

# UNIVERSITY OF TWENTE.

Sustainability Newsletter 05/2021



**Dear Sustainability Enthusiasts,**

this Newsletter Edition will give you insight into the Energy Transition minor with Jurriaan Schmitz, present you with the fun activity of micro-adventures, and give you the possibility to sign up for a Community Garden at the UT. And, on top of that, you will get the latest News about Sustainability and current events!

Stay tuned, enjoy reading, and tell your friends!

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## NEWS



SustainaBul

### **SustainaBul Best Practices 27th (Today!) & Awardshow 28th of May**

Studenten voor Morgen has been organizing the SustainaBul ranking since 2012, in which Dutch HBO and WO institutions are ranked on sustainability. On the 27th of May (today!) at 19:00 the "SustainaBul Best Practice winners 2021" will be announced (the UT EcoChallenge is already in the Top 5☐)! On the 28th from 13:00, a keynote from Hajar

Yagkoubi will be followed by the [Awardshow and Wrap-up](#) of this year's rankings from 14:00.

[News: SustainaBul Best Practices Event @Groene Pepper](#)



## Sustainability Series: Interactive Session 3rd of June

In this workshop, researchers **Cheryl de Boer** and **Johannes Flacke** from the PGM group, ITC faculty, will present a tool that allows local stakeholders to play around with the placement of renewable energy apparatus. The placement is an important subject and it is important to understand the perspectives of concerned citizens, researchers, and companies. The event will take place on June 3rd at 16:00.

[News: Sustainability Series Registration Form](#)



## Excursion: Discover Dragonflies 19th of June

Did you know that dragonfly eggs are smaller than a millimetre? The guide Wim Bakker will tell you interesting facts about the **65 species of dragonflies** and guide you to the most promising pools to photograph these dragonflies. Take your binoculars with you, or even better your camera! The excursion will start at 11:00 on June 19th at the parking lot at Langekampweg (UT).

[News: KNNV Excursion on June 19th](#)

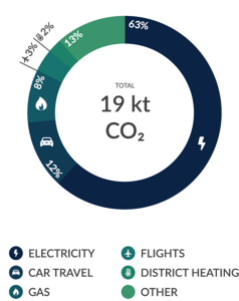


## Fairphone 3+ available for UT-employees

The Fairphone 3+ is now available for UT employees. **The Fairphone is a phone that is produced as sustainably and fairly as possible**, with consideration for both people and the environment. In addition, the device is designed to be easy to repair and to last a long time. The Fairphone has been extensively tested by LISA (and used by our coordinator since May last year) and meets all requirements in terms of safety and user-friendliness.

[News: Fairphone 3+ available in Service Portal LISA](#)

## Carbon Footprint Report published for 2020



The University of Twente strives to be CO<sub>2</sub> neutral by 2030 and realise a 15% reduction of CO<sub>2</sub> emissions by 2023 compared to 2020. Every year since 2014, the UT publishes a carbon footprint report. The CO<sub>2</sub> footprint calculates the greenhouse gas emissions resulting from the University's activities as well as from the products and services it acquires. UT has been calculating its CO<sub>2</sub> footprint since 2014 according to the greenhouse gas protocol.

[News: Carbon Footprint Report 2020](#)



## Construction work for 30km/h zone at UT started

Lansink Wegenbouw BV has been contracted by the University of Twente to make the campus a **safer and bicycle-friendly environment**. They will adapt the road layout so that it meets the guidelines of a 30 km zone, using **UT's CO<sub>2</sub>-depleting asphalt mixture** for the first time. From **Friday, 28 May onwards**, the main entrance will be closed to all motorised traffic; a diversion will be put in place via Bosweg.

[News: More information on the construction work](#)

## DRUM ROLLS FOR..."JURRIAN SCHMITZ"

This section presents different sustainability stakeholders at the UT, this time [Energy Transition Perspectives Minor](#) coordinator [Jurriaan Schmitz](#).

### Please, introduce your group!

"My name is Jurriaan Schmitz. I studied experimental physics in Amsterdam and after 8 years at Philips Research, I joined the UT in 2002 as a professor of semiconductor components. Starting this September, I will coordinate the new minor program which **treats the Energy Transition from the perspectives of UT's five faculties**. Each faculty will introduce their scientific knowledge base and their research goals related to the energy transition.

The minor starts with the global perspective (ITC). We will treat the present energy production and consumption across the globe and the issues that arise from it. The perspectives of the IPCC (the Intergovernmental Panel on Climate Change) will be brought forward.

We will then zoom in on the technical side of matters (EEMCS). An introduction to electrical power systems is complemented with off-grid systems and E-mobility systems, all in the context of the energy transition and electrification developments.

Afterward, the topics will be renewable energy technologies, in particular, thermodynamics involved in energy conversion processes (ET), energy storage technologies like hydrogen, (flow) batteries, supercapacitors, flywheels, and thermal

energy storage (S&T), as well as responsible management and sustainable development (BMS).

Change management and (your own) leadership play a crucial role in achieving sustainable development. Through workshops and the study of practical cases, the theory behind change management is brought to life."

### **Sustainable transformation is a long process, if you could make one change overnight, what would that be?**

"Part of my group's research deals with the energy efficiency and lifetime of electrical and electronic devices, such as microchips and solar panels. **Infinite-lifetime electronic products** would be game-changers in our production chain and consumption behavior. I hope to contribute to the development of such products."

### **And who gets nominated for the next edition?**

"[Dr.ir.Jim Kok](#), the Program Director of the MSc program Sustainable Energy Technologies."

(\*the interview was shortened, for the complete version please [contact us](#).)

## **GET CREATIVE: MICRO-ADVENTURES**

It is an interesting question to think about: whether or how do digital technologies change our relationship with nature? The fact that we spend a considerable amount of time at home during the COVID-19 pandemic might have increased the hours spent with technologies instead of getting outside. Although we have gained efficiency through technological advancement, we might have also "lost" time to technologies. It's true that time cannot actually get lost, but there are different levels of being conscious about it.

Hence, we want to present to you the fun activity of micro-adventures! Micro-adventures are affordable, short, (perhaps even overnight) outdoor adventures that refreshingly **(re-)connect you with nature!** They are about leaving daily routines for just a few hours and spend time **exploring new places** in and around your city. Especially regarding travel restrictions due to the global pandemic, micro-adventures allow you to free your mind and connect with nature right in your surroundings.

#digitalfasting #microadventures





This photo was taken by External Affairs & Communication Officer Fenja during her micro-adventure in Brandenburg (D).

## UPDATE: PROJECTS & COMMUNITY PORTFOLIO (GH) PLANS COMMUNITY GARDEN

Do you like to grow your own vegetables? Or do you want to learn to do it? [Green Hub Twente](#) (GH) and [Sustain](#) are planning to establish a **Community Garden on campus**, a place where you can start to connect with nature and other garden lovers! The garden would consist of several boxes where you can work in pairs to plant and care for vegetables. As part of the project, we hope to host a big "Harvest fest" where we eat some of our self-grown food together! No prior experience with gardening is required! We are working in pairs to help each other and to learn from one another. This project will end in fall at the end of the growing season. And if it is a success it will come back next year!

SIGN UP FOR A COMMUNITY GARDEN



Thanks for caring about the environment by staying tuned about sustainability at our University!

Yours, [Green Hub Twente](#)



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