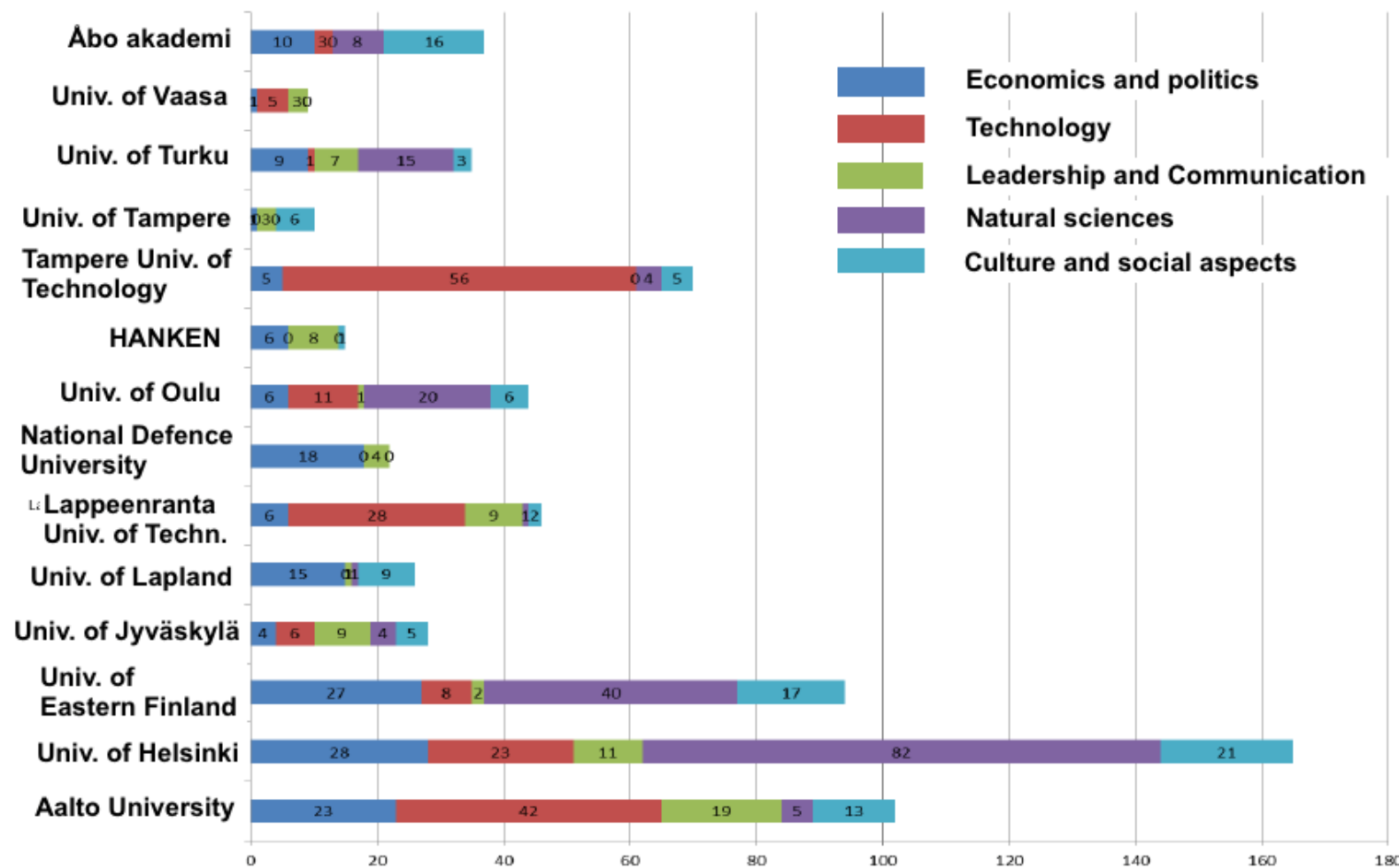
Survey: Climate education in Finnish universities

Climate change related courses in Finnish universities

Sitra's survey

Nov 2015

Climate change covered in all universities, but emphasis varies

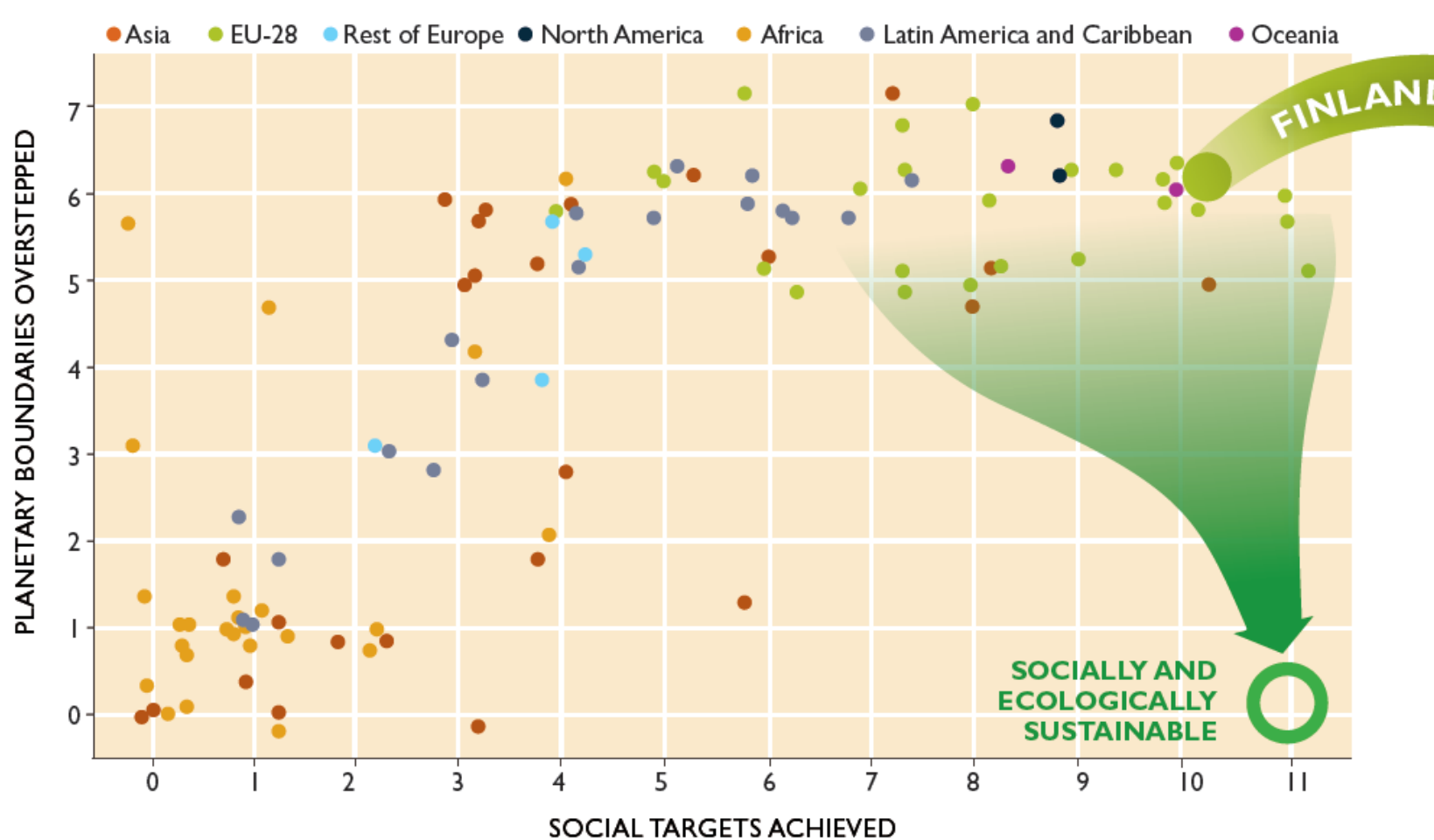


Aalto University
School of Science

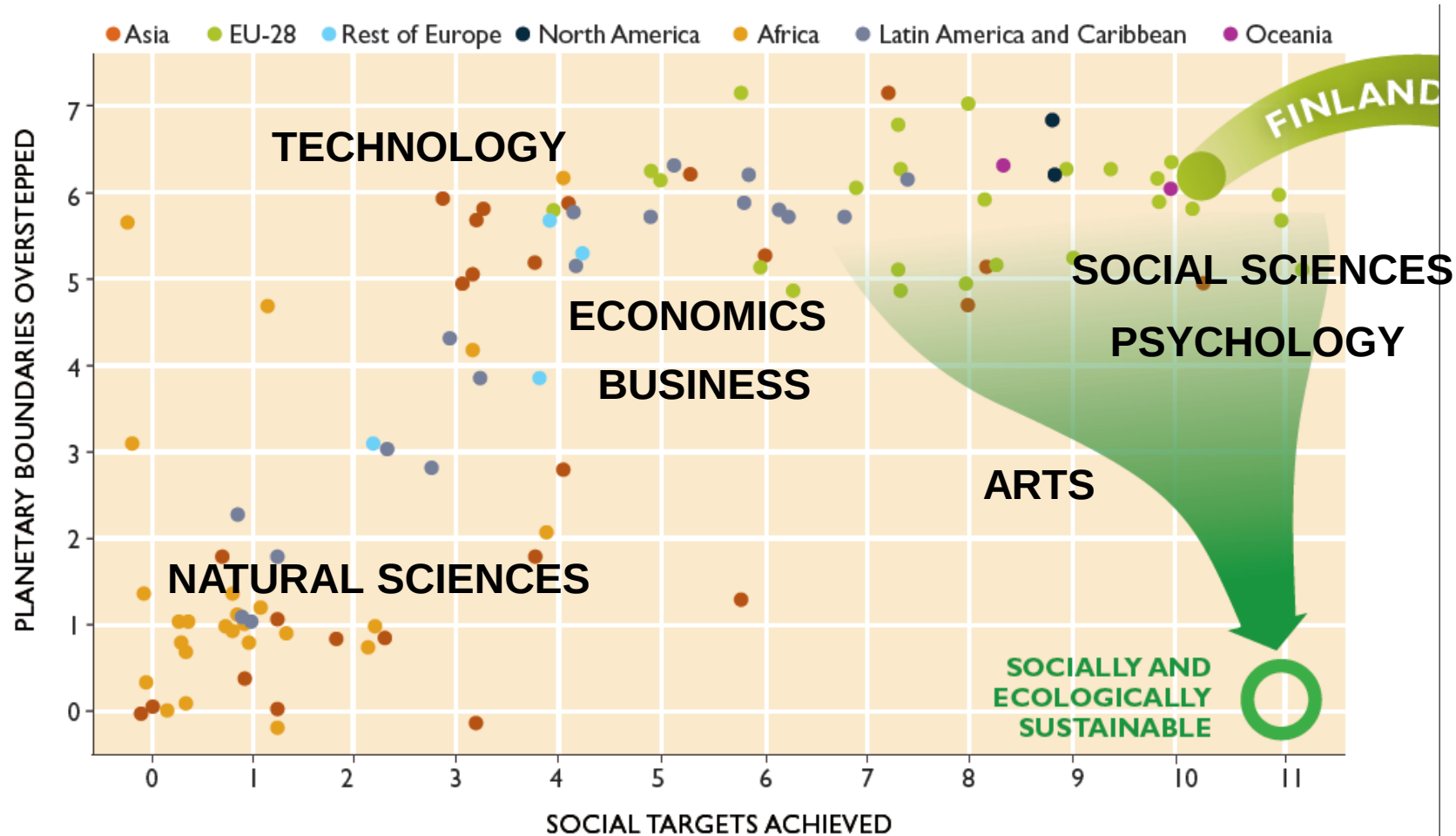
<https://www.sitra.fi/julkaisut/ilmastoalan-yliopisto-opetuksen-nykytila-suomessa/>

CLIMATE. NOW

Challenge: Not a single country has achieved a high level of well-being in an ecologically sustainable way



Challenge: Not a single country has achieved a high level of well-being in an ecologically sustainable way



Why climate education for all university students?

- Empower and support the students in making the transition in our society that is inevitably needed and that is happening
- As climate change is the most pressing problem of our time, it must be reflected and shown in university level education

"The world state, where the climate crisis is real, must be the starting point of education."

Discussion participant in
Timeout dialogue in Aalto
Jan 2019

Sustainability is in the core of Aalto's new strategy

- Strategy 2021 and beyond: Shaping a sustainable future
- Aim is to integrate sustainability into all education at Aalto

**We spark the game changers
of tomorrow**

Focus of development: Future-led learning



Sustainability in Aalto: Offerings for different learning needs

Baseline understanding



- For all bachelor students
 - Compulsory course(s)
 - Sustainability encounters in course assignments

Sustainability minors

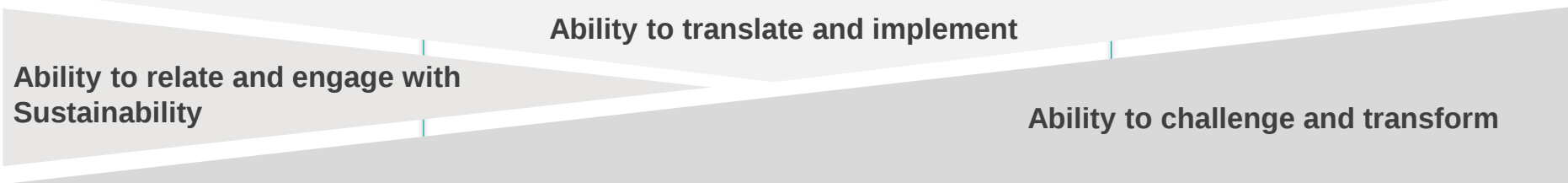


- For those who want to make sustainability a key complementary competence
 - Domain specific S-knowledge
 - ‘What has this discipline to contribute to sustainability?’
 - For both bachelor and master students

Dedicated Programmes



- For those who want to become sustainability experts (e.g. Creative Sustainability MA)
 - Systems view on sustainability and unsustainability
 - Challenge based teaching: ‘How might we...’



Aalto University

aalto.fi/en/sustainability/education-for-sustainability

Slide by CS task force

Aalto
Sustainability
Hub

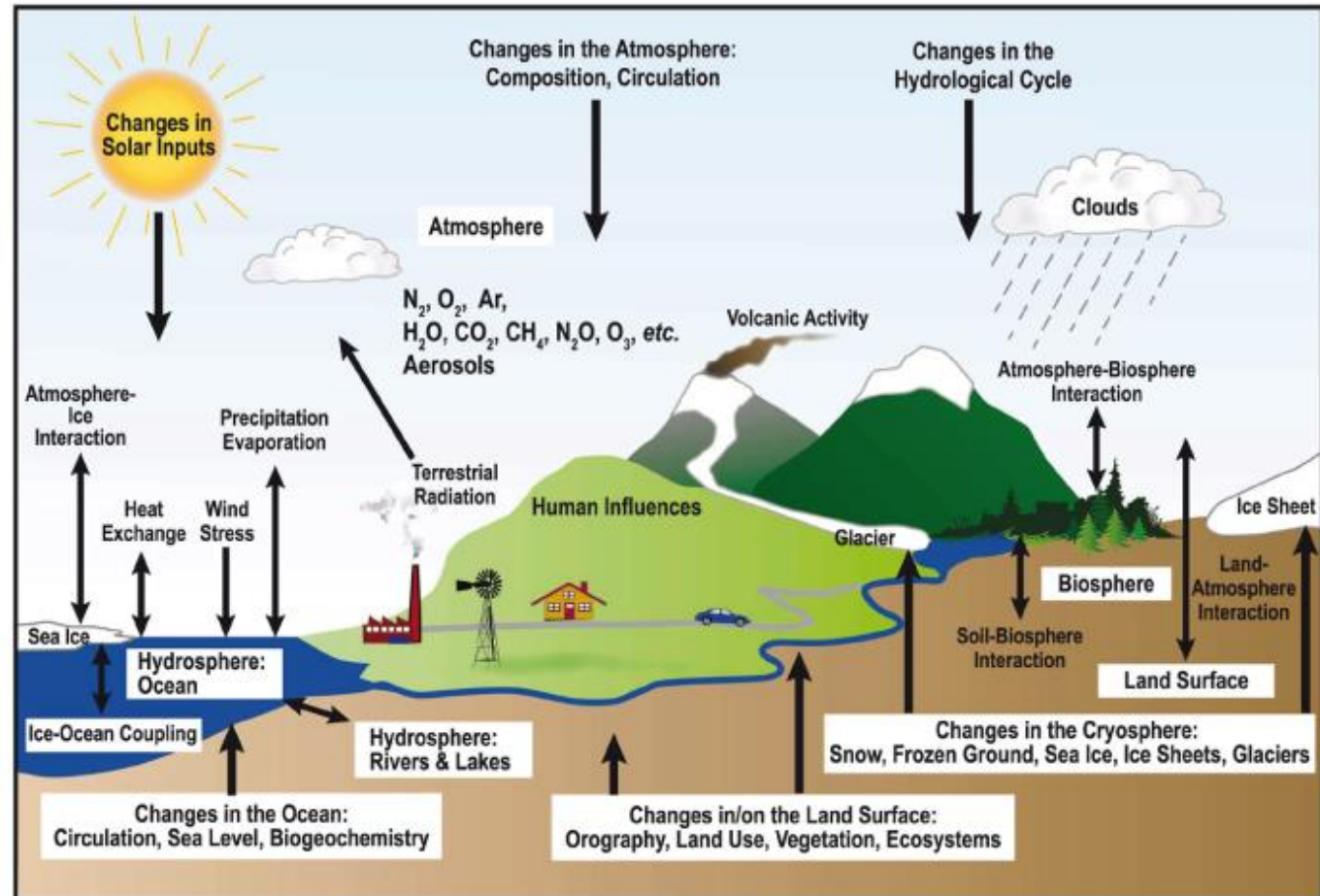
Climate change course in Aalto

- **Climate.Now – Basics of climate change and implications on technology and business**
- **Lectured in 2014, 2015, 2017, 2018, 2020**
- **Open for all Aalto students**
 - 50-100 students each year
 - From all schools (ARTS, BIZ, CHEM, ELEC, ENG, SCI)
- **Based on the Climate.now course concept**
 - Climate.now MOOC material
 - Reflective learning diary
 - Group work: "your own climate project"

Climate change course in Aalto

- Climate change as a scientific phenomenon
- Mitigation
- Adaptation

With a scent of business + technology aspects by visiting lecturers



Feedback from students

"Group work was very nice, our group worked well. Having compulsory meetings was good."

Multidisciplinary group work!

"It gave a good amount of climate literacy. I think it will help me in the future. The online material worked really well for me and I liked the guest lecturers."

"It is really important that we have a general course about climate change."

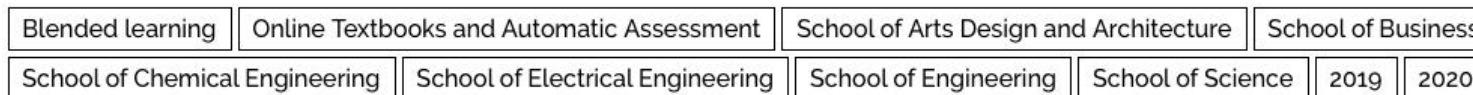
Climate.now with educational games (Aalto Online Learning pilot, spring 2020)



Pilot case

AALTO CLIMATE.NOW COURSE DEVELOPMENT WITH EDUCATIONAL GAMES

Developing and redesigning the Aalto Climate.now course to enable more flexible online learning and to increase the student engagement by using climate change educational games.



Current status of sustainability education in Aalto

- Climate change and sustainability mentioned on many (even all?) courses, the grand challenge is recognised
- Much of the research is directly linked to sustainability or climate change mitigation
- **However, feedback from students and personnel:**
Clear need for assessing climate issues on a deeper level during candidate/master education
There is considerable climate anxiety among the students; education needs to respond to that

Should the climate and sustainability teaching be integrated to the already existing courses or taught as separate courses?

- **We need both.**
- **Positive in integration approach:**
 - Student can see his/her own field's role in creating solutions and adapting to climate change
- **Shortcomings in integration approach:**
 - Discipline based integration fails to take into account the multidisciplinary nature of climate change problem
 - The knowledge and expertise does not grow; the topic is mentioned on many courses, but handled only on a very general level
 - Implementation depends a lot on teacher's own interest and knowledge



Proposals for improving sustainability education in Aalto

- **Support needed for teachers on how to integrate the theme on their courses (clear guidelines and training)**
- **Also separate courses on climate change, sustainability and ethical questions are needed**
 - sustainability minor selectable to all students and/or obligatory course
- **More cooperation among researchers and teachers across disciplines is needed**
- **More cross-disciplinary studies for students**
- **Student guidance in finding and selecting sustainability-related courses and minors**
- ***Long-term perspective and vision for teaching***

Take home messages

- **University needs to provide deeper education in climate change and sustainability**
 - World needs it, and students are requiring it
- **Besides integration approach, specific courses on the topic are needed**
- **Special courses for climate change and sustainability enable multidisciplinary encounters between students**
- **Knowledge on climate change and sustainability as such gives confidence for students to keep the ambition high in working life**

Thank you!



Sanna-Liisa.Sihto-Nissila@aalto.fi

CLIMATE. NOW



Sustainability at Aalto University

Meri Löyttyniemi

Senior Advisor, Sustainability

**Aalto
Sustainability
Hub**



Sustainability at Aalto University

with focus on climate actions

Climate University goes Otaniemi -seminar
2 March 2020, Dipoli

Meri Löyttyniemi, Senior Advisor, Sustainability, Research Services

Welcome to Aalto & Otaniemi

1849

Helsinki University of Technology

1871

University of Art & Design Helsinki

1911

Helsinki School of Economics

A''

Aalto University

2010

A''

Aalto-yliopisto
Aalto-universitetet
Aalto University

Science and art together with technology and business

Aalto University in 2018

263 doctoral degrees,
1628 master's degrees,
1218 bachelor's degrees
289 graduates from the MBA and
EMBA programmes

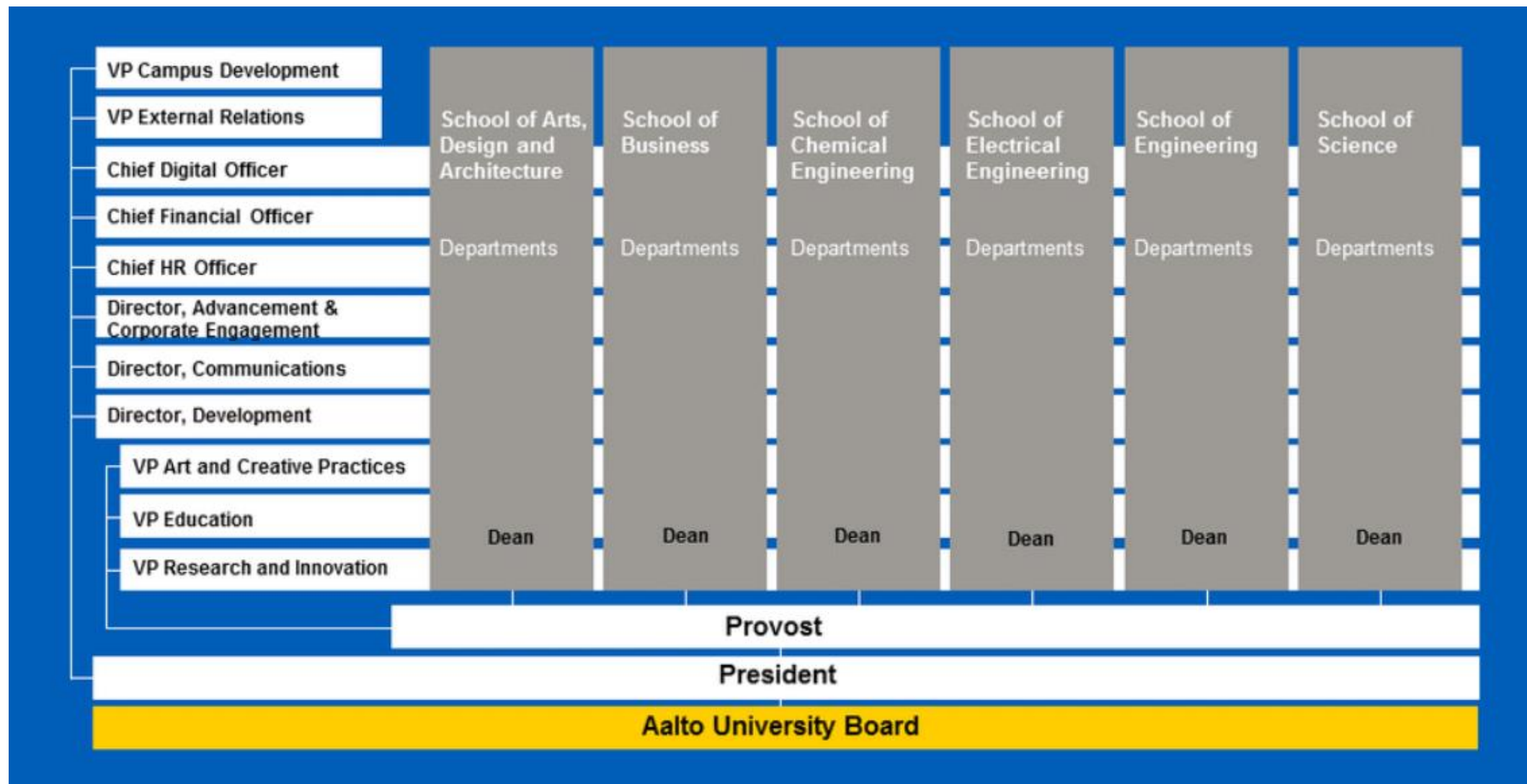


12 000 full-time equivalent
degree students of over 130
different nationalities.

4 000 staff, of which nearly
400 are professors. Share
of international academic
faculty is 37%.

Trilingual university - Finnish,
English and Swedish.

Aalto organization - six schools



“

**The task of universities
is to educate game
changers of the future,
who are in a key position
in the building of a more
sustainable world.**

Ilkka Niemelä, Aalto University President



Aalto is committed to SDG Accord

since Feb 2018



Align all our sectors with the Sustainable Development Goals



Aim to involve all key **stakeholder groups**



Collaborate across cities, countries and continents with other signatory institutions



Share our learning with local and global communities



Report annually on our contribution to the SDGs

Mission of Aalto Sustainability Hub

- To create a world-class research and learning environment focused on sustainability and circular economy
- To bring new understanding of the systemic solutions needed for a sustainable future

In addition, responsibility for advancing sustainability in Aalto's all operations



Aalto Sustainability Hub (ASH)

Board and Academic director

Members from all Aalto Schools, Academic Director **Minna Halme** as chair

VP Research
**Ossi
Naukkarinen**



Advisory board

Representatives
of society

Academic
Better world through
research
Learning for
sustainability

**Management,
Networks, Impact**
Strategy, targets
Campus as living lab,
stakeholders
Reporting &
communications

**Global societal
engagement** in
collaboration with
Aalto Global
Impact
(not funded by ASH)

**Aalto
Sustainability
Hub comprises
of over 500
members**

Hub staff

Meri Löyttyniemi 100%

Paula Schönach will start 1 April 2020

+student trainees **Emma Sairanen** 80%

& **Aino Saarelainen** 40% for AaltoSDG mobile app

A? Aalt

**Aalto
Sustainability
Hub**

Sustainability highlights during 2019

- **Sustainability Science Days –conference 2019**; EU impact and large number of scientific tracks
- **Aalto Living strategy 2021-30**; ASH central contribution in all phases
- Plenty of events, visits and sustainability actions

Shaping a
Sustainable
Future.



Upcoming strategy 2021-2030



Shaping a Sustainable Future.



A! Targets to be defined during 2020 for research, education, campus and outreach

Climate-related actions

- Aalto signed the Climate letter & Ilmastoveivi
- National Climate panel 2020-23; Aalto members prof. Peter Lund, Ari Ekroos & Jarek Kurnitski
- Continuing our work with cities of Helsinki & Espoo
 - Smart & Clean Foundation
 - Helsinki Climate partners / Ilmastokumppanit
 - Espoo & SDGs
- Participation in Climate Leadership Coalition and FIBS
- Sitra Erätauko dialogue on climate education Jan'19
- Climate-KIC pioneers & Noora Jaakkola's thesis
- Climate strikes in Otaniemi, spring & fall'19
- Climate-smart guidelines for NUAS coming May 2020



Coming up and comms

Ilmasto muuttuu – millaisia ovat *tulevaisuuden toivon* näkökulmat?

Kuva: Kari Rissa



Kaisamari
Hintikka



Peter Lund



Pauliina Kainulainen

Keskustelutilaisuus 21.4.2020

Harald Herlin -oppimiskeskus, Otaniementie 9, Aalto-yliopisto

Ohjelma

- 13.00 Tervetuloa, opetuksesta vastaava vararehtori **Petri Suomala**
ja piispa **Kaisamari Hintikka**
Tilaisuuden tarkoitus, yliopistopappi **Jenny Vainio**
- 13.05 Tuoko teknologia toivoa? Ilmastonmuutoksen hillintä globaalista
ja kansallisesta näkökulmasta

SUSTAINABILITY
SCIENCE DAYS 2020

DESTRUCTION & CREATIVITY

May 6-7th, Helsinki and Espoo

HELSUS
HELSINKI INSTITUTE OF SUSTAINABILITY SCIENCE



**Aalto
Sustainability
Hub**

A! Aalto University



Registration opens in March 2020. Also UNIFI SD group & Finnish SD-forum

sustainabilitysciencedays.fi

Sustainability communications

Aalto Sustainability Hub

- Looking for collaboration? Contact us or check people.aalto.fi, research.aalto.fi
- Follow us in Twitter and Facebook [@AaltoASH](https://twitter.com/AaltoASH)
- **Aalto Sustainability -email** a) internally **b) for external stakeholders**
 - **Internally** 1-10 messages a week (only to @aalto.fi email) Events, research, collaboration
 - **External** newsletter once a month to your email, subscriptions emma.2.sairanen@aalto.fi

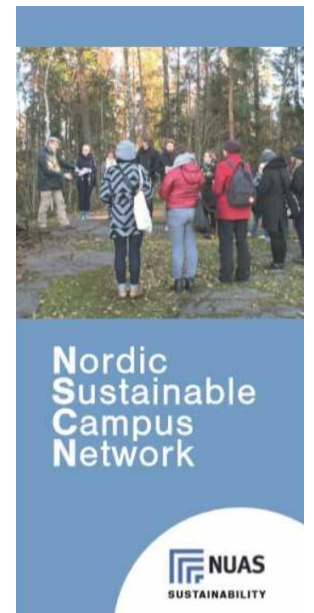
National Finnish SD-forum – Suomen keke-foorumi since 2008

- More info and how to join the national mailing list: bup.fi/forum-for-sdgs-in-finland/

NSCN – for Nordic universities' sustainability professionals since 2011

- Chaired and coordinated by Aalto, KTH will take the lead soon
- Join the mailing list as an individual or as an institution; meri.loyttyniemi@aalto.fi
- www.aalto.fi/nscn

A!



Thank you...
and let´s take a group picture!

Aalto Sustainability Hub

aalto.fi/sustainability

  @AaltoASH



Meri Löyttyniemi, Senior advisor for sustainability
Aalto Research Services, PB 31000, 00076 Aalto
meri.loyttyniemi@aalto.fi, +358 50 313 7549



Can entrepreneurship change the world?

Minna Halme

Director of Aalto Sustainability Hub,
Professor



Aalto University

Aalto Sustainability Hub

Professor Minna Halme,
Director of Aalto
Sustainability Hub

*Can entrepreneurship
change the world?*

Climate University March 2, 2020

Is entrepreneurship good per se?

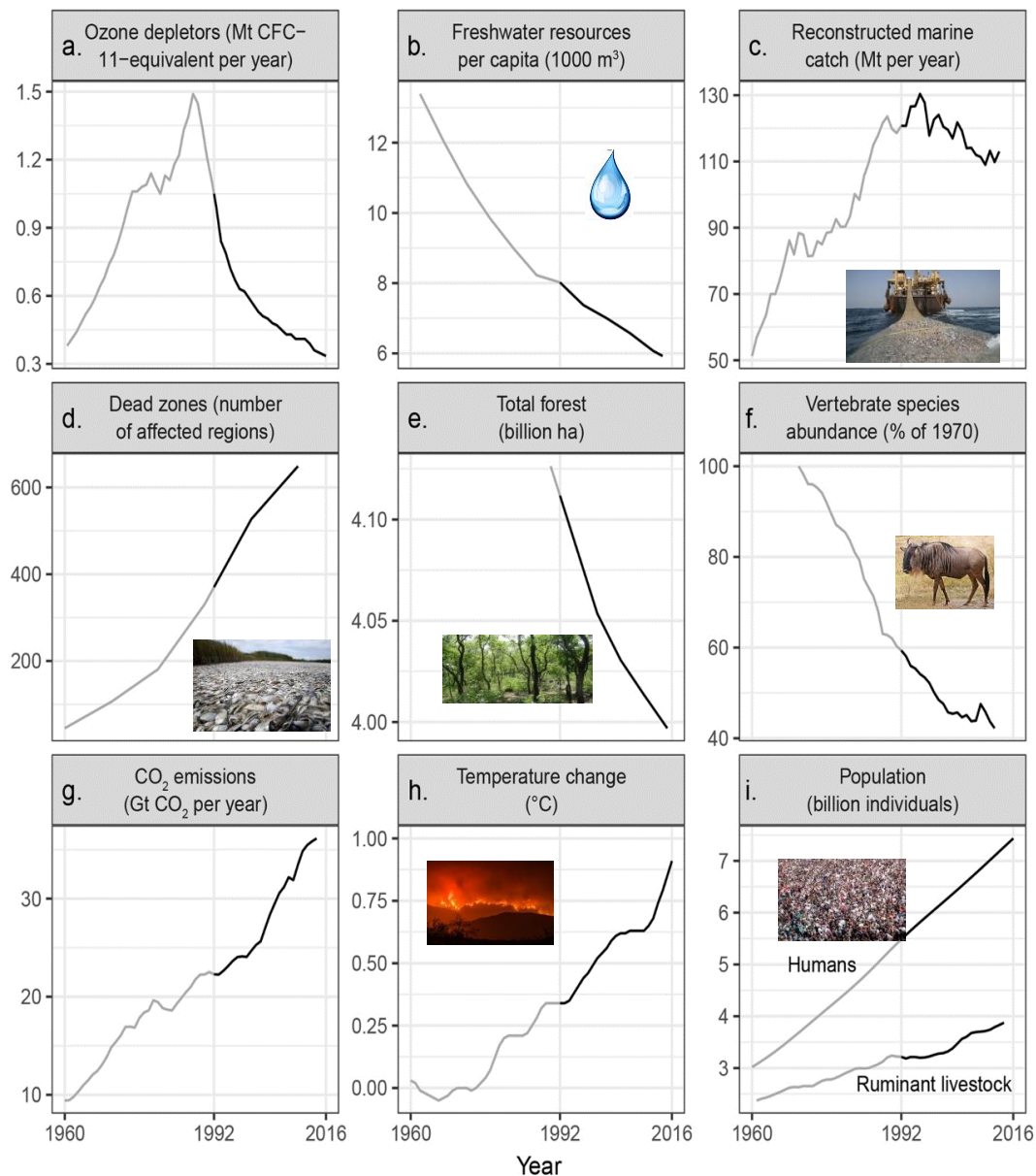
Is change beneficial per se?

It is the focus of entrepreneurship
and direction of change that matter

Challenge: Liveability of the earth

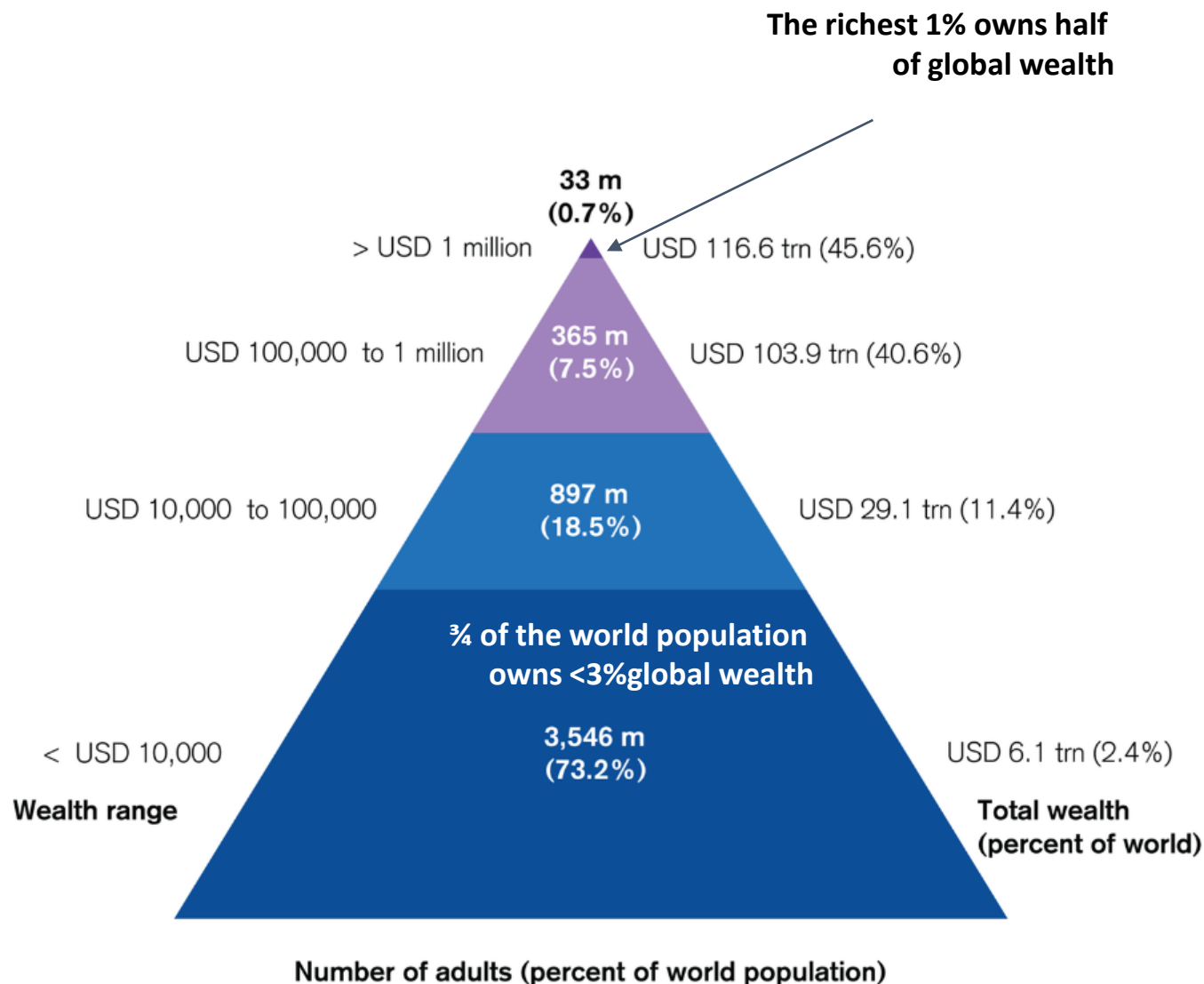
Loosing what we want to keep,
by-producing what we don't
want

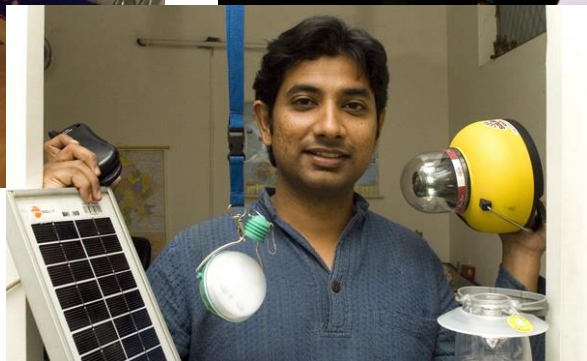
Source: *World Scientists' Warning to
Humanity: A Second Notice*
BioScience. 2017;67(12):1026-1028. doi:10.1093/biosci/bix125



Challenge: Increasing inequality

*Source: James Davies,
Rodrigo Lluberas and
Anthony Shorrocks,
Credit Suisse Global
Wealth Databook 2016*





*Entrepreneurship is not
for business people only.
It gets manifested in
many places.*

Social/sustainability entrepreneurship

What is it?

- (Economic) activity to pursue social/sustainability goals and implement change toward sustainability

Who are social/sustainability entrepreneurs?

- Individuals who try to solve social/sustainability problems using entrepreneurial skills and means

You can also be a (social) intrapreneur

- Social intrapreneurship – acting entrepreneurially inside a large organization to achieve social or environmental aims
- For social intrapreneurs lack of resources is a rule rather than an exception
- Resource scarcity in a rich organization = Lack of time, financing and support
- The bricolage solution – “making do with what is at hand” is a useful concept for understanding how social entrepreneurs and intrapreneurs mobilize (often scarce) resources
- May require use of private life roles & networks & free time & working underground if expect resistance from superiors
- The intrapreneurship paradox – wanted and not wanted
 - Tolerance of bricolage from the organization
- Recognize and provide legitimacy to bricolage type of arrangements

Guidance for entrepreneurs working for sustainability causes

- Be true to your desired outcomes
- Set something in motion (inspiration comes from action and not vice versa)
- Get from symptoms to the problems – finding the root causes & tackling them

Every challenge

- Is an opportunity

*Never doubt that a small group of thoughtful,
committed citizens can change the world.
Indeed, it is the only thing that ever has.*

~ Margaret Mead ~

More information

Professor Minna Halme minna.halme@aalto.fi

<http://sustainability.aalto.fi>

<http://sub.aalto.fi>

https://people.aalto.fi/index.html?language=english#minna_halme



Aalto climate anxiety groups and student perspective

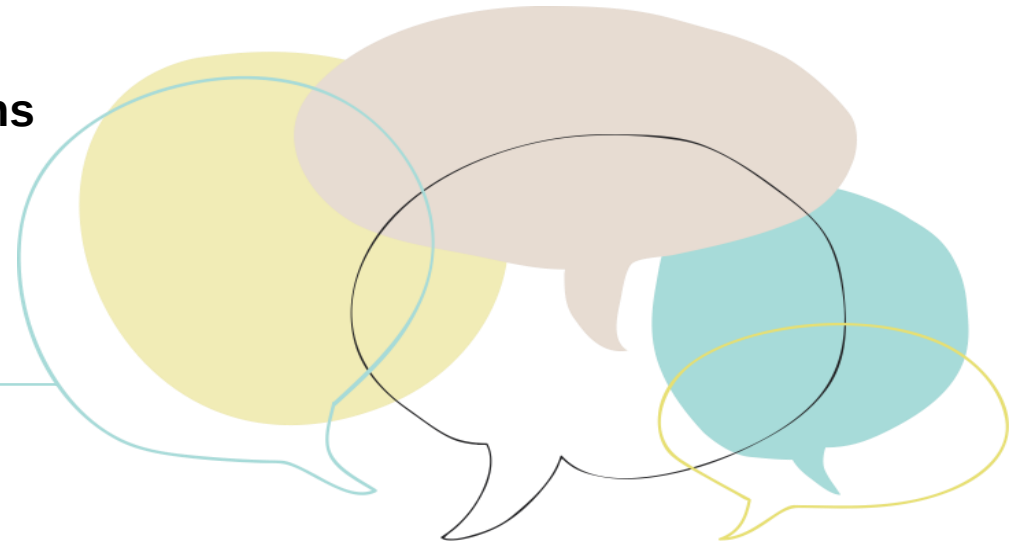
Sanni Saarimäki
Study Psychologist

Dealing with climate anxiety – How to support students?

Study psychologist Sanni Saarimäki, Aalto University
sanni.saarimaki@aalto.fi

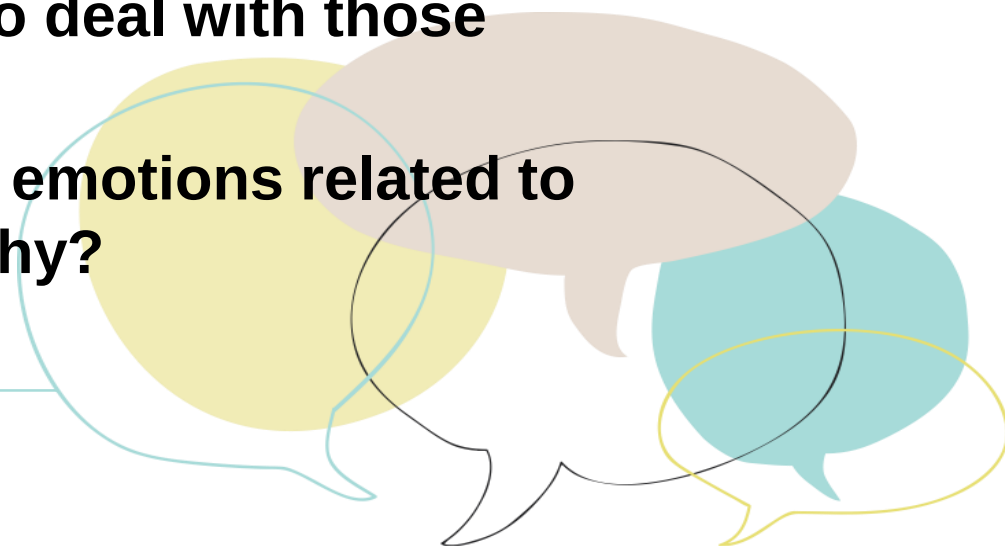
Climate change and students

- Why should we care about emotions related to the climate change? For example:
 - Emotions related to climate change are common and very human – individuals shouldn't be left alone to deal with that
 - Emotions can be energy for actions if one finds ways to channel it, but too heavy emotional burden and feeling that there is nothing one can do to make situation better can cause one to freeze or get stuck
 - Emotions and career choices?
 - The way we deal (or not deal) with difficult emotions can affect learning, creativity and motivation



Questions to ask... (first) from yourself

- How would you or students wish that climate change and emotions related to it would be taken account in every day talks (friends and family, working life, politics, media, etc)?
- What kind of emotions, thoughts and bodily reactions can climate crisis cause in students or in you?
- What causes climate anxiety and what can make it worse?
- What have you or students tried to do to deal with those feelings (no matter if it helped or not)?
- What helps with difficult feelings and emotions related to climate and environmental crises? Why?



Example: Climate change and emotions – Workshops for Aalto students

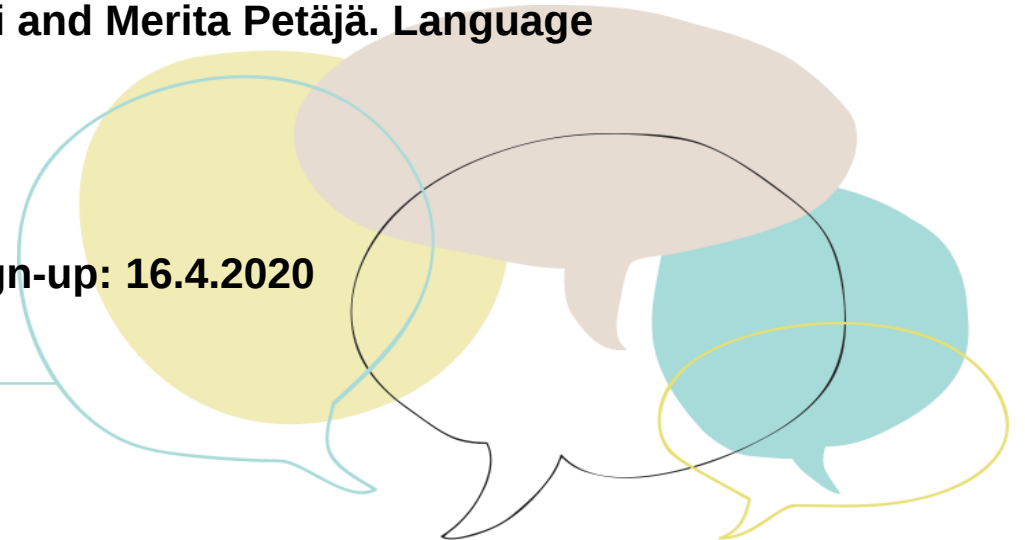
This group workshop is specifically aimed for Aalto students. We will focus on emotions and thoughts, concerning climate change and environmental crises, and how to live with that burden. Are there ways to maintain your own balance and resilience, and be mindful, whilst trying to cope with a constant stream of bad news and a feeling that so much more needs to be done? Together, we will create a safe place for sharing thoughts, connecting with others and finding our own ways face the emotions caused by the climate threat. The workshop consists of group discussions on specific themes as well as mindfulness-based practices.

However, we will not be teaching one another how to live in an eco-friendly way or argue what actions should be taken to solve climate change. This means you can join the workshop without fear of judgement, no matter what your personal views or actions concerning these issues are, as long as you remain nonjudgmental towards others as well.

The workshop is led by study psychologists Sanni Saarimäki and Merita Petäjä. Language is English.

When: 23.4.2020, at 9.00-11.00 (at Otakaari 1).

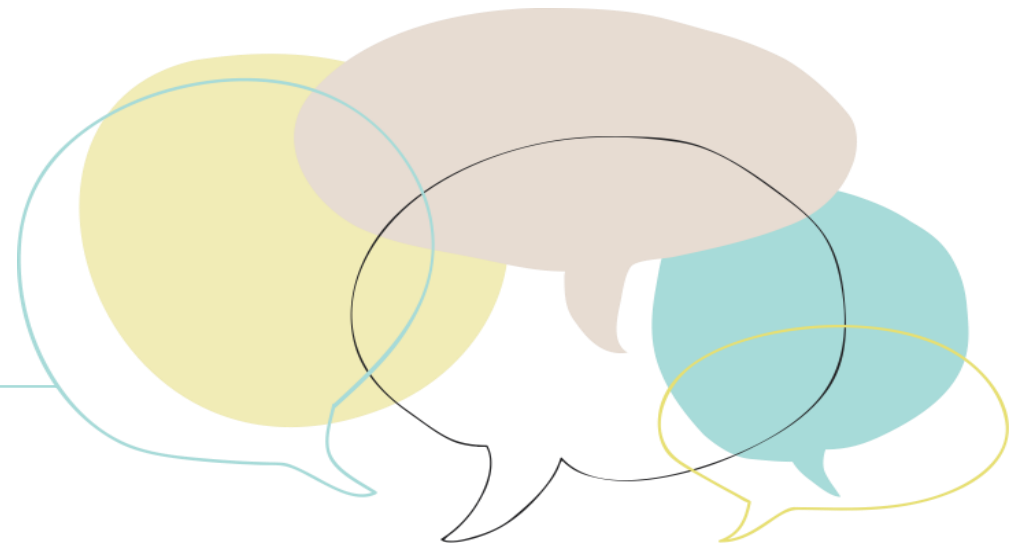
Sign up by e-mail (sanni.saarimaki@aalto.fi). Deadline for sign-up: 16.4.2020



**Questions or
comments?:**

sanni.saarimaki@aalto.fi

Thank you!

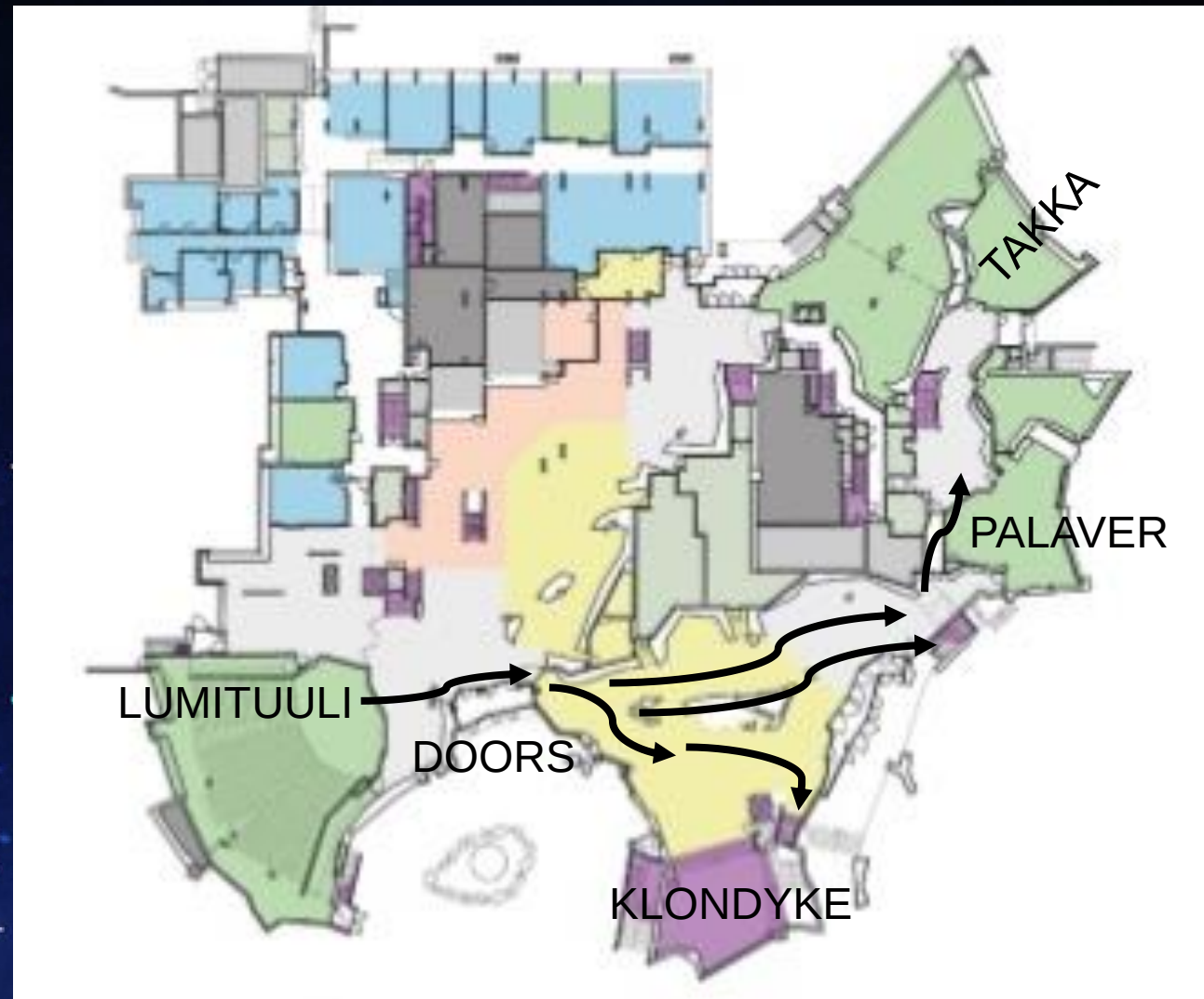


Parallel workshops: 10.30-11.30

Awareness-based climate
education and co-creation,
PALAVER

Coping with climate anxiety,
TAKKA

1,5 Degrees Lifestyle Puzzle,
KLONDYKE



Vegan buffet lunch at
SIEF

11.30-12.30

Climate Challenge
filming

11.30-12.45

