

GREEN GUIDE DELFT

inspiration • activities • initiatives • shopping • dining

*Modern technology
owes ecology
an apology.*

– Alan M. Eddison

Colofon

This booklet is made by the covenant members of the Sustainability Community, Delft, a student initiative from the Delft University of Technology.

A digital version of this booklet will be spread around! Ask one of the Sustainability Community members where to find it.

If you would like to see something in the next edition of this booklet, please contact us via sustainability@tudelft.nl

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Delft, 2015.

Printed in the Netherlands, whilst trying to minimize environmental impact.

Published by Boom+Verweij, Mijdrecht.

Green Guide Delft

The Green Guide Delft wants to show you the bright side of life! In Delft, a city of technology with many bright minds, there is so much going on in the field of sustainability. The Green Guide Delft shows you projects, plans, tips & tricks, initiatives and activities that aim to make the world a better place, starting in Delft. Learn about the plans for the Green Office, see how the Green Village is going to look like or get to know the plans for Delft Solar City. Figure out where you can find some of the many second hand stores, or check out other sustainable shops and restaurants. In the back of this Guide you can find out which student initiatives are active.

Enjoy and be inspired!

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Green Office Delft

Our current way of life is deeply unsustainable: Humanity consumes the resources of 1.8 planets. If present trends continue, we will need three planets by 2050. Creating a socially desirable and economically viable human civilization flourishing within planetary boundaries is the primary challenge of our time, the call of action for our generation. The necessary changes will not come easy or through technical fixes alone. On the contrary they require deep transformations in the way we think, live, travel, eat, vote and work.

It is the responsibility of universities as public institutions to be the engines of local, national and global sustainability transitions: Universities should educate students as sustainability change agents, create new knowledge to inform these transitions, and reduce the ecological and social footprints of

running the organisation itself. Creating more sustainable universities requires dedicated change agents.

Students are oftentimes overlooked and side-lined within a university's sustainability efforts. This is a missed opportunity, given the energy and spirit of students, the learning opportunities that sustainability engagement presents and the sheer size of the student body as largest stakeholder group on campus. Yet for a large number of students to unleash their full potential as sustainability change agents, the institutional support, resources and legitimacy of universities and governments are required.

As a student-led and staff-supported sustainability hub, the Green Office Model presents an internationally recognized and open-source model to structurally empower students. The Green Office acts as a platform for students and staff

running sustainability initiatives, improves the communication around these initiatives, coordinates the development and implementation of the university's sustainability strategy, and provides new impulses to create a buzz around sustainability.

At present, the role students play in the initiation, communication, and coordination of policy, management, education strategies of the Universities is under utilized. They are often overlooked and not assimilated into the planning. This has resulted in the students, that even if interested, do not utilize their power to act as an agent of change and work towards a common vision of a sustainable university. By combining the students, through empowerment by the University, and the staff to work together towards a more sustainable university, this vision of a university that is truly sustainable in every sense of the word can be realized.

A solution can be the adaptation of the Green Office Model.

The TU Delft Sustainability Community is setting up a Green Office in Delft together with Chris Hellinga, the Sustainability Coordinator of TU Delft. If all works out according to current planning, the Green Office will be launched in the fall of 2015 at the TU Delft. If you want to know more on what the Green Office Model is, how it inspired a movement, and how this model can be adopted to energize and inspire the sustainability transition of TU Delft, please get in touch with us via sustainability@tudelft.nl

Welcome to the Green Village

'Creating a sustainable, lively and entrepreneurial environment where we discover, learn and show how to solve society's urgent challenges'. That is the Green Village vision. A vision we want to realize at the TU Delft campus.

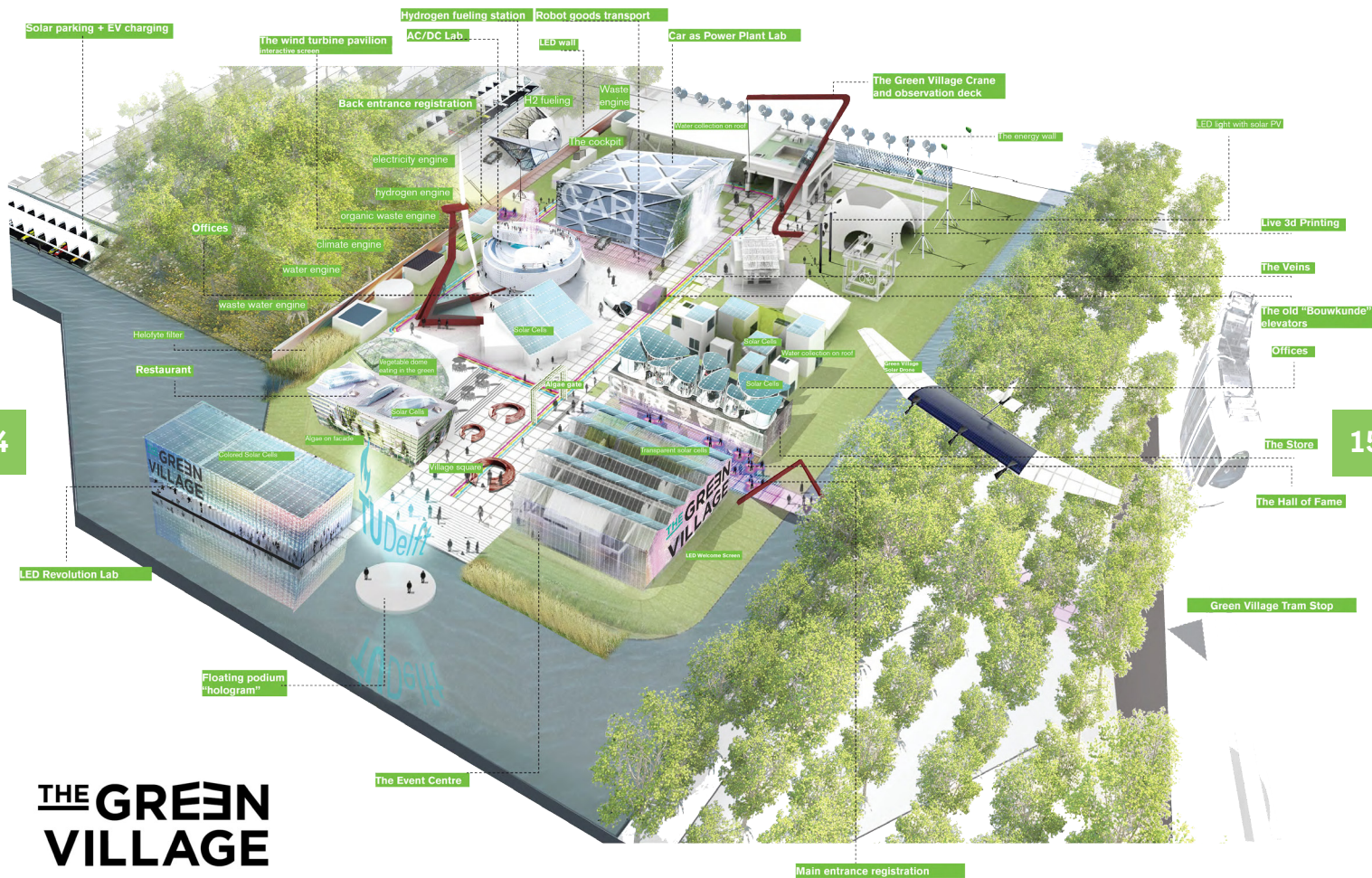
The Green Village will be a lively, green and visible place where scientists and students work together with entrepreneurs, innovators, professionals, artists, teachers and you to co-create innovative new products, services and solutions for a cleaner world. An area showing amazing technologies, products and systems that demonstrates how a sustainable and circular society could look like. You will become actively involved in the ongoing research and tests, could develop and make your own products or take part in co-creating new and innovative products or services.

In the Green Village we will build a Co-Creation area, engines and future labs, see our Master plan:

- In the Co-Creation area you will find a restaurant, event center and a store. This is the place to be, where you meet other people, get inspired, take part of the experiment and co-create new solutions.
- The Engines produce, recover, convert, distribute and store the necessary resources such as electricity, water, heating/cooling, waste water, solid waste, hydrogen to the Green Village. These Engines consist of 'lungs', 'veins' and a 'heart'. The lungs collect the resource, e.g. solar modules that collect solar energy. The veins are our infrastructure that distribute the resource, e.g. a smart DC electricity grid. And the heart converts, stores or processes the resource, e.g. a fuel cell that converts hydrogen into electricity.
- Last but not least we will build Future Labs, where we do research,

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THE GREEN VILLAGE

WWW.THEGREENVILLAGE.ORG

develop, test and demonstrate really paradigm changing systems. These Future labs are 'LED-revolution', 'AC-DC' and 'Car as Power Plant'.

In our Future Lab LED revolution we develop LED lighting systems integrated in products, furniture, carpets, walls, windows and even clothes. LED will create a smart environment as LED will be used as a screen that can show you information. But LED will be also used as a sensor, for communication and data transfer. And finally we make wind turbines invisible with LED's!

A DC (Direct Current) instead of an AC (Alternating Current) smart electricity grid will distribute the electricity throughout the Green Village, in buildings and on street level. Why DC? Because all appliances work on DC, solar modules produces DC and batteries in our electric cars needs to charge on DC. So we need a paradigm change for our electricity grid, from AC to DC.

The fuel cell car will be part of the Green Village, of course as a very clean and efficient way of transportation. But when parked the fuel cell in the car can produce very efficient electricity for houses, offices and the grid. One fuel cell car has the capacity to produce all the electricity for 100 houses.

These are really paradigm changing technologies and systems. But there are many more; producing your own drinking water from the rain and your fuel cell car, re-use your own plastic waste in your own 3D printer and produce fertilizer from your own urine.

Over 120 companies and organizations are already partner of the Green Village. Everyone is welcome, join us and together we develop and realize a bright future for us, our children, our grandchildren and beyond.

Ad van Wijk, April 2015

D:Dream: Nuna

Racing through the outback of Australia only on the power of the sun! Being one of the D:Dream teams, the Nuon Solar Team is a student run project with high ambitions. Their final goal is to win the World Solar Challenge 2015. This year will be the eighth time the team will participate in a race of 3000 kilometres through the outback of Australia from Darwin to Adelaide. The team consists of students from different engineering studies at Delft University of Technology. Every two years a new solar car is built, called Nuna. The team has

proven to be very successful by winning multiple World Solar Challenges. To be the fastest in this race the team works together with companies and the TU Delft to apply the newest technologies on Nuna. The combination of high-end technology, sustainable energy and the excitement of the race illustrates the Nuon Solar Team's vision perfectly: race to show the current possibilities with high-end technology and inspire towards a sustainable future in which durable energy is used in the most efficient way.

Besides Nuna, the TU Delft has more D:Dream teams. These competitive student projects try to build for example electric racecars (Formula Student Team Delft), the fastest hydrogen car (Forze), the most efficient one (EcoRunner) or a motorbike running on bio-ethanol (Novabike). Find out how you can contribute to these interesting projects!



image by Jorrit Lousberg

Shortsighted architecture, design with the present for the future

Is it time again to design for and with the local environment? By using local materials, local systems, local tradition and skills, local culture and local history, in short local resource, a group of Dutch students from TU Delft and young professionals created an inspiring project in Nicaragua.

Under the project name BAMBÚ SOCIAL they designed and built a model house of bamboo in the remote city of El Rama in Nicaragua. For seven months they cut, treated and built with bamboo, together with local students and craftsmen.

And they did more: a rainwater harvesting and purification system that provides clean drinking water for its users, and two courses in 'sustainable construction' and

'bamboo handicrafts' were supported and facilitated by the local municipality and university to ensure the sharing of knowledge and expertise. All in the project-team's philosophy of using local resources as the base for sustainable and affordable design solutions.

A beautifully illustrated Spanish manual and a design for a social home provide the seeds for the continuation of the improvement of social housing in El Rama.

For more information and projects like these, contact [Students4Sustainability!](#)



**"Create and share sustainable
design solutions with local
resources and have
fun doing it"**

Toss it? No way!

Not many of us repair our broken goods. We don't know how. We even do not know whether it would be generally possible. Even if we have a clue actually what could be the cause of the problem, we often lack the right tools when we need them.

BUT: There is help!

A repair café is a freely accessible meeting space where people gather to fix their broken objects, openly pooling their knowledge in the company of repair specialists.

Everyone can participate. You can bring something that needs repairing and try to figure out with experts if something can be done for it. In case you have nothing to repair but are interested into repair skills you can help out with other people's objects and learn new skills.

Participants work on repairing everything from toasters to sweaters. Together with

the specialists they start making their repairs in the Repair Café and it's an ongoing learning process. You wouldn't believe what can be repaired (or not) until you tried!

In Delft, the Repair Café meets on every first Saturday of the month at the Science Centre.

Contact:

Robbert Bloemberg

Science Centre

Mijnbouwstraat 120, Delft

www.repaircafedelft.nl



Weggooien? Mooi niet!



Delft's Botanical Garden

The Botanical Garden of the TU Delft is a public-oriented garden as well as a research garden. Together with the university gardens of Leiden and Utrecht, the Delft Garden participates in the scientific botanical network of the Netherlands. Delft particularly specialises in applied technological education and also in technological plant research.

The initial *raison d'être* for the Botanical Garden of the TU Delft was the technical-scientific research into the usefulness of plants. To this purpose plants were and are collected from all parts of the world. They are maintained and used for experimentation. Via the curator of the plant collection all knowledge gathered about the plants is organised into a scientific information system.

Initially the research was especially aimed

at improving the quality, increasing the yield, and discovering new applications of tropical products. Now the emphasis has changed, such as research into mangroves for maintaining coasts, the knowledge and development of a biological ultraviolet filter, and the method of harvesting precious plant substances without destroying the plant.

A relatively new task for the Botanical Garden has emerged from the 'Treaty regarding Biological Diversity', agreed



to during the UN conference of 1992 in Rio de Janeiro. This treaty was later augmented with the 'Global Strategy for Plant Conservation'. Botanical gardens worldwide, united in the BGCI (Botanic Gardens Conservation International) require hereby of themselves and each other, together, to bring into their collections 75% of threatened plant species.

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The Botanical Garden is situated on TU Campus, and has free entrance to students! A very nice place to visit and have a walk, just around the corner.

Visiting address: Poortlandplein 6, Delft

Postal address:

Julianalaan 67, 2628 BC Delft

Tel: 015 278 23 56

botanischetuin@tudelft.nl

botanischetuin.tudelft.nl



Milieudefensie Delft is the local department of the international organization Friends of the Earth international (www.foei.org). Milieudefensie wants to make Delft more environmentally friendly in a nice and playful way.

Waste of food has a high priority. The key message is: do not throw out food that is past its conservation date, trust your own senses. See, smell and taste. It is not just about products that are past their conservation date, but also about apples with a bad spot, a curvy cucumber or a broken package.

Since 2012, Milieudefensie Delft has organized 'Taste the Waste' dinners made out of products that otherwise would have been thrown out. In 2015 Taste the Waste had a pop-up restaurant, a workshop about conserving fruit and vegetables

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and a cooking contest for students.

Milieudefensie Delft has a broader view on 'food'. They also initiated the 'bee covenant' that was signed by the municipality of Delft (amongst others) in 2014, promising to act bee-friendly. After all, bees are essential for a healthy agriculture. In 2015 Milieudefensie Delft is bringing a course in 'humism', focusing on soil fertility.
Feel free to join!

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www.milieudefensie.nl/lokaal/delft
Delft@milieudefensie.nl
[@milieudefDelft](#)
[@TasteTheWaste](#)
Facebook Milieudefensie-Delft

What's really going on?

You know that guy who keeps asking you to watch this crazy documentary that's gonna change your life and the way you think about the world?
Yeah. That's us.

Studium Generale (SG) co-organizes over a hundred extracurricular academic activities every year. Many of them are sustainability related and devoted to broadening the mindscapes of students and staff in Delft. To get you thinking about what's going on in areas that you never thought you'd be interested in; but mostly, to get you thinking. What's really going on? How are you responsible? And what can you contribute?

Sometimes we'll make you angry about the way the world works, and other times we'll inspire you with visions and possibilities to change it. We've had a gripping exhibition on shipbreaking pollution on

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the beaches of Bangladesh; a debate on thorium reactors for 'clean' energy; and a lecture on making sustainable profit with your business. We've helped facilitate a permaculture garden for students, and sent excursions to the most sustainable construction site in the Netherlands, the Aardehuis.

Take a look on our website, sign up for the newsletter, and find out what events are coming up in the near future. And if there's nothing there that you like, then tell us what we're missing. There's a good chance that SG can make it happen in Delft.

sg.tudelft.nl
sg@tudelft.nl
Facebook



Fairtrade Delft: Think Global, act local!

Delft is now officially a Fairtrade Municipality! This means that there is a wide variety of shops offering Fairtrade goods. Moreover, there are plenty of restaurants, schools, companies, universities, churches and sports associations united that pay attention to fairtrade products. Fairtrade Delft of course wants to let the group of participants grow! Fairtrade Delft is run by volunteers and representatives of local institutions and companies. Become one too, or try to make your university/hogeschool a Fairtrade one!

www.delftfairtradegemeente.nl
post@fairtradedelft.nl
www.fairtradegemeenten.nl/fairtrade-hogescholen-en-universiteiten/
twitter: @FairtradeDelft
Facebook: FairtradeDelft

**FAIRTRADE
GEMEENTE**

Managing waste: a resource

With a population density of 488 people per km², the Netherlands is the most densely populated country of the European Union. This means that people learned early to cope with the goods before they turn into waste.

You can find second hand stores (kringloopwinkel) nearly everywhere. They can be very different in their set-up, from some selling household goods for a very low price to others focussing on furniture or more expensive vintage products. Most of them have their own website.

Also online there is a variety of platforms where you can get used items cheaply (e. g. marktplaats) or exchange or even share

goods (e. g. peerby).

If something needs repairing, once a month the local repair café hosts a session at the Science Centre, for a donation you can use their tools as well as get help to repair your goods.

Waste management in Delft is distributed across different competences. A general overview is provided by the municipality. While general waste is collected at the house, plastic, glass and paper is usually collected in recycling containers all across Delft, usually close to supermarkets and living complexes. A map with the collection points is provided by avalex, the waste treatment company in Delft.

- http://www.delft.nl/delften/Residents/Housing/Recycle_and_minimize
- <http://www.avalex.nl/locatie-containers>
- <http://repaircafedelft.nl/>
- <http://www.marktplaats.nl/>
- <https://www.peerby.com/>



Ruilkring Delft-Westland: Can you do it alone?

Ruilkring Delft-Westland is the local department of LETS (local exchange and trade system). Ruilkring is a non-profit network with approximately 100 members in Delft and Westland area.

Members of the Ruilkring offer and ask for products and service ranging from tutoring, car driving, bike repair, troubleshoot computer problems, cooking, gardening, cleaning, mending clothes, chores, etc. Members pay in 'Eentjes' (Ones), a symbolic valuta used within the community. See how you can participate, the more members the better!

www.ruilkringdelft-westland.nl
ruilkring@ruilkringdelft-westland.nl
Facebook: Ruilkring-Delft

How to make a vegetarian mushroom burger



250 g mushrooms - 100 g bread crumbles - 2 eggs - ½ onion - 3 spoons of flour - 1 spoon of fresh thyme - butter - 4 bread rolls - 50 g lettuce - salt - black pepper - *for 4 burgers*

A burger without meat? Yes it is possible, and tasty! You just need to chop mushrooms in small pieces. Of course clean them first (use a brush!). Mix the mushrooms with salt, pepper, 100 g of bread crumbles, chopped onion, thyme, eggs and flour; like a regular burger! Make flat burgers and cover them in bread crumbs. Now fry them for about 10 mins. Serve on a breadroll, to your liking with for example cheddar cheese, pickles and tomato. Enjoy!

Live sustainable: tips & tricks

We all want to make our life more sustainable, don't we? Here are some easy tips!

- Tune your radiator a couple of degrees less than usual during winter and put on an extra sweater instead. Just 1 degree will help reduce your heating bill by about 8%.
- Take showers over baths. A shower uses about 1/5 of the energy as taking a bath. Try to take shorter showers.
- Eat less meat, or not at all. Meat production is one of the main reasons for carbon emissions globally.
- Buy local if possible. Transportation burns fuel. Buy foods that are in season locally. This brings your greenhouse contribution down and usually the food tastes better too. Look up recipes with local food!



- Do you really need to print that? Do think twice, consider saving a file on your computer, in a flash drive or emailing it. And if you absolutely have to print then double-side printing is the way to go. Some printers have eco settings!
- Take the stairs as often as possible. Elevators consume electricity. You, on the other hand, do not.
- It might sound silly but water in Delft is perfectly safe to drink straight out of the taps so go for refilling your bottle than purchasing new bottles every time.
- Only do full loads of laundry or dishes and use the eco-cycle whenever possible.
- Try and making water-efficient choices when purchasing showerheads, faucet heads, toilets, dishwashers and washing machines. Or energy efficient choices when purchasing refrigerators, laptops, dishwashers, and driers.

"Going circular means finding opportunities by rethinking our current take-make-waste economy."

understanding of the concepts, strategies and technologies that enable a circular economy. We'll discuss opportunities and barriers in the transition towards a more circular system, and give you many examples and case studies along the way.

The Massive Open Online Course (MOOC) is created by the TU Delft in collaboration with the Ellen MacArthur Foundation and the Leiden-Delft-Erasmus Centre for Sustainability.

The course will be launched in october 2015. Register now on www.edx.org!

CircularX

THE CIRCULAR ECONOMY:
AN INTRODUCTION

WILL BE LAUNCHED IN OCTOBER 2015 > Register now at www.edX.org



Delft Solar City

From this summer onwards, the roofs of the city of Delft will turn blue, thanks to the Delft Solar City project. The project is a collaboration between Municipality of Delft, the Delft University of Technology and the new energy company Qurrent. The project is aimed at installing a great deal of solar panels on roofs of the university, student housing and companies all around Delft. Why? To promote sustainability and make it easy and attractive for private individuals, but also companies to invest in solar power.

Delft University of Technology will kick-start the project by installing around 10.000 m² of solar panels on its buildings in the summer of 2015. The project is in consultation with housing corporation DUWO to also cover on-campus student

housing with solar panels. The next step is to offer these panels as an investment opportunity to employees of the Delft University of Technology. If all goes well, in the middle of next year we can have 750 panels available to interested employees. In that way, the TU Delft will put some 40,000 m² of solar panels on campus roofs. The municipality is involved to make sure every citizen is able to enter into this project. The goal is to also put solar panels on municipal institutions and many other buildings in the city within the foreseeable future.

How it works? Thanks to government subsidy schemes investing in a solar panel on someone else's roof will result in a higher payback than putting your money in the bank. It takes little effort and is good for the environment and your wallet. You needn't have a solar panel on



your own roof but you can just subscribe to this project and invest in a solar power nonetheless. The new energy company Qurrent is a member of the organization and supports the project with their expertise on investments in sustainable energy.

It is good that Delft University of Technology and the city work together in Delft Solar City. At the Delft University of Technology there is much research on solar energy and it is important that we show each other what solar power can do. And let's be honest, what is nicer than seeing many Delft blue roofs?

Check out the project's website for more information and news updates:
www.delftsolarcity.nl



source: http://www.deweekkrant.nl/files/pdfarchief/DP1/20141210/DP1_GMTE-DP4_141210_1.pdf

SUSTAINABLE DINING & SHOPPING

Second Hand Stores

Vintage is the new retro! Why would you even think about buying new stuff when there are so many second hand stores in Delft? There is a wide variety of hidden gems waiting for you. You can find furniture, electronics, books and many more for perfect prices. Make sure to check the quality before you decide to buy something. Don't forget to practice your negotiation skills!

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Second Hand Stores

Flinstones

Giststraat 2-4
2611 PT Delft

Op-Nieuw

Poptahof Noord 1
2624 PV Delft

De Hoven

Papsouwselaan 119
2624 AK Delft

Terre des Hommes

Nieuwe Langendijk 33
2611 VH Delft

't Goede Doelenwinkeltje

Yperstraat 46
2611 SH Delft

Kringloopwinkel

Beestenmarkt 27
2611 GA Delft

Kringloopwinkel

Rotterdamseweg 404
2629 HH Delft

Boomkens

Raamstraat 80
2613 SG Delft

Second Story

Vrouwjattenland 25
2611 LB Delft

UsedProducts4Sale

Binnenwatersloot 24
2611 BK Delft

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Wereldwinkel



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De Wereldwinkel is a shop where you can find original gifts, jewelry, coffee and more. All products are fairtrade products made in development countries, with respect for human and nature. The shop is run by volunteers!

Choorstraat 21
015 - 2142823
www.wereldwinkeldelft.nl

Kek



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Kek, cosy cafe for great specialty coffee, a lazy breakfast or a delicious home-made & organic lunch. And this all surrounded by special en original designer gifts and wanna-haves.

Kek – Coffee & Crafts
Voldersgracht 27
2611 EV Delft

Wolbodo



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Every Tuesday, Wednesday and Thursday, people association Wolbodo offers delicious food and great company, for a small price. The Indonesian cook Mike prepares traditional Indonesian as well as Dutch food, starting at 6.30pm. A meal has three courses and coffee at the end, for only €5. Wolbodo offers a meat, vegetarian and vegan option and if you give a call (015 2121516) Mike can even take other diets into account. Should you plan to arrive with over 5 people, please also give a call! Verwersdijk 102-104.

Ekoplaza



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Organic supermarket with a coffee corner. Offers a wide range of products, including regional food and fairtrade goods.

Vrouwjutterland 33-35
2611 LB Delft
015 - 2140777
www.ekoplaza.nl

Burgerz



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Tasty burgerz in flavours you could have never thought of. Many vegetarian options, or take one of the meat burgers using meat from farms within a range of 100 kilometer. Don't forget to try the unique Dutch Weed Burger, made with sea weed!

Oude Delft 113-115
2611 BE Delft
0152123010
www.burgerz.nl

**DELFT
STUDENT
INITIATIVES**

Sustainability Community

sustainability@tudelft.nl

The Sustainability Community is an umbrella organisation that consists of all student led initiatives that are related to sustainability issues within the Technical University of Delft. Along with the aid of the University's facilities and faculty, who support our endeavours, we are creating a new and stronger common platform concerning sustainability related issues. Our main aim is to improve the sustainability of the TU Delft campus through the undertaking of sustainability related projects/programmes within the university, by supporting projects by students, staff and researchers.

In the following pages you shall read more of all our members and fellow student initiatives and organizations.

Energy Club

info@energyclub.nl

www.energyclub.nl

www.facebook.com/Energy.Club.TU Delft



The Delft Energy Club is led by six ambitious Master's students from the TU Delft.

It is a student run platform that was born out of a desire to act towards a sustainable energy society and facilitate the personal and professional development of students. Our main goal is to involve, empower and inspire students to become active professionals and entrepreneurs, accelerating the energy transition through their unleashed potential.

As an Energy platform, we offer you as a student the resources you require to become successful in the energy society of the future, connecting you with academics and industry professionals alike. You can join us in one of our exciting activities or approach us with your own unique ideas.

Students4Sustainability

info@students4sustainability.nl

www.students4sustainability.nl



Students4Sustainability is a foundation, which was set up by TU Delft students 7 years ago. We are convinced that the knowledge from TU students can help communities in developing countries all around the world to increase their stability and livelihood, and create profit and chances for local entrepreneurship. This is what we try to achieve with the projects S4S is involved in, that have a clear philosophy founded on sustainability according to the People-Planet-Profit-principle. If a project fits into our philosophy and meets the requirements, S4S offers project financing that is fully based on our donors. Next to that we also provide the necessary contacts and stay in touch with the projects, in the Netherlands as well as abroad.

Ecolution

ecolution@tudelft.nl

ecolution.tudelft.nl/

facebook.com/ecolution.delft



Ecolution offers all disciplines a platform to meet, share information and try and implement more integrated solutions. Supporting students to broaden their horizon is our main goal and we want you to develop and try out ideas that offer solutions to our complex problems.

By organising events such as excursions, workshops, lectures and supporting interdisciplinary projects on-campus, we want to make sustainability more graspable. With our events, we aim to highlight examples of smart solutions to questions of sustainability. Besides TU students, we also focus on and work together with students from Universiteit Leiden en Erasmus Universiteit Rotterdam.

Shift

communication@iesashift.nl



IESA SHIFT is the study association of the MSc Industrial Ecology at the Technical University of Delft and Leiden University. We aim to bring IE students closer to the academic and professional field of sustainability by organising workshops, excursions and other events with various firms, professionals, associations and networks. We also provide study support and additional course materials for all members to aid them in their studies and we organise various social events for IE students.

Climate City Campus

climatecitycampus@tudelft.nl



Climate City Campus (CCC) is a Delft Environment Initiative, which uses the TU Delft campus, a small city in its own right, as a living lab. It aims to deploy a network of sensors on campus and to apply crowdsourcing. CCC anticipates two major developments that will change the face of the earth in the coming decades: climate change and urbanisation. With these topics in mind, we provide a wide variety of project topics that students can work on, for example for their BSc Honours Programme!

SHS

info@shsdelft.nl

<http://www.shsdelft.nl/>



Stichting Herontwikkeling tot Studentenhuisvesting Delft (SHS Delft) is a foundation that engages in the redevelopment of vacant buildings such as offices into student accommodations. The foundation was founded in 2011 and is managed by four students of the TU Delft. SHS Delft is a non-profit organisation, which makes projects that were infeasible before much more attractive for both property owners as well as for users.

Passie Bestaande Woonomgeving

passiegroep@gmail.com



Passie Bestaande Woonomgeving is an initiative started in 2011 by Professor Anke van Hal. It is a network that brings students and professionals together who share a passion for the existing built environment. This environment faces huge challenges with regard to energy use and social separation. Passie Bestaande Woonomgeving provides a platform where students and professionals share their experiences in order to make the built environment sustainable and liveable.

The 'Passiegroep' organizes a variety of activities where students and professionals that work on solutions for the built environment can meet. Last years there has been lectures, workshops, excursions and a speed date session.

D-Exto

d-exto@tudelft.nl
www.d-exto.com



D-Exto is the Innovation Engine from the Delft Campus: TU Delft, INHolland and Haagse Hogeschool. We travel to different events and festivals with the flexible D-Exto pavilion to give student projects a platform to test and pilot their project in a real life setting. With the D-Exto pavilion we aim to raise awareness about sustainability amongst event and festival visitors in a fun and interactive way and develop new sustainable innovations together with the event and festival sector.

Join us and make your ideas come true!

Smart Campus

smartcampus@tudelft.nl



TU Delft aims to supply society with technological solutions that take us significantly further along the road towards sustainability and a flourishing economy (TU Delft vision statement). But how sustainable is TU Delft in practice?

To measure status on campus sustainability we consider 8 sustainability aspects:

Buildings - Water - Waste - Energy
Emissions - Liveability - Community -
Governance.

The purpose of a monitoring system is to transparently track TU Delft campus' progress towards a sustainable community. This project is currently looking for students to be picked up and pushed to the next level!

Vox Delft

voxdelft.com

facebook.com/groups/voxdelft



Thinking is critical, don't you think? Are humans better than ants? Should we be bored more? Should we let computers rule? You already open up, think differently, on your own, when you're not asked to think along a neatly paved road. VOX Delft is simply a place where we do it together. Listen to and discuss democratically chosen subjects, from philosophy to technology and society, in an organic setting. Make peace with this planet sized social experiment always being a work in progress, and check our assumptions along the way! Whether you have opinions, questions, or just an open mind, come share and enjoy food for thought! Free in every sense of the word, join on any Tuesday at 7PM in the TU library. With a movie screening and discussion once a month!

Aeolus

info@ase-aeolus.com

https://ase-aeolus.com/

facebook.com/ASEAeolus



Aeolus is the student association of the European Wind Energy Master (EWEM), a master study coordinated between four universities in the Netherlands, Denmark, Germany and Norway. Aeolus was founded to help students connect with the industry and vice versa whilst also providing ways to enrich the student's experience. Aeolus organises educational and career-oriented events such as company visits, study cases and guest lectures. Since EWEM is divided into four specialisations (Wind Physics, Rotor Design, Electric Power Systems and Offshore Engineering), topics of our guest lectures are also relevant for many other master studies. Aeolus believes that the exchange of ideas inside the sustainability community is important for driving energy innovation both on campus and beyond.

Circular Delft

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www.circulardelft.nl

facebook.com/circulardelft



At Circular Delft, our goal is to inspire, inform and facilitate students in incorporating Circular Economy and Circular Design into their studies. To do so, we have developed an online platform: www.circulardelft.nl.

On our platform, you can find everything from cool events to internship opportunities or an overview of the research being done on Circular Economies. Additionally, we organize activities for students to inspire and inform them about Circular. Basically, we're the place to go if CE inspires you or even if you're just curious as to what it is.

Centre for Sustainability

www.centre-for-sustainability.nl/

With 1500 inhabitants per square kilometre in Randstad (compared to 430 inhabitants per square kilometres in the whole of Netherlands), the urban agglomeration offers many challenges but also great potential concerning sustainability. The Centre for Sustainability is a joint multidisciplinary and open-innovation centre of Leiden University, Delft University of Technology and Erasmus University Rotterdam. With the focus on circular economy the centre assesses opportunities for the Centre for Sustainability aims to provide multidisciplinary cross university knowledge on the sustainable challenges, opportunities and solutions for resources and resource scarcity through fundamental and applied research.

