

UiO: University of Oslo

The UNICA GREEN Workshop 2018, Brussels: Implementation of SDGs in Higher Education

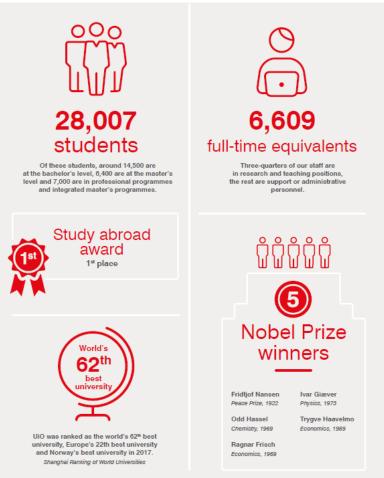
Outstandingly Green

- from vision to practical strategy



UiO –facts and figures





UiO –facts and figures



Refurbishing:

Breeam Excellent

Estate operation

- 472 000 m² own
- 112 000 m² leased
- 135 buildings
- 22 student restaurants
- 500 000 m² outdoor space

UiO –facts and figures



UiO - the green path



- Policy: Copernicus Declaration
- UiO Strategy 2020
- Green UiO: symmetric sustainability
- Student involvement
- UNICA Green 1st workshop Oslo
- Rio+20 HESI
- Nordic Sustainable Campus Network
- Climate partner Oslo
- Masterplan for properties
- Environmental and climate change strategy for estate operations

UiO University of Oslo



Environmental and climate change strategy for UiOs estate operations

- 1. Action oriented
- 2. Sets targets
- Identifies measures
- 4. Sets a timeline

9 targeted areas3 subsets of organisational measures

Following the 2R-principle: Realistic & Realizable

Ticking of the SDGs



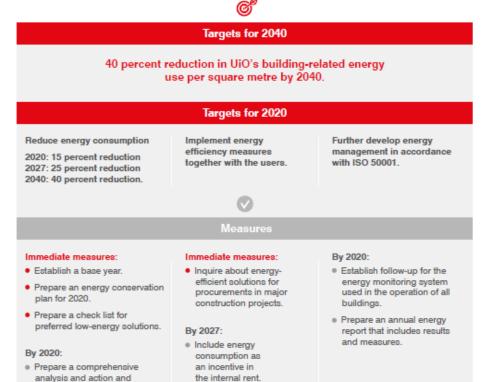
Targets and measures, example energy

financing plan for energy

reduction.

Plan for local energy production.





Targets and measures, example outdoor



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Targets for 2040

UiO's outdoor areas shall promote environmental and biological diversity and create well-being and joy in nature

Targets for 2020

Environmentally efficient use of walls and roofs with active roofs as part of the outdoor areas. New, rehabilitated park areas shall satisfy UiO's environmental goals. Green management of the outdoor facilities and cycle-based park management. UiO's outdoor areas have a biodiversity that contributes to Oslo's nature diversity.

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By 2020:

- Establish a plan for active roofs.
- Carry out a pilot project for active roofs and natural climate regulation of buildings.

By 2020:

- Greenhouse gas accounts for pavement heating and conventional snow clearing.
- Plan for environmentally efficient and climatefriendly care.
- Local surface water management.

Immediate measures:

 Establish greenhouse gas accounts and calculate the effect of various measures.

By 2020:

- Set targets for:
- · organic waste
- water consumption
 fossil-free and
- fossil-free and emission-free machinery
- use of plants

Immediate measures:

 Assess biodiversity on UiO's campuses.

By 2020:

- Increase biological diversity by creating favourable conditions for flora and fauna.
- Establish a baseline for biodiversity.

A working tool for professionals



Getting started in 3 steps

Step 1

Familiarise yourself with the targets. The strategy includes measures that shall be implemented by the Estate Department. You will be using this as a tool in your work in the years to come.

Step 2

Identify areas, targets and measures that concern your area of responsibility and specialist field. Start with the immediate measures. Speak to your immediate superior and colleagues and cooperate with others when necessary. Ensure that consultants who perform work for UiO do so in accordance with this strategy.

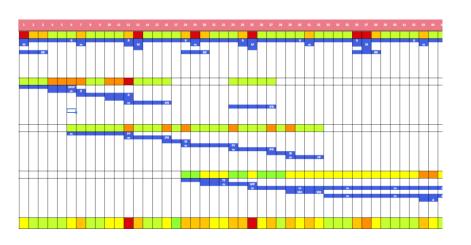
Step 3

Incorporate targets and measures into other plans and budgets.

Develop your own expertise. Systematise experiences.

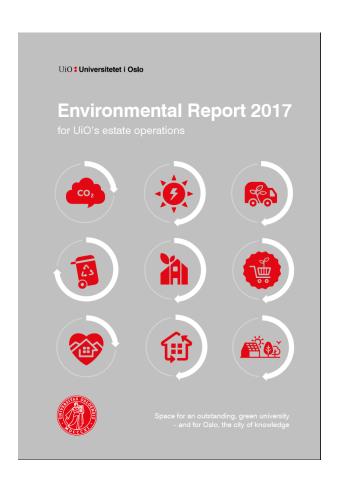
And remember to celebrate your achievements along the way!

Implementing the strategy Operationalisation through the line



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Reporting progress









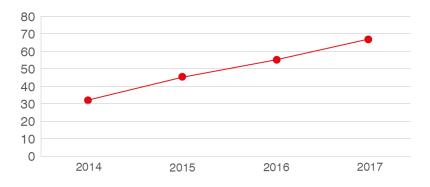




Reporting progress, example: waste

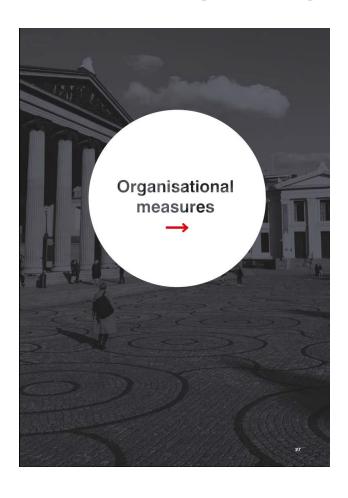


Source separation rate (%) UiO





Reporting progress, example: management





A management, organisation and culture that promotes the environment and climate and gives green results



UiO - the strategy



Starring

- A Rectorate
- An overall strategy
- A management team
- A campus masterplan
- A professional Estate department
- Dedicated professionals
- Nuts and bolts

Internal rent; area efficiency
Energy effiency
Resource management
Competence development
Being a demanding
customer and market actor
City partnerships
Student collaboration

Toolcase: nuts and bolt

Thank you!