

6D – Vers des campus responsables

6D – Toward sustainable campuses



Nos 3 intervenants



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Agenda 21, PMT

4 groupes de travail

- Valorisation
- Exemplarité Ecologique
- Responsabilité sociale
- Transmission, (enseignement et recherche)

Un travail en Prospective

- Campus piéton
- Voies cyclables
- Desserte Bus de ville
- Ceinture verte Biodiversité
- Energies renouvelable, géothermie profonde
- Parc d'entreprises innovantes
- Alimentation durable

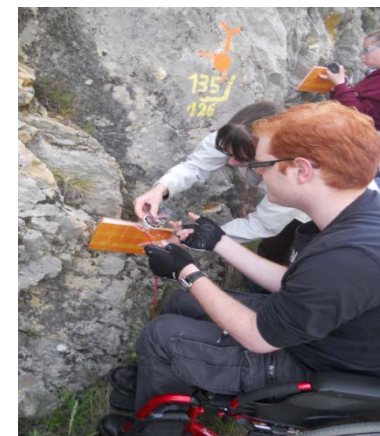
Etude d'impact

- Réalisée avec Campus Responsables
- Permet de mesurer l'impact en termes d'emplois de l'institution



Axe Accès Handicap

- **Accès à l'enseignement supérieur** est limité pour les personnes en situation de handicap
- Permettre à chacun, quelque soit son handicap de pouvoir étudier
- Aménagements des locaux: ascenseurs, plain pied, campus piéton, **sorties Géologie**
- **Accompagnement spécifique** pour les sourds et malentendants
- 48 élèves présentant une déficience (motrice, sensorielle, psychique ou cognitive) ou une maladie invalidante sont accompagnés par **un chargé de mission en poste à temps plein**
- L'an dernier **24 étudiants ont bénéficié d'aménagements** nécessitant l'achat ou la location de matériel spécifique financé par le budget de la mission handicap (Total depuis 2011, Centre de Recherche Nesté)



- Histoire agricole, ferme et formations d'Ingénieurs en Agriculture, en Alimentation-Santé, mais aussi un nouveau Master Sécurité Alimentaire des Villes
- Participation à AFTERRES 2050 : Déclinaison en Picardie d'un scénario Agriculture et Alimentation 2050
- Les circuits courts: Marché locavore, Viande de la ferme proposée aux salariés
- Approvisionnement Bio et Local avec le CROUS, le Centre Hospitalier et la Cuisine Centrale
- Programme EPODE, PNNS, Nurinet, Formation Cuisine et Cancer,
- Cuisine et Potager Nourricier, la place des légumes pour les familles en précarité, un programme pilote qui va accompagner une quinzaine d'autres projets en Picardie dès 2014

Afterres2050



For more informations, www.lasalle-beauvais.fr



Eddi Omrcen, Director Environment

University of Gothenburg Climate strategy 2010-2015,
Objective and action areas

The main objective is to reduce total carbon dioxide emissions by the year 2015 by at least 20 percent compared with 2008 levels. The University of Gothenburg also aims to reduce total energy usage by 10 per cent for the same period.

This is being achieved mainly through:

- **energy efficiency measures**, and by
- **adapting business travel** in line with climatic and environmental considerations.

Areas with an indirect positive or negative impact on the climate have also been identified to reinforce the University of Gothenburg's climate-related efforts: **Research and education, Cooperation and communication, Coordinating purchasing and transport, Computer use, and Food**. Carbon off-setting is made for all climate affecting emissions from air-travel, without it being calculated for in the objective follow-up.

Organizational structure – Scientific guidance

In order to win support for the strategy and to drive its implementation forward, the University has formed an **internal Climate Committee** consisting of eminent researchers within the climate field. The task of the Climate Committee is to **provide guidance and opinions** on the university's climate-related work, and to **assess the measures** described in the strategy.

At the University of Gothenburg, this is a **unique way of gathering knowledge** produced within the university for application on its own operations.



Merritt Polk, senior lecturer in Human Ecology and member of the Climate Committee.

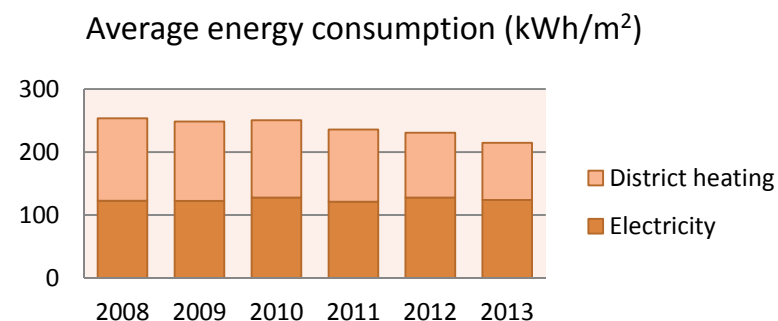
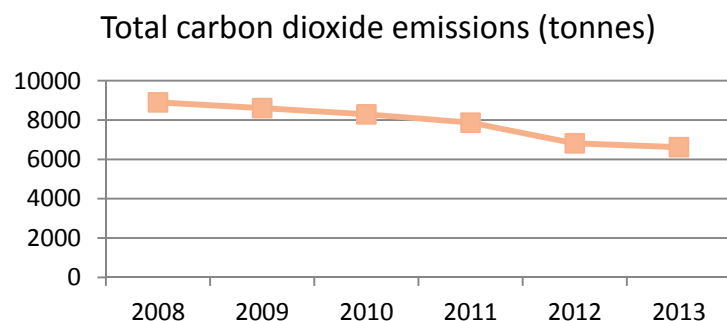


Thomas Sterner, professor in Environmental Economics, lead author in the International Panel on Climate Change and member of the Climate Committee.

Achievement

By the end of 2013 the target was almost reached with **a reduction of total carbon emissions by 19 per cent** as compared to the baseline year 2008. Total **energy use is reduced by 15 per cent**, exceeding the 10 per cent goal.

For 2013 as compared to 2012, energy usage was reduced by 7 per cent giving economic savings equivalent to 430 000 euros or almost 600 000 US dollars, and a reduction of carbon dioxide emissions by 3 per cent.

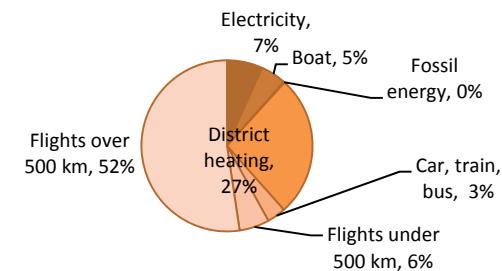


Challenges overcome: Conflicting objectives

Increased internationalization is an important objective for the University of Gothenburg. In conjunction with increasingly internationalized research and education, reducing greenhouse gas emissions from air travel is a challenge.

To meet this challenge, **a policy for travel and meetings was adopted**, requiring special approval for air-travel under 500 kilometres. The University of Gothenburg is at the forefront in technical solutions and support for **travel-free meetings**. Infrastructure, training and information is increasing the use of technology for travel free meetings.

Carbon dioxide emissions 2013



In order to reduce the amount of emissions from air travel, and still be an internationally successful University, an important part of the Climate strategy is to make travel free meetings a realistic and well functioning alternative to air travel.

4. Good examples

Climate off-setting through Gold Standard CDM

In line with the University's vision of increased internationalization, carbon dioxide emissions from travel has **increased by 11 per cent** since 2008. In order to balance these emissions, carbon offsetting is applied by investing in a Gold Standard Clean Development Mechanism (CDM) project.

Carbon offsetting is viewed as secondary to energy efficiency measures and sustainable travelling.

An internal climate fund, financed by part from climate off-setting fees, is being planned. All University staff and students will be able to apply for funding of a project that helps reducing the University's carbon footprint.



*Part of the climate-offsetting investments is made in the **biomass power plant Sri Balaji** in the Indian state of Andhra Pradesh, a Gold Standard CDM-project.*

6. Good examples

An emerging living laboratory

Students at the School of Business, Economics and Law was assigned to count on profitability and environmental benefits of **installing a solar PV system on the school roof** in order to provide recommendations to whether, and under what conditions, the school should agree to such an investment.

The assignment was carried out in collaboration with Akademiska hus who is now proceeding with a proposal for actual installation. The **concept be will used in several faculties** across the University in order to implement energy efficiency measures that have been identified in a joint energy savings project with another property owner, Higab.



Le Modèle du Green Office

Gouvernance participative pour un
futur durable de l'enseignement
supérieur

rootAbility



Valentin Tappeser

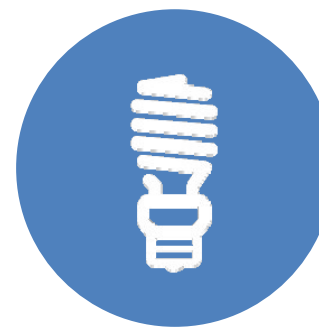
- Ø adelphi & rootAbility Berlin
- Ø Co-fondateur du Green Office Maastricht



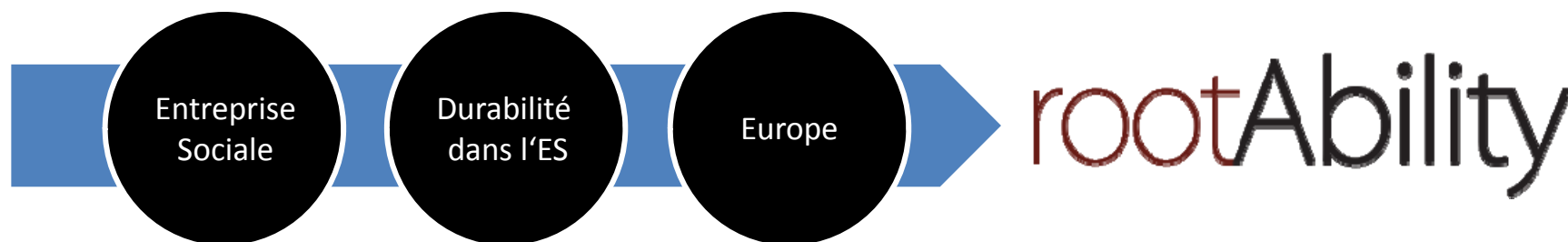
Workshops & Training

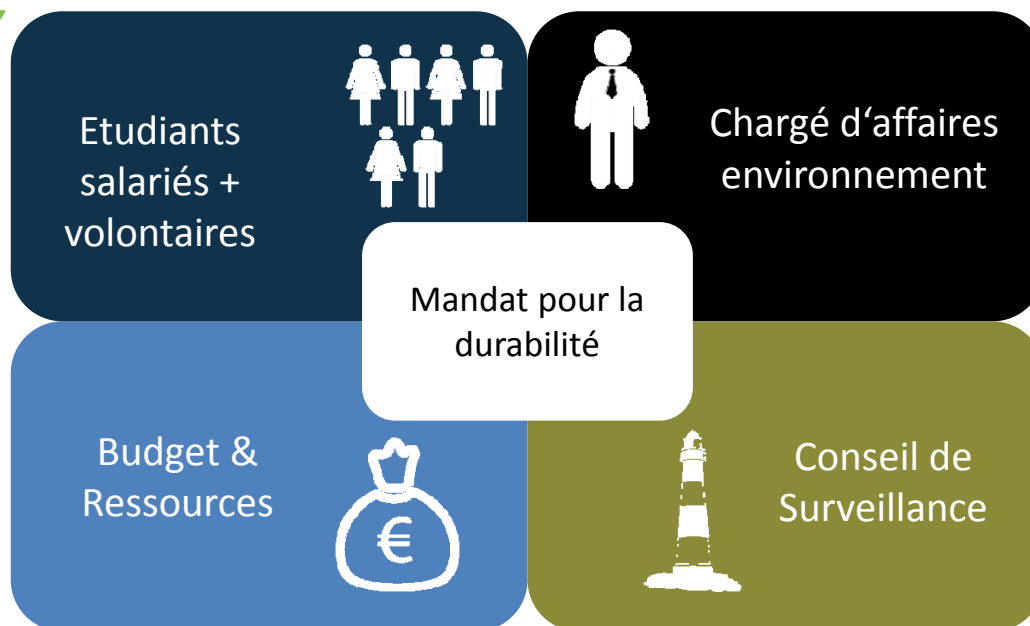


Presentations & Talks



Green Office Model





Enseignement



- *Green Office Academy*
- *Curriculum inventory*



Recherche

- *Living Lab Programme*
- *PhD*
- *Student Journal*

Governance

*Climate Action Report,
Vision & Roadmap*

- *Conferences*
- *Networking events*
- *Social media outreach*

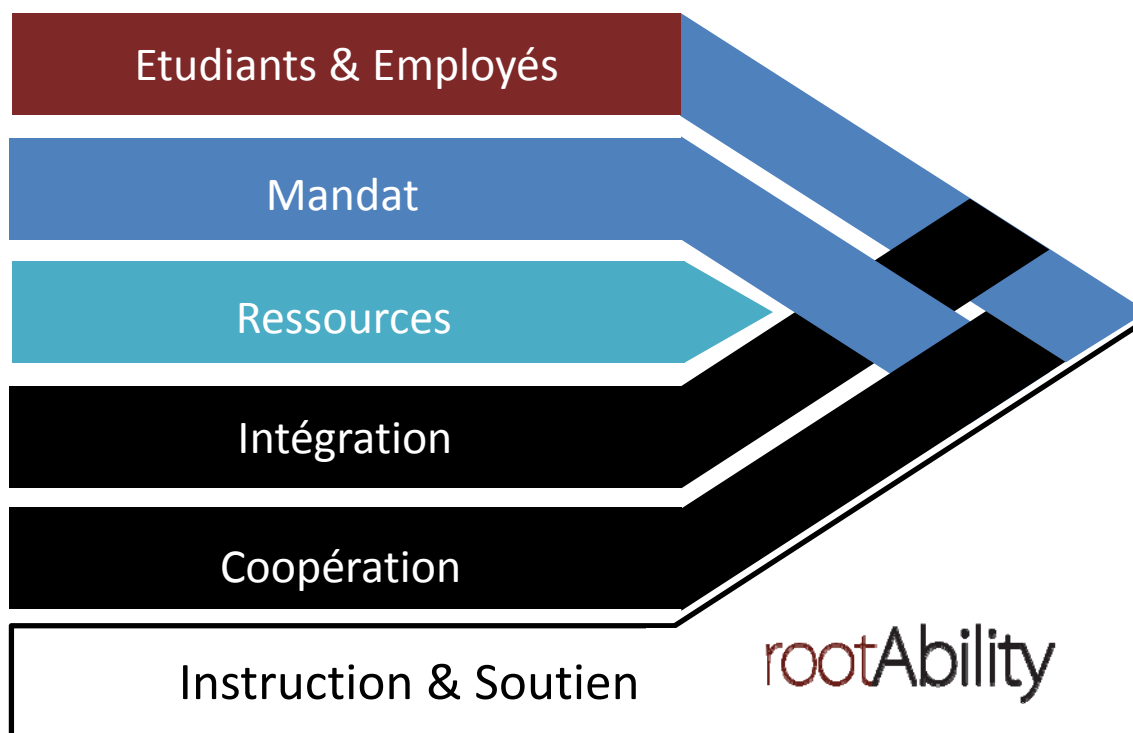
Communauté



Gestion du Campus

- *Renewable Energy*
- *Green IT Business Case*
- *Energy Efficiency Business Case*

Les Principes Green Office



MERCI À TOUS DES QUESTIONS ?

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