

UiO : **University of Oslo**

1. UNICA **GREEN** ACADEMIC FOOTPRINT Workshop



A way to make universities stay
committed and connected
when it comes to
environmental sustainability.



Oslo. 3.- 4. May 2011

Programme day 1: May 3. 2011

12.30 Registration, Coffee & Sandwiches

14.00 **Welcome!**

Inga Bostad, prorector UiO

Introduction: Who are you/we?

Jorulf Brøvig Silde

14.45 **Panel: Facing the Global Challenges**

Mihkel Kangur, Rolf Vogt, Harold Wilhite,

15.45 Coffee Break

16.00 **Unica Green Academic Footprint: concepts and approaches**

Jorulf Brøvig Silde

16.45 **Universities and Environmental Sustainability**

Arjen Wals

17.30 **Wrapping up Day 1**

Maryam Faghihimani

18:30 **Dinner Ekeberg Restaurant**

Taxi leaving 18:05

Green Associations ...

*The word **GREEN**:
Thoughts, ideas, evoked
associations.*

*What associations would the
word **GREEN** evoke in people
at your university?*

Which of these are your own?



UNICA GREEN ACADEMIC FOOTPRINT

Should this footprint *increase* or *decrease*?



UNICA GREEN ACADEMIC FOOTPRINT

Should this footprint *increase or decrease*?

1. Exploring:

- Much promised already: Copernicus Declaration: principles of action
- Much said already: Other declarations and treaties
- Much done already: Looking to others for examples

2. Discussing:

- The UNICA GAF –uniqueness or standing on the shoulders of others?

3. Analyzing:

- Strengths,
- Weaknesses,
- Opportunities,
- Threats

4. Suggesting:

- Lay a ground for comprehensive universities to stay committed and connected towards a environmental sound and sustainable future by providing knowledge and operate accordingly.

Tasks

1. Make a map of the process towards establishing the UNICA Green Academic Footprint,
2. Describe main elements and milestones and how to get there.
3. Establish a Working Group



Facing the Global Challenges

Mikhel Kangur

Rolf Vogt

Hal Wilhite



A roadmap towards a UNICA ROADMAP



The discussions that took place at a workshop at the UNICA General Assembly suggested that a future *UNICA Green Academic Footprint* should set up a roadmap for universities to become “Green universities” – universities committed towards environmental sustainability.

The following slides
are aiming at setting up a plan of activities
to establish the CONCEPT of
the *UNICA Green Academic Footprint*
including a roadmap for universities
on their way to become greener.

Step 1: Establishing a working Working Group

1. Join in

Identify universities to take part in the establishing process of Unica Green Academic Footprint.

2. Anchoring

Establish a Reference Group of Rectors/Vicerectors from these universities.

3. Describe task

Approve mandate for workinggroup to develop the concept of the Unica Green Academic Footprint.

4. Organize

Establish the workinggroup. (Dedicated senior personell to do the work needed according to the mandate.)

5. Structurize

Make a plan for the workprocess, including overall and more detailed timespans, what and when to communicate with the Reference Group, defining milestones and decisions points, and how to put it forward for the UNICA Steering Group.

6. Start working

Workshops, videoconferences and documents to develop the Unica Green Academic Footprint.

Step 2: The Footprint – Concept

Some initial suggestions

Goal and approach

1. Commitment towards Global challenges within environmental sustainability
2. Comprehensive approach:
Increase environmental impact
(Research and education)
3. Changing behaviour and attitudes:
Decrease environmental impact.
(Operation and infrastructure)
4. Cooperation and openness, transparency in the details
5. Do and walk as we talk and teach:
environmental management system
6. Affecting priorities on a strategic level at each university.



- a sign of excellence in environmental sustainability

UNICA-Green could identify 3 stages of commitment, efforts and effects.

1. Green-ish
2. Light Green
3. Green

Step 3: The **Green** Decision

Step 4: **Green** Implementation

Vienna Oct 2010:

General assembly UNICA

The following slides were used to present the idea and concept of a future Unica Green Academic Footprint.

Are we ready to take responsibility?

The University is ready to take responsibility for helping to resolve global challenges, particularly those related to climate and the environment. UiO will take responsibility for facing environmental and climate-related challenges both through research and education related to the environment and through operations at the university. In this way, UiO will establish itself as a green university. (UiO Strategy 2020)

- We are not there yet.

Is *UNICA* ready

as a *network* of the universities of the capitals of Europe to take responsibility when it comes to the environmental challenges?

Environment and Sustainability:
Who can provide the understanding
and the solutions -
if not the universities...?

There are still enough challenges for all of us ...



Sustainability literacy

How do you spell your environmental footprint?

Increased Consumerism:

the Solution of the Financial Crisis or a Major Environmental Threat?

The *Economics*
of Ecosystems and Biodiversity

Responsible individuals and societies:
the dynamics when individual initiatives leads to

mass movements and major changes

The *Functioning*
of Biological Diversity and Ecosystem

The Climate *Changes*
and the needed adaptations

UNICA Green Academic Footprint

1. How can we make it address and affect the global challenges?
2. How can we make it have local effects?
3. How can we make universities stay committed and connected?
4. What should the **Footprint** look like?
5. How to proceed?



Unica Green Academic Footprint Some initial suggestions ... 1

As academic institutions the UNICA-universities can choose to be *the* place for

- researchers and students who want to be a part of the solution of different aspects of some of the Grand Challenges of our time, Environmental and Climate issues.
- politicians who look for knowledge based toolkits
- companies who are looking for cooperation for green innovation
- the best graduates who are looking for a cool place to start their career as administrators and managers



Unica Green Academic Footprint Some initial suggestions ... 2

When it comes to research and education UNICA can establish policies and practice towards

- ensuring environmental literacy for all
- promoting interdisciplinary approaches to environmental related research
- joining forces and establish goals in funding research
- developing UNICA Green Studies across the university borders
- ... and more



Unica Green Academic Footprint

Some initial suggestions ... 3

On the institutional level UNICA can choose to

- establish some kind of certification or verification of sustainable approach and practice for its member universities.
- A self-assessment and self reporting system based on some common principles, preferably with some commonalities to other institutions
- UNICA could launch the UNICA-Green Declaration, and invite universities to join in.
- Establish a UNICA-GreenPool; a pool of Best-practice
- ... and more



Unica Green Academic Footprint

First step approach - summarized

While working towards becoming a strong academic green force in making the world a better and more sustainable place, we could start to take a few small steps together:

- a declaration
- a self assessment tool
- a student programme across the borders



Unica Green Academic Footprint

It has the potential to make universities stay committed and connected when it comes to environmental sustainability - IF we work it out together.

Exploring environmental sustainability

- Much promised already:
 - Copernicus Declaration: [principles of action](#)
- Much said already:
 - Other treaties and [declarations for higher education](#)
- Much done already:
 - Looking to others for examples: networks and associations

Copernicus Declaration: Principles of action

1. Institutional commitment:

The University shall demonstrate real commitment to the principle and practice of environmental protection and sustainable development within the academic milieu.

2. Environmental ethics:

The University shall promote among teaching staff, students and the public at large sustainable consumption patterns and an ecological lifestyle, while fostering programmes to develop the capacities of the academic staff to teach environmental literacy.

3. Education of university employees:

The University shall provide education, training and encouragement to the employees on environmental issues, so that they can pursue their work in an environmentally responsible manner.

4. Programmes in environmental education:

The University shall incorporate an environmental perspective in all its work and set up environmental education programmes involving both teachers and researchers as well as students - all of whom should be exposed to the global challenges of environment and development, irrespective of their field of study.

5. Interdisciplinarity:

The University shall encourage interdisciplinary and collaborative education and research programmes related to sustainable development as part of the institution's central mission. The University shall also seek to overcome competitive instincts between disciplines and departments.

6. Dissemination of knowledge:

The University shall support efforts to fill in the gaps in the present literature available for students, professionals, decision-makers and the general public by preparing information didactic material, organizing public lectures, and establishing training programmes. The university should also be prepared to participate in environmental audits.

7. Networking:

The University shall promote interdisciplinary networks of environmental experts at the local, national, regional and international levels, with the aim of collaborating on common environmental projects in both research and education. For this, the mobility of students and scholars should be encouraged.

8. Partnerships:

The University shall take the initiative in forging partnerships with other concerned sectors of society, in order to design and implement coordinated approaches, strategies and action plans.⁸

9. Continuing education programmes:

The University shall devise environmental educational programmes on these issues for different target groups: e.g. business, governmental agencies, non-governmental organizations, the media.

10. Technology transfer:

The University shall contribute to educational programmes designed to transfer educationally sound and innovative technologies and advanced management methods.

Exploring environmental sustainability

- Much promised already:
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Other treaties and [declarations for higher education](#)
- Much done already:
Looking to others for examples: networks and associations

Declarations: Universities and environmental sustainability

- [Talloires Declaration](#)
- [Halifax Declaration](#)
- [ACU -- Swansea Declaration](#)
- [Kyoto Declaration](#)
- [CRE Copernicus Charter](#)
- [Earth Summit Agreements](#)
- [Student Declaration for a Sustainable Future](#)
- ...

Exploring environmental sustainability

- Much promised already:
Copernicus Declaration: principles of action
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Other treaties and declarations for higher education
- **Much done already:**
Looking to others for examples: networks and associations

Networks and associations

environmental sustainability, some examples

- [Association for the Advancement of Sustainability in Higher Education](#)
- [International Sustainable Campus Network](#)
- [Society for College and University Planning](#)
- [Campaign for Environmental Literacy](#)
- [International Journal of Sustainability in Higher Education](#)
- [University Leaders for a Sustainable Future](#)
- [Second Nature](#)
- [Higher Education Associations Sustainability Consortium](#)
- [Campus Environment 2008: A National Report Card on Sustainability in Higher Education](#)
- [Salzburg Seminar: Greening the Minds: Universities, Climate Leadership, and Sustainable Futures](#)
- [UNESCO Global Higher Education for Sustainability Partnership](#)
- [A shared vision for sustainable development in higher education \(UK\)](#)
- <http://www.princetonreview.com/green-rating-methodology.aspx>
- [Copernicus Alliance](#),

Discussing

The UNICA GREEN ACADEMIC FOOTPRINT

Should we aim for

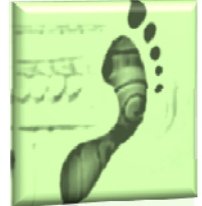
- a unique contribution?
- standing on the shoulders of others?
- copying?
- cooperating?
- joining?



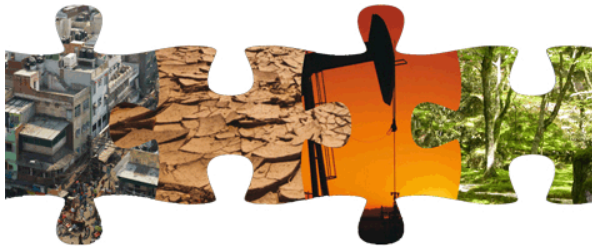
Analyzing: The UNICA GREEN ACADEMIC FOOTPRINT



- Strengths,
- Weaknesses,
- Opportunities,
- Threats



Suggesting: The UNICA GREEN ACADEMIC FOOTPRINT



Let us be laying

the ground for comprehensive universities

to stay committed and connected towards a environmental sound and sustainable future

by enable providing knowledge and operate accordingly,

by starting with the given tasks.

Tasks (Inga Bostad:

1. Make a map of the process towards establishing the UNICA Green Academic Footprint,
2. Describe main elements and milestones and how to get there.
3. Establish a Working Group

*Dinner

- Ekeberg Restaurant
- Taxi outside, leaving 18.05

DAY 2

UiO : University of Oslo

1. UNICA **GREEN** ACADEMIC FOOTPRINT Workshop



A way to make universities stay
committed and connected
when it comes to
environmental sustainability.



Oslo. 3.- 4. May 2011

Programme day 2

May 4. 2011; Harriet Holters hus, Seminarrom 301

8.30 Coffee

9.00

Green UiO

Starting from Scratch

Green Operation

Best Green University Practice

Jorulf Brøvig Silde

Maryam Faghihimani

Frode Meinich

9.45

Green experience: successes and failures

Maria Economou, University of Athens,

Márcia Vila and David Xavier, Lisbon University,

Antoinette Charon W., University of Lausanne

10.30

Break

10.45

Student Declaration 2011: a sustainable university

Cecilia Mayer

11.15

Building a Green Academic Platform:

Peter Maassen

Unica Network for Joint Degree Program and Research Project

12.00

Lunch

Lucy Smith Hus, 10th floor

12.45

A roadmap towards Unica Green Academic Footprint

Jorulf Brøvig Silde / Mihkel Kangur

14.45

Break

15.00

A green university is an attractive university.

Discussion

15.30

Summarizing the workshop and how to proceed.

Jorulf Brøvig Silde / Kris Dejonckheere

19.30

Reception

Domus Biblioteca, Karl Johans gate 47

Project description next!

... and a roadmap towards the UNICA GREEN ACADEMIC FOOTPRINT

1. Process Map: Dreamable observations
 2. Milestones ending with UNICA GAF is established
 3. Timetable: First week. First month, First 3 months, first half year, ...
 4. Organisation: Working Group, ReferenceGroup
-
- How to go on with the work: Secretariat, Meetings: Video vs Flying
 - Communication and reporting: web, to whom
 - Subgroups increasing Environmental Sustainability: Curriculum, Operation1, Strategy and networking

Have a safe trip back home!

