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



























What makes me happy? - An exercise for reflection: decoupling happiness & consumption

Angelina Korsunova

Postdoctoral Researcher, HELSUS































WHAT MAKES ME HAPPY?

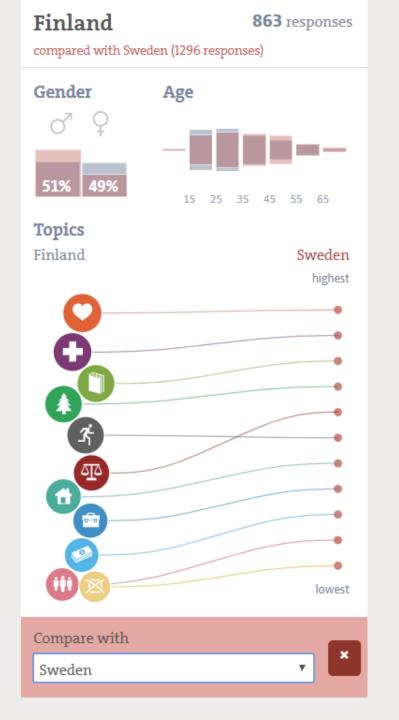
- an exercise for reflection

Angelina Korsunova, University of Helsinki angelina.korsunova@helsinki.fi

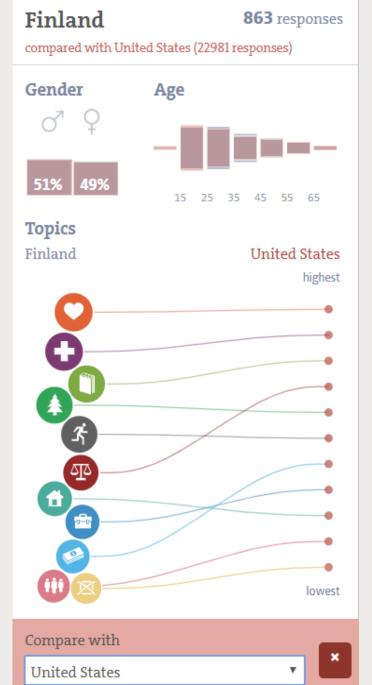


What matters most to people around the world?

More than 100 000 users of the Better Life Index around the world have shared their views on what makes for a better life. Explore the interactive map and find out what well-being topics are rated highest and where. Of course this is a small share of the world's population — so why not share your vision of a better life and help us reach 150 000 (or even more) by the end of 2016.







Human happiness & well-being are the same across continents

good health

personal autonomy

community & friendships

stable marriage

social trust

Nuoret jonottivat koko yön 149 euron lenkkareita Helsingissä





Miksi Suomi sekosi, kun Muji avasi kaupan

Meeting human needs?

HAPPINESS

Meeting human needs

Purchase, consumption of goods and services

Processing, conversion, recycling, manufacturing, transport

Extraction

Natural resources



Manufacturing, creativity, providing a service



Natural resources

Recycling, repair, refurbish

Purchase, consumption of goods and services



Meeting human needs

Being in nature, relaxing, health, security



Earning money for material needs



Purposeful activity, building identity, belonging to professional groups

Physical quality of life, identity

Michaelis & Lorek 2004

Which actions can satisfy several needs at the same time?

I need...

food protection leisure & idleness freedom experimenting love & affection participation understanding

I want

-a pizza to prepare lasagna -

to go mushroom hunting

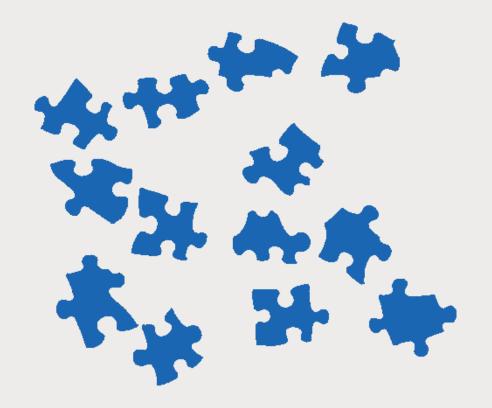
to ride a bicycle

to build a house

to buy a gift to make a gift

a new shirt

Matching needs & ways to satisfy them is a jigsaw puzzle that affects our happiness and sense of well-being



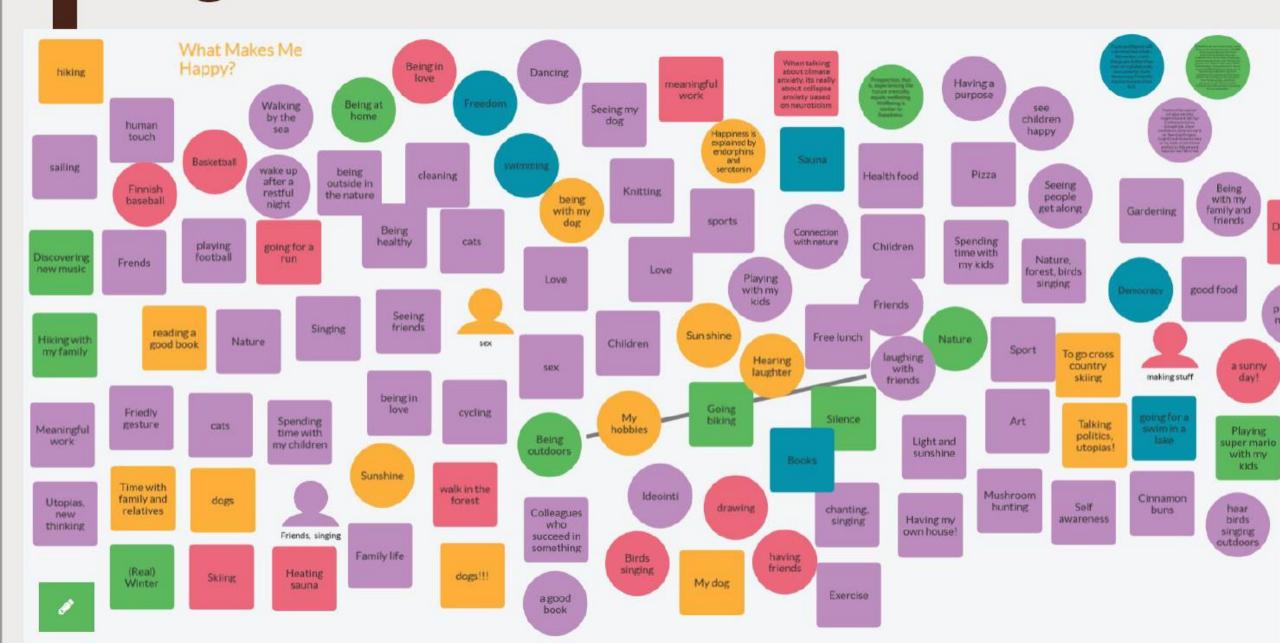
What makes you happy?

Go to: flinga.fi

Access code: EPFWUZU



Flinga results



A few of the longer entries in readable scale

Facts and figures will calm worried minds'.
Remember, most things are better than ever on a global scale.
Less poverty, more democracy, Finland's total emissions close to 0.

llobal Poverty is on a record low -every 24 hours for the past 25 years, 120 000 fellow sapiens get out of extreme. poverty More children than ever celebrate their 5th birthday Democracy is more prevalent than ever The Earth is greener than 20 years ago (Nace, 2019). Deforestation in Amazonas is on record low since 2003 Bushfires in Australia is decreasing (trend) Polar bears are prevalent on a record scale The Great barrier reef is doing just fine Emissions from Chinese power plants has decreased by 60-70 % since 2014 Finland's total CO2-emissions make out 0.1 % of global ditto

Avoiding animalsourced food will have no significant impact on climate oriented emissions (White & Hall, 2017), but it will harm childrens physical and mental health (Adesogan et al 2019). Food plays a huge role in happiness. Eating stuff that trigger reward signals are short-lived. Eating real food bring happiness - I like this I had enough.

The best, if not only way, to improve knowledge about air pollution, is reasoning - exchange of knowledge and idea through language - based on acceptance of viewpoint diversity.

Factors that explain collapse anxiety:
Negativity/availability/
Confirmation bias,
Groupthink, Overconfidence (Dysrationalia or Dunning-Kruger),
Cognitive dissonance and so on. Lack of emotional and Social Adjustment Neuroticism (Big Five)

In a longer perspective, finding ways to fend of the fallacies that prevent us from exploring opportunities forward in time is crucial. In order to do that, we need proper nutrients, e.g. vitamins A, several B:s, C, some D, E, K2-Mk4 and Mk7 and so on (13 in total), 15-16 minerals (Heme-Iron, Magnesium, Zinc and so forth), Choline, Docosahexaenoic, Arachidonic.

Laughing together,
Dancing, singing,
eating and drinking
brings a sense of
togetherness
which is similar to
happiness.



Arts-based, Multidisciplinary Teaching During the Eco Crisis

Innovations and Creativity in Climate Education March 2-3, 2020

Dr. Anniina Suominen & Jasmin Järvinen, Dept. of Art, School of Arts, Design and Architecture, Aalto



Tuomas Auvinen, Dean, School of Arts, Design and Architecture

I'm happy to welcome you to Aalto University on behalf of the School of Arts, Design and Architecture. Tackling our common grand challenges requires radical creativity, collaboration and innovative solutions. These are our key capabilities. Aalto ARTS is truly committed to working towards a more sustainable future.





Rasmus Vuori Vice-Dean of Education, School of Arts, Design and Architecture





Structure of presentation:

- ARTS at Aalto
- Climate change & SDG influence & presense in education
- Educational cases from ARTS 5
 Departments









Strategic focus areas of courses: Sustainability

"Aalto University is committed to promote the <u>Sustainable</u> <u>Development Goals (SDG)</u> set by the UN in all activities. Targets and indicators will be set for education, research, leadership, and operational and engagement activities. By selecting 1-3 most relevant SDGs describing the content of a course, teachers will help students to find their topics of interest. Course labelling with SDGs will also support the development of our teaching and help us to measure the impact of teaching."

https://www.aalto.fi/en/sustainability/strategic-focus-areas-of-courses





SUSTAINABLE GALS

Monthly themes, weekly actions, sustainable future!

Log in with your AaltoID

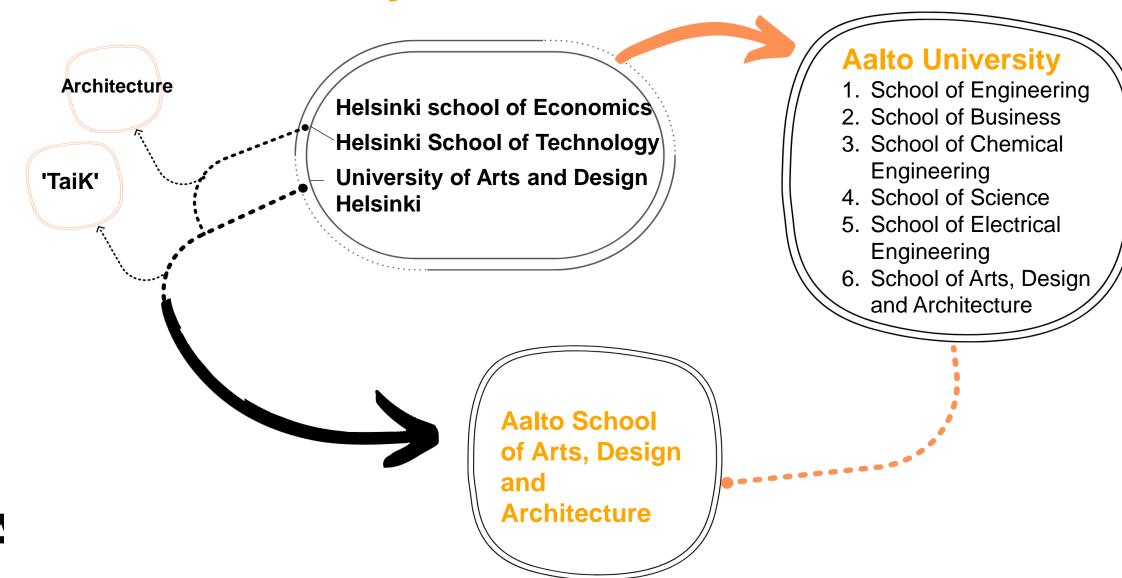
OR

Continue without logging in



By using this the application the user agrees the Terms and conditions governing the use of AaltoSDG

In 2010, 3 Schools were merged to form Aalto University



School of Arts, Design and Architecture





School of Arts, Design and Architecture

ART

DESIGN

MEDIA

ARCHITECTURE

FILM,
TELEVISION &
SCENOGRAPHY

Art Education

NoVA:

Nordic Visual Studies in Art Education

ViCCA:

Visual Cultures, Curating & Contemporary Art

Fashion, Clothing and Textile Design

Contemporary Design

Creative Sustainability

International Business management

Photography

New Media

Visual Communication Design

Landscape Architecture

Interior Architecture

Urban Studies and Planning

Design for Theatre, Film and Television

Costume Design, Design for Performing Arts, Production Design

Film & Television

Cinematography,
Documentary Film, Film
Directing, Film Editing, Film
Sound Desing, Film &
Television Producing,
Screenwriting





Courses with sustainable themes:

- Developing creative artistic, design and architecture solutions and offering education that that addresses themes & challenges, such as climate change, need to create more sustainable futures or more just and equal societies, has been a part of our mission for a long time
- What has changed: A collective sense of urgency to generate action, to find solutions and to work in collaboration for a broader impact





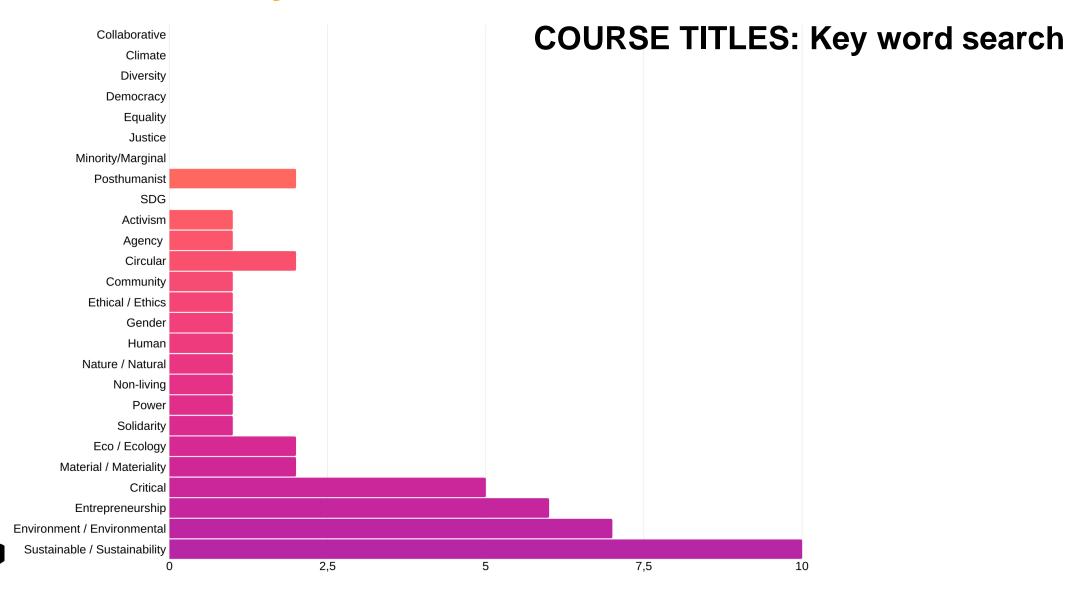
Sustainability themed courses in ARTS 2018-2020 & 2020 →

Key word searches (Data collected by manual searches in WebOodi Aalto):

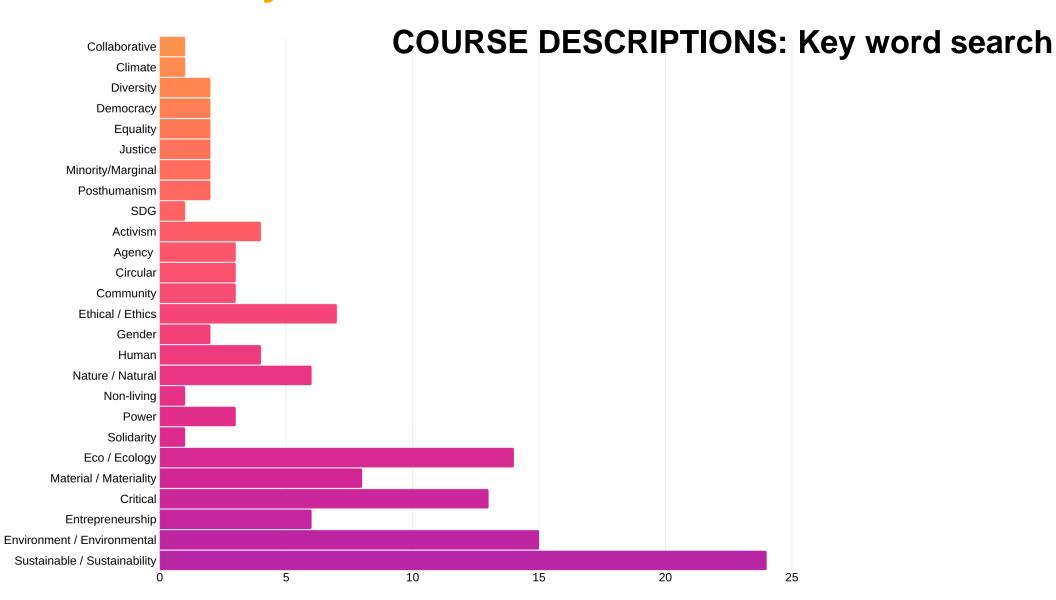
•	ACTIVISM
•	AGENCY
•	CIRCULAR
•	COMMUNITY
•	CLIMATE
•	CRITICAL
•	DIVERSITY
•	DEMOCRACY
•	ECO/ECOLOGY
•	ETHICAL/ETHICS
•	ENTREPRENEURSHIP
	ENVIRONMENT / ENVIRONMENTAL

•	EQUALITY
•	GENDER
•	HUMAN
•	JUSTICE
•	MATERIAL / MATERIALITY
•	MINORITY / MARGINAL
•	NATURE / NATURAL
•	NON-LIVING
•	POSTHUMANISM
•	POWER
•	SOLIDARITY
•	SUSTAINABLE / SUSTAINABILITY
•	UN'S SUSTAINABLE DEVELOPMENT GOALS

Sustainability themed courses in ARTS 2018-2020

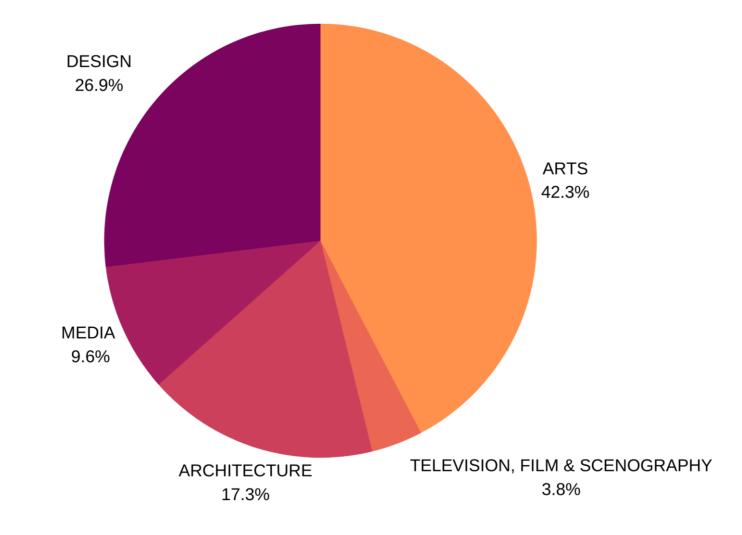


Sustainability themed courses in ARTS 2018-2020



Sustainability themed courses in ARTS 2018-2020

- 2-year curriculum planning cycle
- 2018-2020, Division of courses by departments (WebOodi course description searches)

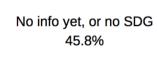


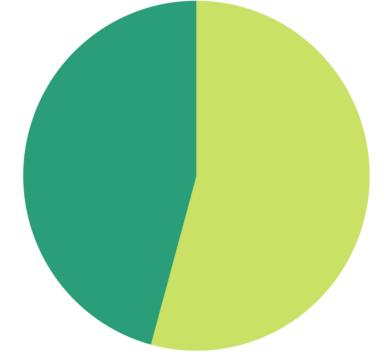


Sustainability themed courses in ARTS 2020-2022

Example from the Department of Art

- 118 courses annually
- 33% courses finalized
- 67% pending changes





Advances Sustainable Development Goals 54.2%



ARTS modes of working and communicating:

- Strategy work
- Curriculum revision (2-year, long term)
- Research, teaching, social impact
- Communication of SDG and climate actions in relation to courses (titles, descriptions, tags)
- Presence in public spaces
- Featuring work by faculty & students: e.g. Art & Design cases: https://www.aalto.fi/en/aalto-art-and-design-cases
- Faculty stories: <u>https://medium.com/creativity-unfolded</u>

Aalto University
School of Arts, Design
and Architecture

Aalto Art and Design Cases



The work of Aalto people

Aalto Design Cases is a platform for activity-based creativity and practice-based research in the Aalto School of Arts, Design and Architecture.

Aalto Art and Design cases



https://www.aalto.fi/en/aalto-art-and-design-cases

Aalto Art and Design Cases I Aalto

Computational Design Methodologies for Landscape Architecture & Urbanism: New Approaches to Reality through Integration of Immersive VR Experiences

Aalto Art and Design Cases



Finnish Pavilion at the 16th Venice Biennale of Architecture

Tuomas Siitonen designed the exhibition for Finland's participation in the 16th International Architectural Exhibition of La Biennale di Venezia.

Aalto Art and Design Cases



"Art and art-based learning provides us with an alternative way of perceiving the climate crisis. It has the potential to motivate new modes of engaging with and Descriptions of the



Art, Education & Entrepreneurship LAB

Art, Education & Entrepreneurship course from the NoVA master programme of Aalto ARTS, in collaboration with the Aalto Ventures Programme

Department of Ar



The Real Virtual or the Real Real - Entering Mixed Reality

02/03/2020

Aalto Art and Design Cases I Aalto University

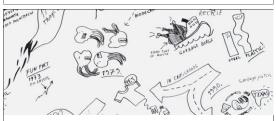
Kouk Khleang Youth Center is located at the outskirts of the Cambodian capital Phnom Panh and it was completed in January 2014 School of Art, Design and Architecture



Finnish Rooftop Sauna

A Finnish sauna was located in the heart of London, shimmering on evening light on the banks of the River Thames, Sauna was the result of Aalto University's and Southbank Centre's co-peration project.

Aalto Art and Design Cases



Critical Design Practices

Critical Design Practices is an MA level course by programmes Contemporary

 Faculty stories: <u>https://medium.com/creativity-unfolded</u>

YOU are the solution to climate change—but not in the way you imagine

Individual people can't solve climate change, politicians and businesses need to deal with it. It doesn't matter what happens in small...

Architecture Activism

Decoding Landscape

Want to change the world? Call in the art educators!

Art educators can equip people to challenge the status
quo and demand change. The secret lies in love, hope,
empathy and community—plus...

Creativity Unfolded

At Aalto University we believe that creativity is the single-most important skill to master in the future. In this blog, we nurture problem-solving, critical thinking and the ability to imagine the yet imaginable.

Follow







Art, design & architecture by ARTS in public spaces:

Example: Aalto exhibition space at Helsinki Airport

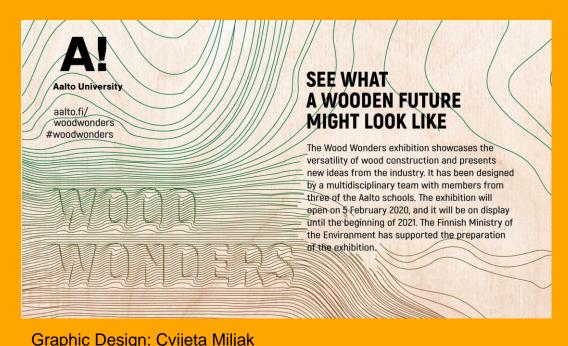
"The exhibition space is a launch of a new longterm collaboration between Aalto University and airport operator Finavia, who agreed during 2017 autumn on a three year collaboration including three exhibitions at the airport."

Wood Wonders was designed by a multidisciplinary team with members from three of the Aalto schools, and it will open in entrance hall 2B at Helsinki-Vantaa Airport on 5 February 2020. The exhibition is part of the long-term passenger experience collaboration with Finavia.

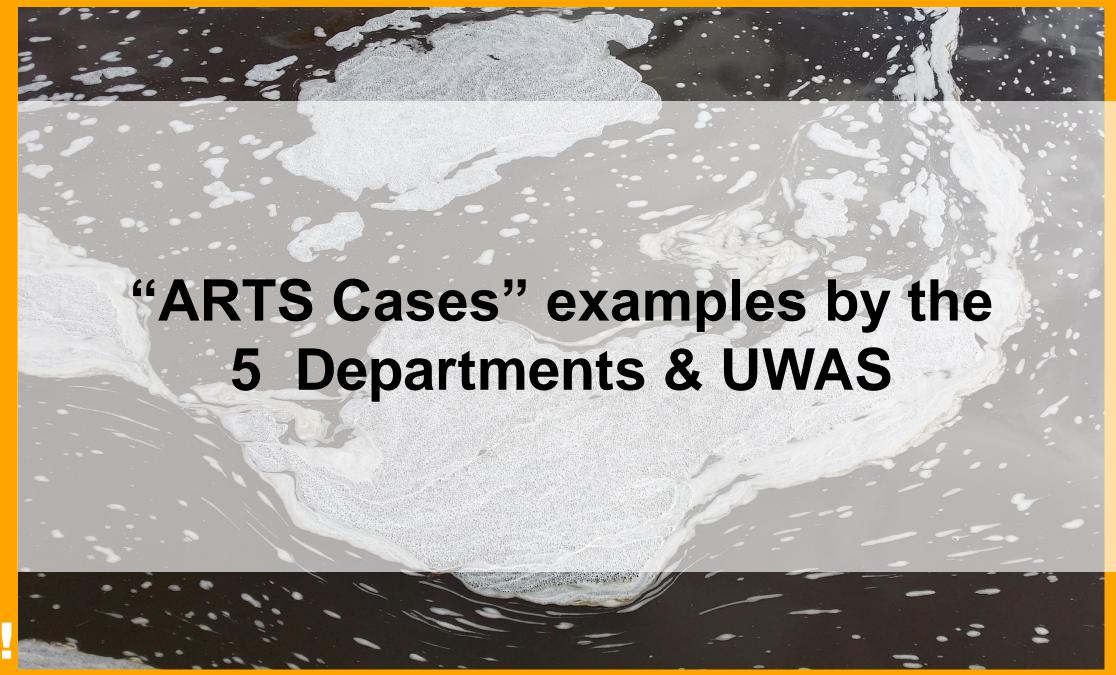
https://www.aalto.fi/en/events/wood-wondersexhibition-showcases-climate-friendly-buildingconcepts



The exhibition photos: Anne Kinnunen



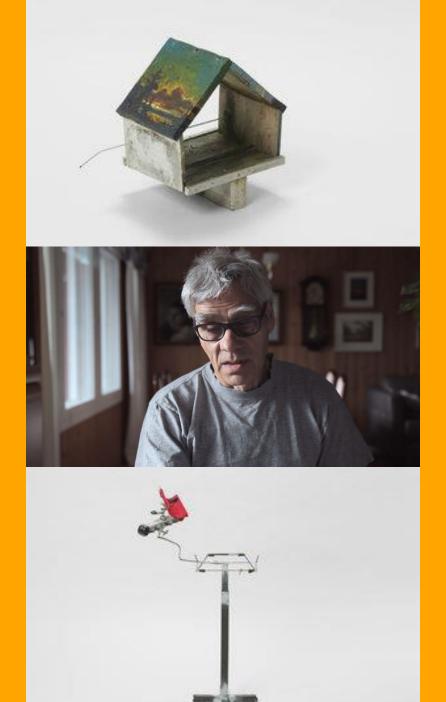




DEPARTMENT OF ART

"In our academic unit at the Department of Art at Aalto University in Finland, we have taken a clear stance in centralizing the contemplations of ethics and societal impact of all our actions through pedagogical and research activities, their naming, and profiling. We have made our beliefs and core values more transparent, and by doing this, the aim is to generate more dialogic relations with different stakeholders and sectors." (Suominen, 2020)

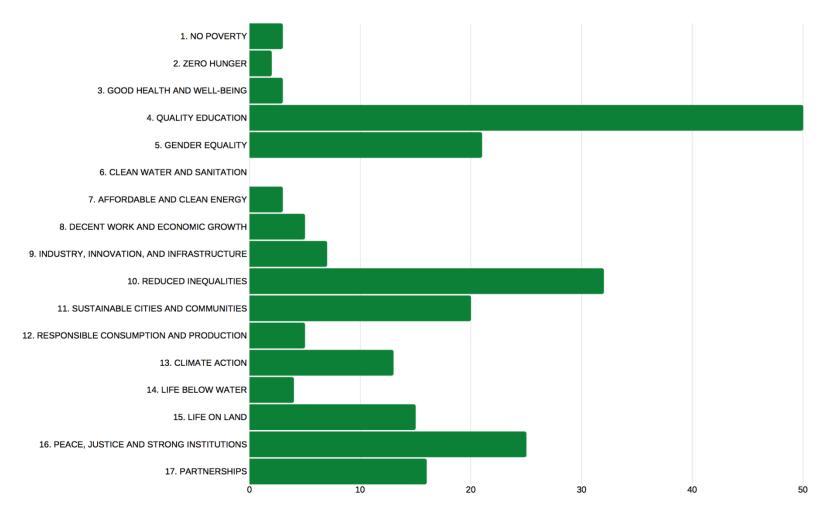




Current status of courses for 2020-2022:

Search based on SDG 'tags' attached to courses (64/118 courses finalized)

DEPARTMENT OF ART (2020-2022)
COURSES THAT Advances Sustainable Development Goals;





Department of Art: Art Education

Art education is seen as an integral part of society locally and globally: Distribution of power and knowledge, equality, social justice and democracy, importance of relations between people and interspecies.

3 Mandatory BA-level Courses:

- Art, Education and Sustainable Future (BA)
- Sustainable Design Pedagogy and Materiality (BA)
- Art, Ecology and Ethics (BA & MA)



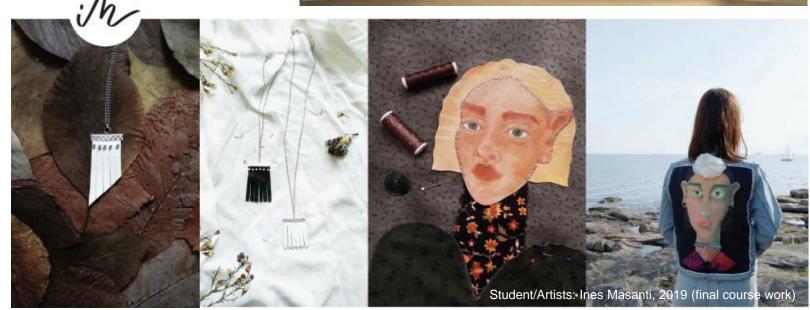


Department of Art: Art Education

Art, Environment, Education (MA) Activism, Civil engagement & Art (MA) Art, Environment, Activism (DA)

 The graduate level courses on speciesm, environment, education, art, activism and civil engagement are theoretically defined each year but the general guiding idea is to maintain the presence of interdisciplinarity and learning with and from one another.







Department of Art: ViCCA

Living and Non-living: Human-Non Human Interconnections in Art, Visual Culture & Everyday Life

- In this course students imagine possible futures and generate modes of action that contribute to stopping global warming.
- What tools and inspirations might artists draw from studies of human-non-human interconnections as a means and as methods to respond, with some degree of positivity, to critical challenges of our time? And what are some of the politics of doing so?





"Art allows changing perspectives and can help direct thinking and dealing with all kinds of emotions"

"Art and art-based learning provides us with an alternative way of perceiving the climate crisis. It has the potential to motivate new modes of engaging with and caring for a world, which is more important than ourselves. Art and art-based learning can encourage us to make new connections between living things, objects and materials"

-ViCCA student

Department of Art: NoVA
Program in collaboration with Aalto Ventures
Program

Art, Education & Entrepreneurship

- This course contemplates arts-based, educational and ethical solutions to current social and cultural issues and also explore opportunities for career and decent job development for diverse people.
- Art education, design, entrepreneurship and artsbased learning support the development of more culturally, socially and ecologically sustainable futures





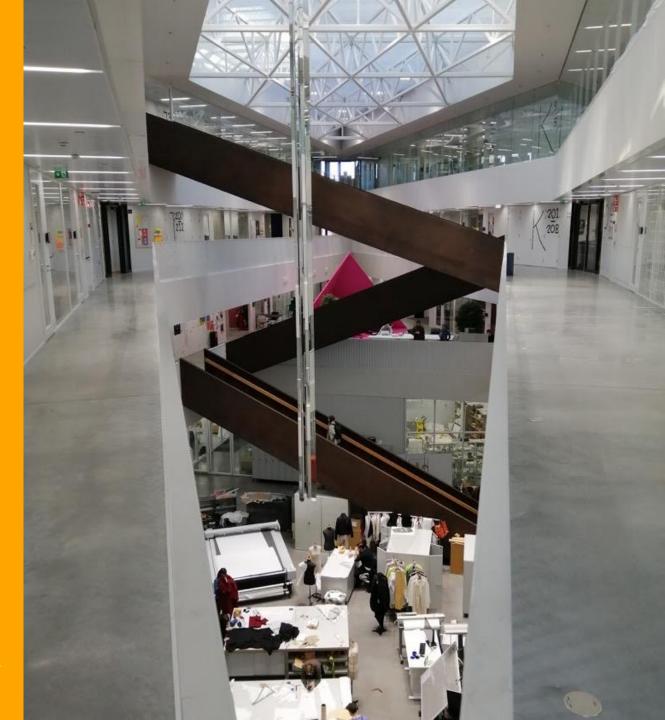
DEPARTMENT OF DESIGN

Examples of Teaching Sustainability in Design

Aalto University School of Arts, Design and Architecture

Tatu Marttila (D.A.)
INUSE / NODUS research groups

https://www.aalto.fi/en/department-of-design



Studying at Department of Design (DoD)

Bachelor level programmes:

BA in Design (FIN) BA in Fashion Design (FIN)

BA in Design (ENG)

Master level programmes:

Collaborative and Industrial Design

Contemporary Design

Fashion, Clothing and Textile Design Aalto-level Master's programmes

Creative Sustainability

International
Design
Business
Management



Creative Sustainability Master's Programme

Creative Sustainability (CS) was initiated as a joint Master's programme at Aalto University in 2010 (see acs.aalto.fi). CS studies are offered by several Aalto schools, and the programme is coordinated by DoD.

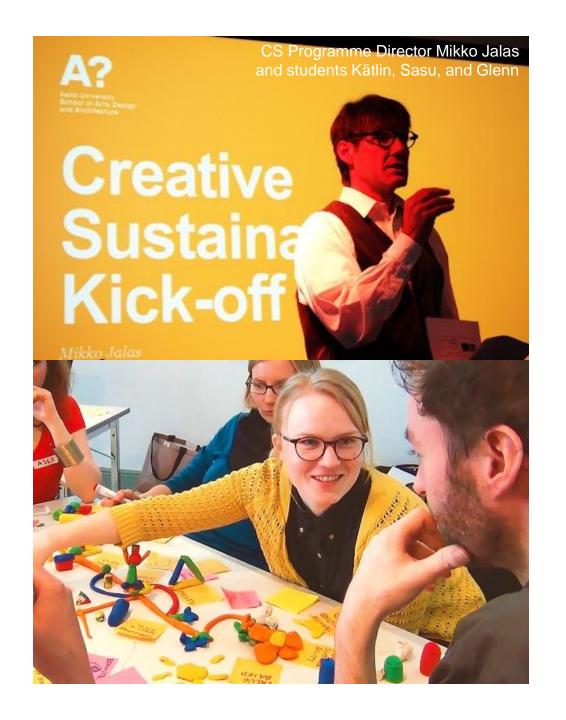
CS provides a multidisciplinary learning platform in the fields of architecture, built environment, business, design, real estate and water management, and chemical technology.

Aalto-wide Master's programme:

- CS Design students from Design BA's and other universities
- Connecting students of Aalto ARTS, BIZ, ENG and CHEM
- Shared studies around the broad theme of sustainability

Other multidisciplinary teaching collaborations at DoD:

- IDBM with Aalto BIZ, Aalto ENG and other Aalto schools
- CHEMARTS with Aalto ENG & Aalto CHEM
- Urban Studies and Planning with Architecture, Aalto ENG and Helsinki University



Course examples and other collaborations

Sustainable Product and Service Design (CS programme):

- Course on methods and approaches in sustainable design
- Multidisciplinary theory-based course

Sustainable Fashion and Textile Design (FaCT):

- Course on sustainable fashion and textile design
- Theory- and practice-based course for fashion and textile designers, with a independent conceptual design exercise

Design for Government (CS/CoID):

- Project-based course on policy design
- Real-world cases in collaboration with Finnish Ministries
- Multidisciplinary course with theory lectures and independent team-based case work

Other teaching collaborations at DoD:

- Master-level collaboration with Tongji University, China
- Design school networks (e.g. LeNS; Cumulus)



DO YOU WANT TO IMPACT POLICY AND SOCIETAL CHALLENGES?

Design for Government course gets hands on with policy design! In the project course, students address challenges from Finnish ministries through empathic design, systems thinking and behavioural insight. Projects are collaborative and multi-disciplinary - welcome to students from across disciplines and universities in Finland!

2019 projects:

Empowering Citizens through Artificial Intelligence, with the Ministry of Finance

Boosting Consumer Rights for Finnish Business, with the Finnish Competition and Consumer Authority with Ministry of Economic Affairs and Employment

INFO & APPLY AT DFG-COURSE.aalto.fi

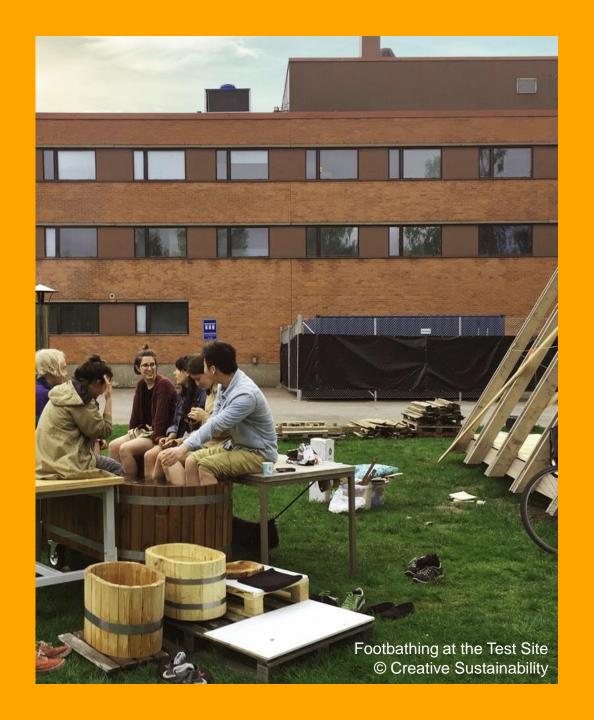
The Test Site in Otaniemi

The student-led (sustainability) "Test Site" interlinks an open community with a physical space in Otaniemi campus, enabling experimental and synergetic projects in practical sustainability.

The initiative stems from students of the CS programme, got supported by the university, and has been open since 2018 for student activities, experimental projects, and teaching.

Other student and teacher support:

- Aalto Sustainability Hub (Aalto-wide)
- NODUS sustainable design research group
- NuDe (young designers) student association



Connecting research with teaching and learning

Supporting collaboration across fields

New practices of design and making

Material sustainability and circular economy

Future visions and transitions

Research projects at DoD feed into teaching and learning in the form of course projects, exercises, and themes.

- Researh groups **ENCORE** Engaging collaborative design research
- working at DoD: Embodied Design Group Prototyping-driven research to investigate design
 - INUSE The users and innovation research group
 - **SDIM** Strategic design integration and management group
 - Fashion/Textile Futures New perspectives in fashion, clothing, and textile design
 - NODUS Sustainable design research group
 - **Empirica** Research on art, design and culture



Connecting research with teaching and learning

Supporting collaboration across fields

New practices of design and making

Material sustainability and circular economy

Future visions and transitions

Selected projects that connect with sustainability and climate themes:

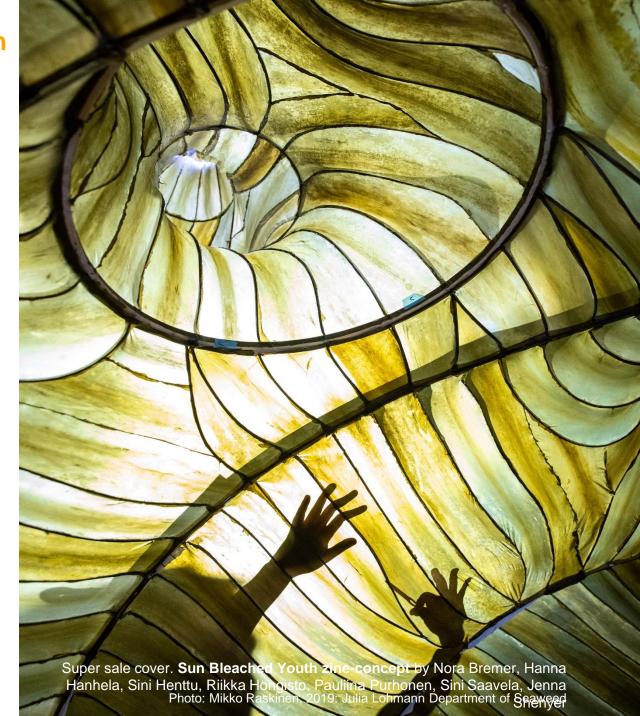
- Orchestrating for Systemic Impact ORSI (2019–2025) developes steering practices that enable the transformation to an eco-welfare state
- CreaTures (2020–2023) studies creative practices in moving towards social and ecological sustainability
- NONTOX (2019–2022) developes recycling systems of specific plastic types
- BioColour (2019–2025) developes bio-based dyes and pigments for colour industry
- FINIX (2019–2025) developes sustainable textile systems co-creating resourcewise business for Finland in global textile networks
- Smart Energy Transition (2015–2021) investigates how to benefit from future energy transitions



Department of Design: Contemporary Design

Materials and Living Systems

- Course focuses on specific natural material and its living socio-ecological system.
- Students visit the marine-biological research station in Kristineberg, Sweden, to engage with the locality and help to link up the scientific knowledge the biologists have with society.
- This might entail ideas for incorporating seaweed into the educational system, suggestions for new activities at the local aquarium, educational frames towards increased empathy and investigations into alternative materialities from the sea



Department of Design: Contemporary Design

Critical Design Practices

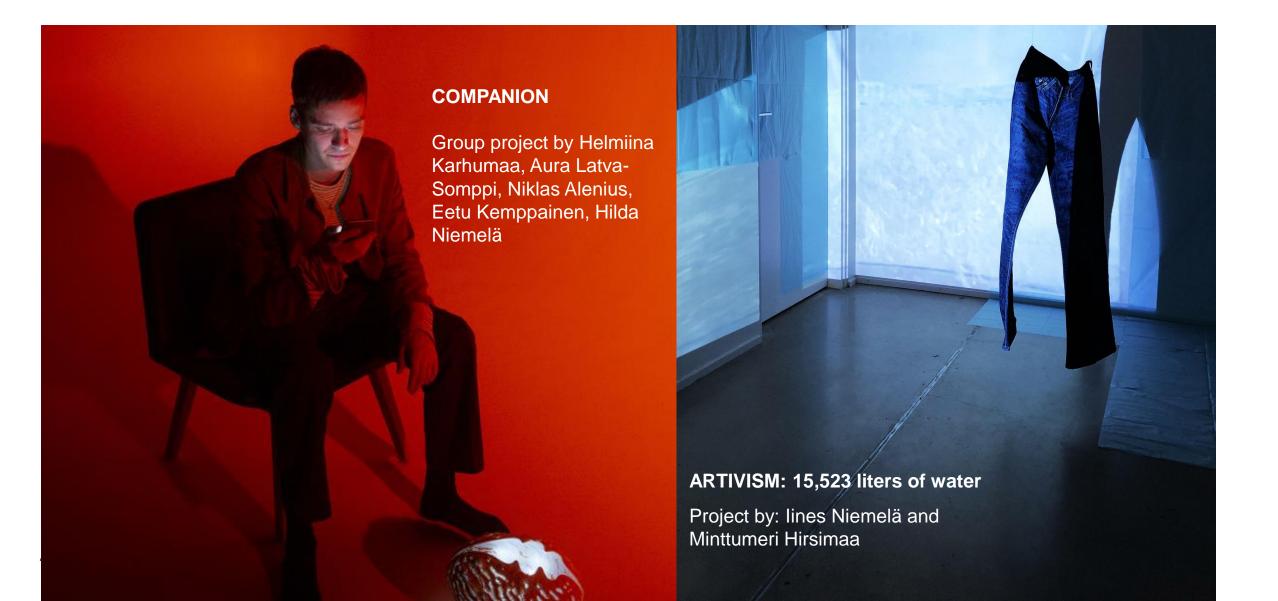
- Students critically engage with the things they really want to change in the world and to become aware that design can be a powerful tool to do so.
- Design is shaping the world as we know it, and with it, our desires and expectations. As such it is inherently political and far too influential to just put it into the service of industry, no questions asked.
- In this course students begin to understand their own values and what drives them and then to calibrate their designerly compass to align better with these values.



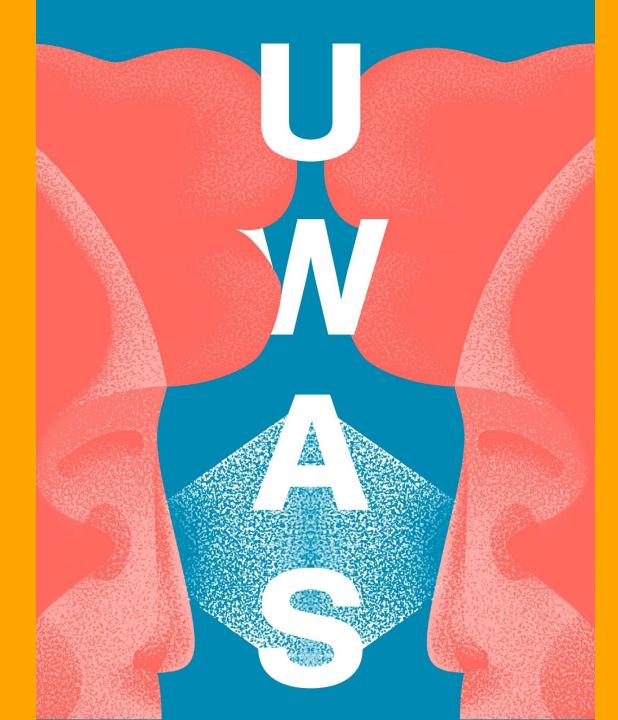


Critical Design Practices course: Student project examples

https://www.aalto.fi/en/contemporary-design/critical-design-practices



UNIVERSITY WIDE ART STUDIES





University Wide Art Studies in cooperation with Sitra, coordinated by the Department of Design

Circular Economy, Art and Cultural Change Teaching Development project

With the 'Circular Economy, Art and Cultural Change' teaching development project, Aalto University has developed:

- The Test Site
- Transdiscplinary Pilot Course and Circular economy teaching







University Wide Art Studies in cooperation with Sitra, coordinated by the Department of Design

The test site

 An open community with a physical site on Otaniemi campus: A student-initiated network enabling experimental and synergetic projects in practical sustainability across all disciplines and education purposes in Aalto University.







The Solar Disk

A new way of producing solar energy within an urban area without sacrificing the land underneath the panels. It uses energy partially for lighting up the disk's surrounding, while excess energy will be fed back into the grid. The disk tracks the sun to maximize the energy production, and at night it resets its position to light up the desired area.

The Bees

Students take care of two beehives. The project aims to better understand the role of bees in biodiversity and to find solutions to tackle the problem of Colony Collapse Disorder in urban areas.

Joosoap: Campus Circular Mini EcoSoap Studio

Every litre of used cooking oil can turn into 1kg of solid eco-soap or 5L in liquid form. Cooking oil is fetched from Täffä (student) restaurant on campus.

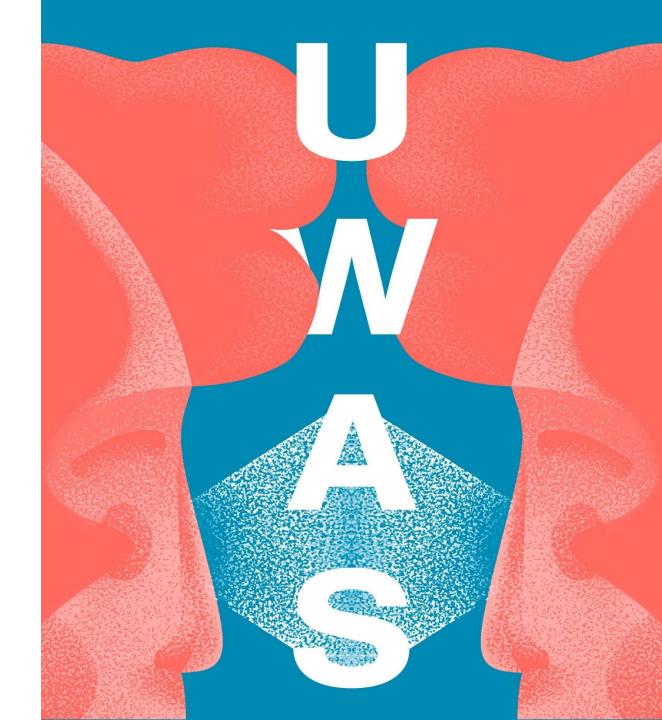
University Wide Art Studies in cooperation with Sitra

Pilot Course 2019: Innovative Approach to Circular Economy

- Open for all Aalto students
- The course attempt was to look for artistic possibilities of tackling the environmental crisis.
- During the course, students created artistic proposals of new solutions and possible futures to implement sustainability and circular economy.



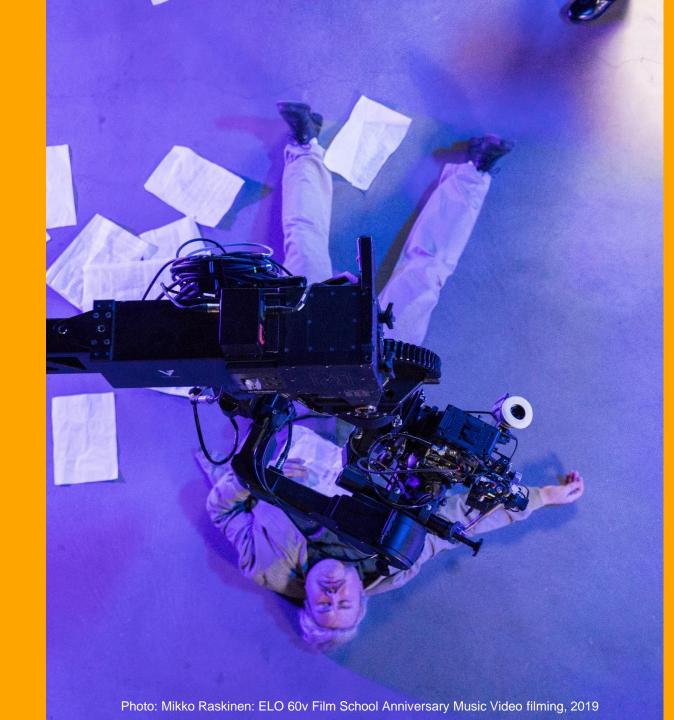




DEPARTMENT
OF FILM,
TELEVISION
AND
SCENOGRAPHY







Department of Film, Television & Scenography

Ekosetti Sustainability guide for the Finnish audiovisual industry

- Editors: Kaisa Astikainen and Anne Puolanne
- ekosetti.fi















KUVAUSLOKAATIO

Vanha sääntö kuuluu, että kuvauspaikan tulisi jäädä yhtä hyvään, ellei parempaan, kuntoon kuin mitä se oli ennen kuvauksia. Ohje liittyy vahvasti myös kestävyyteen. Lokaation valinta raamittaa pitkälti sen, kuinka ympäristöystävällisesti kuvaukset on mahdollista toteuttaa.

- Pyri mahdollisimman pitkään pitämään ekologisuutta yhtenä kuvauslokaation kriteerinä. Varsinkin sähköön ja lokaation saavutettavuuteen tulisi kiinnittää erityishuomiota: löytyykö läheltä verkkovirtaa ja ekotankkaustai sähköauton latausmahdollisuutta, ulottuuko julkinen liikenne alueelle, onko paikassa juokseva vesi ja sisävessat. Onko kuvauspaikan omistajalla linjaus kestävyyden suhteen? Priorisoi ruutuaika ympäristövalveutuneille tahoille.
- Lokaation etsinnässä pyydä valokuvia paikan päältä ennemmin kuin että liikut itse kaikkialle. Tiedustele ja jaa tietoa kollegoiden kesken.
- Tee kyltit ja opasteet kierrätettävistä materiaaleista ja lyhytaikaiseen käyttöön hyödynnä muovitaskuja laminoinnin sijaan. Kiinnityksestä ei tulisi jäädä jälkiä eli älä käytä puihin niittejä tai kuristavia nippusiteitä. Ota alas kaikki kyltit kuvauspaikalta poistuttaessa.
- Perusta toimiva jätteiden kierrätyspiste.

- Huolehdi, ettei kuvausryhmän toiminnasta jää jälkiä luontoon. Kiinnitä järjestelyihin erityisen paljon huomiota, jos lokaatio sijaitsee luonnonsuojelualueella. Käy läpi alueen haltijan kanssa missä saa ja ei saa liikkua, sitoudu kunnioittamaan sovittuja sääntöjä. Tutustu jokamiehenoikeuksiin ja pesimäaikoihin.
- Ole erityisen tarkka loppusiivouksesta, erityisesti luonnossa kuvatessa, oli kyse tuntien tai kuukausien kuvauksista. Hyödynnä ennen ja jälkeen -valokuvia, tee aina viimeinen tarkistuskierros.
- Suosi ekologisia kuivakäymälöitä, jos vesivessaa ei ole tariolla.
- Korjaa ongelmat heti, jos autoissa, generaattoreissa, bajamajoissa tmv. esiintyy vuotoja, minimoit haitat ympäristölle. Jos vahinkoja sattuu, varmista asianmukainen puhdistus.
- Tiedosta, että julkisilla paikoilla tapahtuvat kuvaukset luovat mielikuvaa alamme toiminnasta. Tiedosta tämä erityisesti kestävän tuotannon kohdalla.



Studioympäristössä toimivat pitkälti samat lainalaisuudet, mitä kestävässä toimistossa. Uusiutuvaan energiaan siirtyminen ja energiatehokas valaistus (LED) ovat studion merkittävimmät ekoteot.

- Selvitä ilmanvaihdon optimointia eli tehon pienentämistä työaikojen ulkopuolella. Huomioi kuitenkin ilmanlaatu, energiatehokkuus ei saa mennä terveyden edelle.
- Varmista toimiva jätehuolto kaikkialle yleisötiloja myöten.
- Mikäli studiolla on myös omaa kalustoa tai se vuokraa niitä, pysy ajan tasalla kehittyvästä tekniikasta. Tiedosta rooli uusien innovaatioiden testaamisessa, tarjonta voi herättää kysyntää.
- Jos toimintaan liittyy autokalustoa ja logistiikkaa, suosi ekoautoja ja uusiutuvaa polttoainetta. Harkitse taloudellisen ajotavan kurssia.

- Selvitä mahdollisuutta perustaa sähköauton latauspiste.
- Kerro aktiivisesti kestävistä palveluista ja ratkaisuista. Studiot tavoittavat alan toimijoita laajasti, joten esimerkin voima voi innostaa muita mukaan ekotyöhön. Pelkästään uusiutuvalla sähköllä studio voi muuttaa monet tuotannot hieman ekologisemmaksi.



LÄMPÖTILASUOSITUKSET

kevyt istumatyö: 21–25 °C muu kevyt työ: 19–23 °C keskiraskas työ: 17–21 °C raskas työ: 12–17 °C

Lähde: Työterveyslaitos



Department of Film, Television & Scenography

Ekosetti: Sustainability guide for the Finnish audiovisual industry

- Creators of art and entertainment can reach out to a large number of people through their work, so communicating the importance of responsible behavior is essential.
- The greatest impact is likely to be achieved when durability can be addressed (directly or indirectly) in the content of the work.



Oppaan hankekumppaneina ja rahoittajina ovat toimineet Audioviauaalisen kultuurin edistamiskeskus AVEK/Vieterthuk, Audiovisual Producers Finland - APFI yseikä Aktorylopisto. Taleteden ja sunnintelun korkeskuuli/Elokuvataiteen ja lavastustaisteen laitos ja Insinööntieteiden korkeskoulu/Rakennetun ympäristön laitos. Opasta on toeturettu osana Aalto-yliopiston monialaista seed funding -hanketta" Sustaniability in filmmaking (SUI) ni filmma

Sisähö: Kalsa Astikainen ja Anne Puolanne SUPI-hankkeen saxsubunehkilik Astiko/fiopistolla: elokuvaohjauksen professori Saare Saarela ja ympäristötekniikan professori Jaana Sonvari Ulkoasut Kinglia (Advertising QV, Kristina Viherusori Kuxet: Unspjask), Stutterstock Kirokset: Oy Bufo Ab, konsultofludu kollegat ja ympäristömerkkien haltijat



Julkaisuajankohta: Helsinki 12,9,2019





www.ekosetti.fi info@ekosetti.fi #ekosetti

Vältäthän oppaan printtaamist





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EKI



KERTAKÄYTTÖKULTTUURISTA Kestävään toimintaan

Tenestulos Literman Ekonettiä eli Suomen ensimmäistä autovisualaleile (ky al silel tarkoitettua ekologisesti kestävin toiminnan opasta. Sen tarkoiteksana on toimina opasta. Sen tarkoiteksana on toimina keskusta-lun avasjans uudenlaisielle toimintakultuurile jossa kestätyys tuodan mukaan päätökeinet-koon ja käytännön työhön. Kestävän kehitye-koon ja käytännön työhön. Kestävän kehitye-koon ja käytännön työhön. Kestävän kehitye-koon ja käytännön työhön histoiteksi kehitye, joikta Ekosett-opas painottaa ympääritökkestäyys, joikta Ekosett-opas painottaa ympääritökkestäyyön näkkikulman.

Oppaan toivotaan puhuttelevan kaikkia avalan toimijoita formaalista riippumatta aina sidosryhmiä myöten: manoksia, elokuvia, tvokejiemia, studioita, kalustovuotraamoja sekä tuottaja, yöntekijöitä, tilaajia, rahoittajia ja yhteistyökumppaneita. Tavoitteena on antaa tietoa ja inspiroida keiöjitä kehittämään toimintaansa ympäristövastuullisempaan suuntaan.

Kotimainen av-ala toliminee jo valmilissi melko ekologisesti, sillä rajallises tuodjetti ovat eina ohjanneet meitä resurseivitsaaseen ja säästenlääseen tolimintaan. Tuotantomme pyöriviät pitkäiti jo kiertotalouden periaattein, sillä niitä toteutetaan lainaten ja vuokraten sekä alihankintana jo ostopalveluin.

Kotimainen infrastruktuuri, kuten kieräkysjärjestelmä, antaa neille myös hyöt valmuidet kestäkyyden toteuttamiselle, mutta tarvitsemme lisäksi yöksiulija, koultutata sekä alan yhteostä järjestäkymissä. Ympärstötosaaminen voi olla jäxössaa alamme vahvuuri, jolloin olemme tekemässä Suomesta kiertotalousyhteiksiuntaa, kehitämässä avellae gilöobalati sekä osaltamme ratkaisemassa ilmastokrisien sallä kestävä toiminta on nyi vapaaehtoista, mutta sev oli yöhinin muuttaa tulesiauudessa

Ulkomaisten esimerkkien mukaan av-tuotannon suurimmat ympairkoikuurmitajat ovat logistiikka, energiankäyttö, jitteet, catering ja jälkituotanto. Suomesta vastaavaa jaottelua ei voi sanoa faktana, sillä kotimassa ei ole juurikaan tehty kestäivän tuotannon tutkimusta tai käytännon joitoontia eikä meilä toistaseksi ole av-lalelle tarkoitettua hilijalanjäkolaskuria tai sertifiointia.

Meidän tulisikin kartoittaa alan nykytilanne keräämällä tietoa, millainen ympäristökuormittavuus tuotannoilla on nyt, jotta voimme rakentaa paremmat toimintadeellytykset tulevaisuuteen. Erityisesti tarvitaan tutkimusta ekologisten toimintamallien liiketaloudellisista vaikutuksista, jotta ekologisuus voidaan toKestäviä vuotinto on kokonaisuus, joika on suunnieta, tootusta hallitusti seikä jooksid ala suunnieta, tootusta hallitusti seikä jooksid ala suunnieta tuotusa ja kuntieta kantautanon synyttämää yrapaistelkuuromitusta kantautanon synyttämää yrapaistelkuuromitusta kantautanon suunnieta ja kuntieta kantautanon suunnieta ja kuntieta kantautanon suunnieta ja kuntieta j

Taiteen ja viihteen tekijöinä voimme kosketta työllämme suurta joukkoa ihmisiä ja välittää viestiä vastuullisen toiminnan tärkeydestä. Ekotyötä voi tehdä kameran takana, edessä t molemmissa. Suurin vaikuttavuus saavutetaa todennäköisesti silloin, kun kestävyyttä voidaan käsitellä (suoraan tai välillisesti) teoksen sisällössä. Pieniinkin sisällöllisiin ratkaisuihin

Jos opas vaikuttaa pitkäitä ja asioita tuntuu olevan liikaa, älä huoli: aluksi riittää, että vinkeistä otetaan käyttöön helpjommin totuutettavat ja ekologisuuteen pyritään omien sekä tuotannon resuussien mukaan, (Vinkkinä. Pikakatsaus kestävän tuotannon kokonaisuuteen löyty oppaan viimeiseltä sivutta J Ekosetti-opaa ei ole vastaus kaikkeen, mutta se on toipettavadi aruun ma sinkinsessi.









DEPARTMENT OF ARCHITECTURE



Department of Architecture: Building Technology

Studio course: Reuse of Buildings

This course Deepens the understanding of sustainability issues in reuse of built environment

- Students learn to:
 - Understand existing buildings through cultural, historical, spatial and technical analysis
 - Innovative architectural solutions through adaptive reprogramming, refurbishing and extending. This Deepens the understanding of sustainability issues in reuse of built environment
 - Conduct an in-depth design project: Real acute design tasks – real clients







Department of Architecture: Building Technology

Lecture course on sustainable adaptive reuse - REVITALIZE

- Deepened understanding of multidisciplinary issues in sustainability
- Providing tools and methods for students in order to reach sustainable solutions in research and design







Department of Architecture: Wood Architecture

Architecture students designed a wooden pavillion in front of the Design Museum; A wooden pavillion designed and implemented by architecture students at Aalto University and Westminster University, London.



Continued conversations on the possibilities for and challenges in arts- and design based learning?



Anniina.suominen@aalto.fi +358 50 4334430

Co-teaching & ethics panel – a teaching demonstration Elina Kähkönen University Teacher and Aaltonaut Programme Director Håkan Mitts University Teacher



























Aalto Way of Implementing Strategic Themes in Teaching

Elina Kähkönen
Aalto Design Factory
Program director – Aaltonaut
University lecturer – Interdisciplinary product development

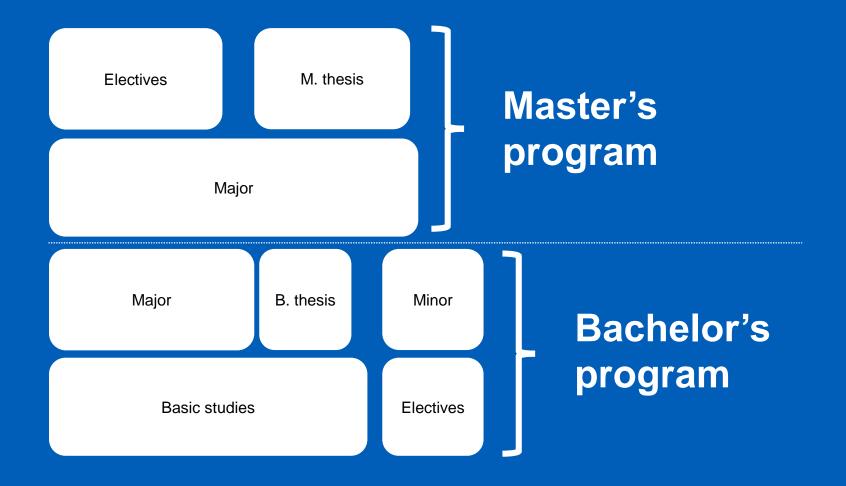








Place of sustainability studies in a degree program?





How to add a strategic theme in studies?

	New elective course
Reach (student mass)	Small
Effort in implementation	Small
Major challenge	Student marketing
Need for coordination	None



How to add a strategic theme in studies?

	New elective course	New obligatory course
Reach (student mass)	Small	High
Effort in implementation	Small	Very high
Major challenge	Student marketing	Autonomous degree structure
Need for coordination	None	Degree program / school

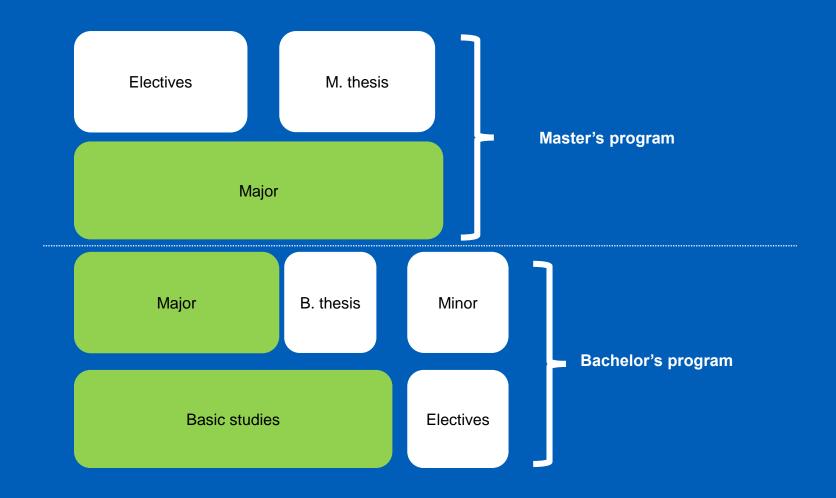


How to add a strategic theme in studies?

E. Kähkönen, K. Airo, H. Mitts

	New elective course	New obligatory course	Integration in existing obligatory course
Reach (student mass)	Small	High	High
Effort in implementation	Small	Very high	High
Major challenge	Student marketing	Autonomous degree structure	Integration process
Need for coordination	None	Degree program / school	Aalto level











Roles









Insinöörin mielipiteet olivat minusta kaikista vastuuttomimmat

Paneeli oli hyvin järjestetty. Pidin siitä että henkilöt ottivat selkeästi roolin ... se loi hyvin erilaisia

näkökulmia ... Toivon että paneeli

järjestetään vastaisuudessakin.

Jäi mieleen että oli hyvä paneeli, ja oli kivaa osallistua. Vaikka aihe oli tietyssä mielessä hypoteettinen, sai siihen myös vastata hypoteettisesti ja heitellä ideoita samoin kuin vastata ikään kuin vakavissaan.

Mukavan värikäs ja monipuolinen tapahtuma



Mitä jäi mieleen paneelista?

Thank you. Questions?

Contact elina.kahkonen@aalto.fi hakan.mitts@aalto.fi



Coffee & snacks served 14.30-15.00

Climate Challenge filming

