

Kestävä kehitys ja vastuullisuus työryhmä

9.3.2017

Agenda

- Raportointi, 2016
- Raportoinnit:
 - Aallon toimintakertomus
 - Management Review
 - ISCN
- Sidosryhmät
 - Ilmastokumppanit
 - YK kestävän kehitykset tavoitteet – sitoumukset (myöhemmin)

Aalto strategy:
"Our vision carries a strong commitment to building a sustainable society driven by innovation and entrepreneurship"

Excellence
Multidisciplinary
Entrepreneurship
Societal impact

Learning and education:
Sustainability as cross-cutting theme

Learning goals

Practices

Research: Solving global challenges with sustainable research

Content

Outcomes

Practices

Aalto organisation:
Sustainable services and campus

Services

Campus

Toimintakertomus

2016

- Kestävä kehitys ja vastuullisuus ovat Aalto-yliopiston strategian ja yhteisten arvojen keskeisiä tekijöitä. Yliopisto huomioi kestävän kehityksen ja vastuullisuuden kaikessa opetuksessa, tutkimuksessa ja muussa toiminnassa. Kampuksen kehittäminen on keskeisessä roolissa kestävän kehityksen edistämässä. Yliopisto toimii yhteistyössä useiden kansallisten ja kansainvälisten verkostojen, kuten International Sustainable Campus Network (ISCN) -verkoston kanssa.

2017

- Kestävä kehitys ja vastuullisuus ovat Aalto-yliopiston strategian ja yhteisten arvojen keskeisiä tekijöitä. Yliopisto huomioi kestävän kehityksen ja vastuullisuuden kaikessa opetuksessa, tutkimuksessa ja muussa toiminnassa. Kampuksen kehittäminen on keskeisessä roolissa kestävän kehityksen edistämässä.
- Kestävän kehityksen työryhmä seuraa ja edistää alueen tutkimus-, opetus-, ja operatiivisia toimintoja. 2016 panostettiin erityisesti kestävän kehityksen tutkijayhteisön rakentamiseen, työtä jatketaan erityisesti osaamisprofiilien tunnistamiseksi. Vuonna 2016 arvioitiin kandidaattiohjelmaa, joiden oppimistavoitteista löytyivät hyvin kehitys ja vastuullisuus osana laadunvalvontaa. Uusille kestävän kehityksen verkkosivuille nostettiin aiheeseen liittyviä uutisia. Yliopisto toimii yhteistyössä useiden kansallisten ja kansainvälisten verkostojen, kuten International Sustainable Campus Network (ISCN) -verkoston sekä EIT:n Climate KIC -yhteisön kanssa.

Raportointi – Management Review

Sustainability

Completed actions	Actions 2017
<p>Teaching and learning</p> <ul style="list-style-type: none">• Sustainability included in Bachelor program aims• Support materials from TEK and Sitra made available for teachers• Teachers' breakfast 3 times ~20 participants <p>Research</p> <ul style="list-style-type: none">• Sustainability as one key theme in profiling application Profi3• New web pages and news stream• Researchers' network under development <p>Organizational practices</p> <ul style="list-style-type: none">• Space reduction and energy efficiency improvements• New apps surveyed to reduce food waste• Sustainability info for new students updated• Instructions on sustainability with stakeholders created; to be integrated into "code of conduct"• Reduction of the number of server rooms• Specific activities (IDBM project and seminar) with refugees	<p>Teaching and learning</p> <ul style="list-style-type: none">• Survey on Master's Degree programs' goals• Study how Bachelor's programs implement sustainability goals; improve follow-up processes, integration to program review• Aalto-wide Bachelor/Master level course to be piloted• Workshop with students on sustainability thesis work <p>Research</p> <ul style="list-style-type: none">• Build researcher community around multidisciplinary sustainability research and catalyse research• Identify current topics and future trends within Aalto• Visibility and internal and external awareness; Sustainability Research Day of Aalto• Easy access for piloting - campus as living lab/test bed <p>Organizational practices</p> <ul style="list-style-type: none">• Circular economy in Aalto• Recycling of furniture and office materials; usage of Sharetribe in Aalto• Building visibility and awareness• Researchers at risk network activities



Sustainability and social responsibility

Review summary 2016

Annukka Jyrämä, SDWG

Development areas and actions needed, evaluation on 2016 - key findings

Development area	Objective	Action needed (responsible)	Results
Sustainability and social responsibility to be included into bachelor and master programs aims and ensure implementation	Sustainability and social responsibility present in all Aalto University's teaching and learning activities	<ul style="list-style-type: none"> • Teacher education / support • Follow up on aims and their implementation – bachelor programs 2016 • (Annukka Jyrämä and Eija Zitting) 	<ul style="list-style-type: none"> • Bachelor programs sustainability goals found to be in sufficient level • Teachers support platforms (TEK, SITRA) • Specific course for pedagogy in sustainability could not be established due to resource restrictions • Bachelor program implementation analysis moved to 2017
Sustainability and social responsibility to be included in internal processes within research and artistic projects and within stakeholder relations	Sustainability and social responsibility present in all Aalto University's research and artistic activities	<ul style="list-style-type: none"> • Build up sustainability in research • Include sustainability and social responsibility check ups in RIS support processes • Create guidance/instructions for including sustainability and social responsibility to stakeholder relations • Closer collaboration with Research Ethics Committee (Annukka Jyrämä and Mari Pietikäinen) 	<ul style="list-style-type: none"> • Building sustainability research community through morning events and researcher workshops (3/ app 20; 4; app 10) • Sustainability included as research them into Finnish Academy profiling • The process of check ups for RIS and stakeholder relations discussed and analyzed, process developed, decided to move to code of conduct process

Evaluation of objectives set for 2016

Development action to finalize performance indicators

- Restaurants: decreasing losses
- IT: decreasing number of data centers
- HR: focus on personnel wellbeing
- Recruitment: handbook on equality and responsibility as an employer
- Campus development: multi-use spaces and more efficient use of spaces
- Students: handbook for new students (flyer on responsibility and sustainability with Aalto's values), collaboration with AYY, sustainability and responsibility as part of tutoring
- Communication: renewal of materials, intranet and
- Leadership: sustainability and social responsibility as part of management and quality systems Partnerships: handbook on sustainability for partnership activities

Evaluation:

- Restaurants: To reduce food waste new apps were surveyed and processes developed and piloted, ongoing development work
- IT: number of data centers was decreased by?
- HR: Early intervention model adopted
- Recruitment: to be integrated to code of conduct 2017
- Campus development: multi-use spaces and more efficient use of spaces were created - numbers
- Students: flyer on responsibility and sustainability with Aalto's values was renewed,
- collaboration with AYY, sustainability and responsibility as part of tutoring, early discussions started
- Communication: renewal of extranet, and update on intranet
- Leadership: sustainability and social responsibility integrated into yearly management and quality systems reviews and reports
- Partnerships: guidance on sustainability for partnership activities created and to be integrated to code of conduct 2017

Development areas and actions needed, short term 2017

Development area	Objective	Action needed (responsible)
Sustainability and social responsibility to be included into bachelor and master programs aims and ensure implementation	<ul style="list-style-type: none"> Sustainability and social responsibility present in all Aalto University's teaching and learning activities 	<ul style="list-style-type: none"> Survey on Master's Degree programs' goals Study how Bachelor's Degree programs are implementing sustainability goals Aalto-wide Bachelor/Master level course to be piloted in May 2017, to be part of curriculum – analysis Improve follow-up measurements on sustainability goals in degree programs (Eija Zitting and Annukka Jyrämä)
Sustainability and social responsibility to be included in research and artistic activities	Sustainability and social responsibility present in all Aalto University's research and artistic activities	<ul style="list-style-type: none"> Build researcher community around multidisciplinary sustainability research and catalyse multidisciplinary research Identify current topics and future trends on sustainability within Aalto Create easy access for piloting - campus as living lab/test bed (Minna Halme and Annukka Jyrämä)
Sustainability in Aalto services	Sustainability and social responsibility present in all Aalto University's service activities	<ul style="list-style-type: none"> Enable Circular economy in Aalto (Reduce food waste; E. Autti. Recycling processes ACRE) Building visibility and awareness (Sustainability Day, improve external and internal web pages) Societal sustainability – scholars at risk (?) (Annukka Jyrämä, Laura Siira, etc)
Sustainability in Aalto services	Aims and measures to be agreed on and followed with different service areas (Annukka Jyrämä and Sustainability working group)	<ul style="list-style-type: none"> HR: Early intervention – to be strengthened (M Moisio) IT services: Reduction of the number of server rooms / small data centers continues (j. Juvonen) Investments: Identification of responsible investment products (K. Eriksson) RIS: Reduction of paper usage (M Pietikäinen) Learning centre: Building a sense of community – usage of spaces (m Raatikainen)
Campus development:	Continue ISCN reporting with comparable data Focus area: space management	Aims and focus to be agreed and followed by (Annukka Jyrämä and ACRE, Satu Kankaala)

ISCN -

Raportti vuodesta 2016 (data kerääminen, maaliskuu 2017)

Oppiminen

- Tavoitteet – toteuma
- Case esimerkkejä

Tutkimus

- Tavoitteet – toteuma
- Case esimerkkejä

Palvelut

- tavoitteet –toeutuma
- highlights?

TEKNISET

- Usage of electricity, heat and water /year trends by campus
- Usage of electricity, heat and water/ per sq.
- Waste; amount, types and re-cyclage
- Use of public transport
- Carbon oxide footprint to be calculated

Ilmastokumppanit

2016

- Aalto-yliopisto ja Aalto-yliopistokiinteistöt Oy on kiinteistöalan energiatehokkuussopimuksessa sitoutunut vähentämään energiankulutusta 6 % vuoden 2010 kulutuksesta vuoteen 2016.
- Aalto-yliopiston Energy Efficiency -tutkimusohjelmassa rahoitetaan merkittäviä ja pitkäkestoisia energiatehokkuuden parantamiseen tähtäviä hankkeita.

2017

- Aalto-yliopisto ja Aalto-yliopistokiinteistöt Oy pyrkivät vähentämään hiilijalanjälkeä **x** vuoteen 2020 mennessä.
- Aalto-yliopiston ilmaston muutokseen linkittyvässä tutkimuksessa tullaan panostamaan **x** pitkäkestoiseen monitieteiseen tutkimushankkeeseen ja **x** tutkimukseen pohjautuvaan pilotointiin kampuksella 2020 mennessä.

YK kestävän kehityksen tavoitteet, yhteiskuntasitoumus/ sitoumus2050

-2016

- <https://sitoumus2050.fi/commitment/yhteistyokumppaneiden-tukeminen-yhteiskuntasitoumuksen-lunastamisessa-1>

2017-

- *Tavoitteena työstää tavoitteita eri työpajoissa ja luoda sitoumus niiden pohjalta*