



www.UTduurzaam.nl

# UTDUURZAAM

*Infusing sustainability at the UT*



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## Welcome!

Welcome to UTduurzaam, the working group that wishes to contribute in a positive way to strengthening sustainability at the University of Twente. The group was established in February 2009 as a result of the decision to clear a wooded area for the new Drienerburgh Hotel [1]. After deliberations with the involved UT parties, there are now alternative plans whereby the hotel will be placed within the renovated Hogekamp building [2]. As a result, a valuable piece of green space on the campus will be spared. A result to be proud of!

Furthermore, an inventory of the UT's sustainability score has been developed. It was immediately clear that there are various areas for improvement. UTduurzaam wishes to commit to a sustainable, progressive UT, so that we can be proud to say:

*“the UT works toward sustainability”*

## Mission

Sustainability is societal theme that is becoming increasingly important. Since the end of the 80's we humans have been using more energy and space per year than the earth can actually provide [3]. Addressing this critical issue requires a forward-thinking vision in which solid, innovative solutions can be developed.

The UT wants to become an advanced innovative university that creates work from knowledge [4]. Thinking involves looking ahead. *Sustainability is then an ideal opportunity for the UT to profile itself.*

If the university seriously wants to work towards sustainability, it is important to make its campus and energy flows sustainable. *The advent of the Kennispark Twente is then the ideal opportunity for the UT to move towards sustainability.* The use of UT's own innovative knowledge and its deep respect for its unique green campus would then provide our society with

a concrete example of a sustainable community.

### Mission statement

*The UTduurzaam working group wishes to contribute constructively to a stronger movement towards sustainability at the University of Twente, so that the use of innovative solutions can make a substantial contribution to the larger societal issues of energy provision and livability on our planet.*

UTduurzaam would like to be proud of its university and sees it as a missed opportunity if the University of Twente does not work together with industry and government towards sustainability.

## A sustainable world

1. **Wind** energy is inexhaustible. Further innovations for the wider uptake of this technology are necessary.
2. **Sun** is the power of life. Its energy is unlimited. Power innovations are needed for more efficient solar panels, as well as storage and transmission of electricity.
3. **Water** is the source of life. Clean water is a basic requirement for people, plants and animals.
4. **Flora & Fauna** and the biodiversity to which they contribute are essential for the health of ecosystems upon which humans depend.



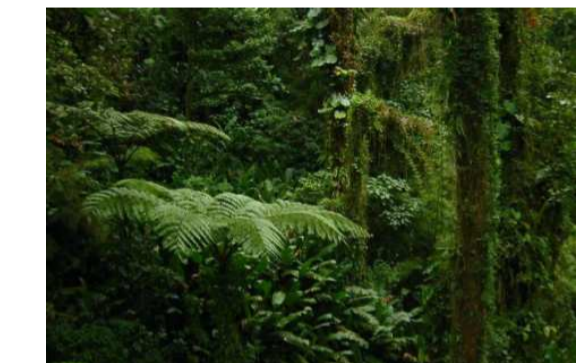
Wind



Sun



Water



Flora & Fauna

## Research

The UT is busy with the theme of **sustainable energy** as one of the spearheads of its research. **RoUTE'14** offers the opportunity to work in a multidisciplinary way.

The *UTduurzaam working group's* vision of a research strategy in light of **climate change**:

- Climate change demands **urgent** action. Therefore, we need innovative sustainable energy techniques that are realizable in the *short* term.
- Multidisciplinary research is needed on how society can make a transition to a sustainable environment, for example through large-scale **energy savings**.

## Activities & ambitions

- Think together with UT policy makers and Kennispark Twente on how a **sustainable innovative campus** can be realized with maximum preservation of green space on campus
- Stimulate UT research institutes to place more sustainable themes on their research agenda
- Survey students and employees on sustainability at the UT
- Work together with URaad parties

- Lectures together with student associations
- Recycled paper in all UT printers
- Make it possible for UT employees to have a savings plan at a sustainable bank
- A sustainable Batavierenrace & a climate-neutral Campuspop
- Join the national student sustainability network *Morgen* [5]

## Participate!

Sustainability issues and innovations that are aimed at addressing these issues are complex and affect all of society. The UTduurzaam working group is therefore attempting to be a UT-wide movement, including students as well as employees.

Do you have good ideas, want to know more or help out?

[www.UTduurzaam.nl](http://www.UTduurzaam.nl)

[1] [www.utnieuws.utwente.nl/new/?artikel\\_id=73373](http://www.utnieuws.utwente.nl/new/?artikel_id=73373)

[2] [www.utnieuws.utwente.nl/new/?artikel\\_id=74431](http://www.utnieuws.utwente.nl/new/?artikel_id=74431)

[3] Living Planet Report 2008 – World Wildlife Fund

[4] [www.utwente.nl/corporate/informatie/missiestatement.doc](http://www.utwente.nl/corporate/informatie/missiestatement.doc)

[5] [www.studentenvoormorgen.nl](http://www.studentenvoormorgen.nl)