

# HZ GREEN OFFICE

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REPORT OCTOBER 2019 - OCTOBER 2020



Monique Jankowski from Doe Mee Verlos de Zee en HZ student investigate “nurdles” (plastic granules) on Nollestrand Vlissingen (pre Corona)

# HZ GREEN OFFICE

## REPORT OKTOBER 2019 – OKTOBER 2020

### Foreword

This report provides an extensive report of the HZ Green Office in its first year of establishment. To justify the quality funds, we talk about our organization and the countless activities and events that have taken place in the past year. Hopefully this will convince the reader that we have more than achieved our objective of promoting a “student community” and that we can count on funding from the quality funds in the coming year.

At the same time, with this report, we have provided a good first step toward gathering information for the [Sustainabul](#); a ranking in the field of sustainability among universities and university colleges in the Netherlands, in which the HZ intends to participate.

The Green Office has only just started. Last year we put a lot of energy into professionalizing our organization; a challenge giving the changing composition of participating students! The interest of the green office among our students is increasing and the green office is increasingly called upon by internal and external partners. Through the green office we see many opportunities for developing new knowledge in the form of living labs and attracting project funding. We hope to be able to focus more on that in the coming year.

The green office would not be so successful without the support of a number of key figures within the HZ, including Bert Schollema (project manager International Office), Joeri Versluis (head of educational development department), Martine van Ommen (team leader facilities), Pieter-Bart Visscher (project manager HZ Nexus), Liliane Geerling (senior researcher & lecturer Delta Management), Marieke Polinder (IB training coordinator), and many others. We are also grateful for the support we receive from the team of directors and the University Council. Of course, the most credit goes to our fantastic green office students, who make the HZ Green Office!

**INGRID DE VRIES**  
**PROJECTLEIDER HZ GREEN OFFICE**  
**11 DECEMBER 2020**  
**MIDDELBURG**

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***“Het Green Office has ensured that I have not quit my study at the HZ!”***

***Isabel Wiens, 3<sup>e</sup> year student IBL, during the opening speech of the Green Office on 10 Oct 2019***

***Isabel was – before she came in contact with the green office – planning to switch to another university, because her study program at the HZ paid too little attention to sustainability.***



## The HZ Green Office

The HZ Green Office was officially launched on October 10, 2019, the annual “[Day of Sustainability Education](#)”. A total of 23 higher education institutions in the Netherlands have a green office, and 52 green offices are active worldwide.

The HZ Green Office is managed by a core team consisting of a group of students. As much diversity as possible is pursued in terms of education, cultural background and gender. The core team is supported by an employee who serves as the green office coordinator. In the autumn of 2019, the core team set the following mission:

The HZ Green Office is managed by a core team consisting of a group of students.

1. *“Our aim is to be the facilitating body in **connecting people with sustainability** by strengthening our student community around action-based initiatives that generate a positive impact and inspire others.*
2. *The HZ Green Office aspires to become a **living lab** that encourages its diverse student body by design to be the sustainability leaders of tomorrow.”*

The HZ green office focuses on strengthening the “student community” by organizing activities and by developing a learning community around various sustainability themes.

*Our goals are:*

- *Strengthen our shared values by **cultivating the local sustainability community** and connecting people not only in Zeeland, but also throughout the Netherlands and globally*
- ***Walk the talk**: HZ GO! stimulates internal stakeholders to act as role models*
- *Aid the HZ University of Applied Sciences **incorporating the SDG’s**; the UN’s Sustainable Development Goals*
- ***Offer students a meaningful and practical experience** through our projects and activities*

The Green Office is a dynamic and flexible organization. She responds to developments in society and what is going on in the community. Its primary objective is to develop a “student community” around the theme of sustainability. During the past year, the Green Office has played an important role in this. During the Corona crisis, the green office organized many small-scale outdoor activities as a welcome change from all the online lessons.

In addition to the events, we work with multidisciplinary student teams on various projects aimed at making HZ and its surroundings more sustainable. The green office fulfils a motivating, advising and supporting role for HZ in achieving its sustainability objectives.

The reputation of the green office is growing, both among foreign and Dutch students. The participation of students from the different domains is also more evenly distributed than a year ago.

## Organization

The core team has grown over the past year and currently consists of about 12 to 15 highly motivated students. Ideally, these students are associated with the green office for a longer period of time, so that the knowledge and experience acquired within the core team is retained. These students find it valuable to be a member of the core team; it enables them to develop their professional skills and to act as a “change maker”.

On the photo from left to right:

- Ingrid de Vries - *Project leader HZ Green Office*
- Daniela Lazari - Communications manager, 1<sup>st</sup> year Chemie
- Cindy de Visser - Events manager, 3<sup>rd</sup> year Social Work
- Yana Hadzhigeorgieva - Coordinator HZ Green Office & Project Manager SDG Accelerator
- Svetlana Vylkova - Social Media manager, 4<sup>th</sup> year IB
- Andrea Kiss - Project Leader Waste Management, 4<sup>th</sup> year Civiele Techniek
- Jan Flechner - Intern, 3<sup>rd</sup> year Delta Management
- Marchiano Hijmans - Secretary, 2<sup>nd</sup> year Finance & Control
- Stefan Stadler - Treasurer, 2<sup>nd</sup> year Finance & Control



A part of the core team of the HZ Green Office, Nov 2020

The core team meets twice a week, at fixed times. The meetings are public; every student can participate in the meetings of the green office. Almost every week, new students attend one or more meetings of the green office to get to know the organization and the activities and projects of the green office, after which they participate in various activities.

Other core members that are not in the photo are (former core members in italics):

- Lorenzo Somai - Project leader Cleanups & Monitoring Sep 2020-present, 4<sup>th</sup> year Water Management
- Louis Johnston - Project Leader Student Garden, 4<sup>th</sup> year Water Management
- Saartje Mol - Student Garden, 3<sup>rd</sup> year Social Work
- Izuchukwu Ajaero - Cleanups - 1<sup>st</sup> year Industrial Engineering & Management
- Carmel Michaeli - 1<sup>st</sup> year Water Management
- Mirela Minkova - 1<sup>st</sup> year Chemie
- Doniak Uzunova - 1<sup>st</sup> year Chemie
- Abigail Gongora - intern waste management HZ, exchange student
- Pjotr Karelse - *Project leader Cleanups & Monitoring May-Sep 2020, 4<sup>th</sup> year Water Management*
- Rebecca Hart - *Management Assistant Jan-Dec 2019, 4<sup>th</sup> year IB*
- Shalyn Perko - *Social Media Manager Jan-Dec 2019, 2<sup>nd</sup> year Industrial Engineering & Management*
- Alexander Dubson - *chair Green Office Jan-Dec 2019, 2<sup>nd</sup> year Industrial Engineering & Management*
- Isabel Wiens - *Project Leader Food Jan-Dec 2019, 4<sup>th</sup> year IBL*
- Aislinn Mahoney – *Project leader Mobility Jan-Dec 2019, 2<sup>nd</sup> year IB*
- Pascal Benz - *Feb-June 2020, 4<sup>th</sup> year IB*
- Anton Hahnewald - *Waste Management team Feb-June 2020, 4<sup>th</sup> year IB*

Since autumn 2020, Yana Hadzhigeorgieva has acted as coordinator of the Green Office. Yana takes excellent care of the daily coordination and is a real “people’s manager”. Yana also works as a project manager on the “SDG Accelerator” - project, which provides a nice synergy between the green office and the SDGs. Yana’s support gives Ingrid de Vries more space to focus on the substantive management and development of the projects.

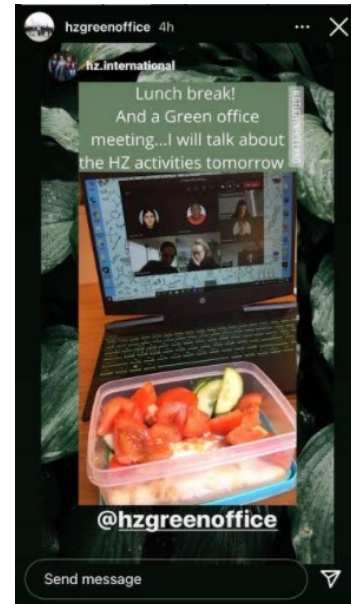
Since the installation of a “Social Media team” (Svetlana Vylkova, Jan Flechner and Daniela Lazari) in the spring of 2020, our visibility and communication has greatly improved. Other functions, such as the role of treasurer, are also being increasingly better filled and new people are being trained by the old guard.

The HZ Green Office originated from the bottom up; even before the official launch of the Green Office, work was done on certain sustainability projects and events within HZ and its local environment. The official launch and the accompanying budget allocation have given an enormous impulse to the development of the green office. The Green Office receives many requests from both internal and external partners for involvement and support of projects and events and the added value of the green office is clearly seen. In the past year, the existing projects and events have been given more structure and continuity and new projects have been added, such as the CO2 measurement, the Go About bicycle sharing project and the citizen science research on plastic waste.

The HZ Green Office is in fact a start-up organization; in the past year, the emphasis has therefore been on the further professionalization of the organization; students are trained as professionals and gradually take on more tasks and responsibilities. Much attention has been paid to increasing visibility via “social media”.

*Since the COVID19 period, more emphasis has been placed on organizing outdoor activities.*

These appear to have enormous added value in terms of the need to be able to physically meet each other in the healthy outdoor air as a variety of all online lessons.



## Partners

Since the official launch in October 2019, the HZ Green Office has been “supported” within the organization. The Green Office works together with the support departments, such as the Facilities Service, HZ Nexus, the International Office, HZ Cult, HZ Sport and Marketing. The Green Office is known by most lectureships and expertise centres, and collaborates with a number of them.

Because in the initial phase of its existence, mainly the economic and technical courses were strongly represented within the Green Office, during the past year efforts were made to increase awareness within the social domain. This is bearing fruit; since the summer of 2020, more and more students from the social domain are gradually participating in activities.

The HZ Green Office has many external partners, such as the Zeeland Province, the Zeeland Library, the Zeeland Environmental Federation, the Municipality of Vlissingen. Speelhof Hoogerzael, Rijkswaterstaat, Doe Mee Verlos de Zee, the Veere Beach Exploitation Foundation, the Centree Foundation, the international organization KIMO (Fishing for Liiter)., The Zeeland Sustainable Mobility Foundation, AddVision and other parties within DOK41, APV Housing and the Cycle Hub.

The HZ Green Office is a member organization of Studenten voor Morgen, an umbrella organization that connects and supports all green offices in the Netherlands. She is also a member organization of the Green Office Movement<sup>1</sup>, which connects the international green offices spread all over the world. We work together

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<sup>1</sup> In March 2020, the Green Office Movement merged with SOS: Students Organizing for Sustainability International and is now also connected with the National Union of Students (NUS) in the UK, and the Danish Student Union (DFS). “The goal of SOS is to convene student-led networks and organisations to amplify student-led change for sustainability worldwide.”

with Green Office Avans, with Eleanor Green Office UCR and Green Office Scalda; for knowledge exchange, promotion of each other's events and initiatives, such as a series of lectures on the Zeeland energy transition, a petition for a fossil-free pension fund and promotion of sustainable shops and growers among students.

## Student participation and visibility

An ever-growing group of students is participating in activities, projects and events organized by the green office, often in collaboration with other parties.

*Participation can be linked to credits, such as HZ Personality, an assignment for a specific course, a project week, or in the form of an internship.*

*It also regularly happens that students participate on a **voluntary basis** in activities or contribute ideas within Green Office projects, because they want to learn more about certain sustainability issues and want to make a difference.*

The green office offers students excellent opportunities to work on the 21<sup>st</sup> Century Skills, which are central to HZ Personality. The diagram on the right shows these so-called 21<sup>st</sup> skills.



In addition to developing skills, another important factor in participating in green office activities is that many students are looking for *meaning*; the green office offers students the opportunity to work on *positive changes in their immediate environment*, together with other people from different backgrounds.

The number of participants in activities and events organized by the green office itself in the period Oct 2019 – Oct 2020 is estimated to be around 300 students. Because the green office also plays a central role in communication about events and projects organized by other parties, both inside and outside HZ, the actual participation and our reach is many times higher. We are also increasingly asked to provide guest lessons. And through our social media channels we reach many students and other parties, even secondary schools<sup>2</sup>.

The Green Office not only attracts students who would like to do a little more during their education, it also appears to be attractive to students who are struggling with mental challenges and study delay. Without actually focusing on this, but by paying attention to certain feelings for a moment and by engaging in meaningful and socially relevant activities together with other, the Green Office often brings this last group of students back on their feet!



*The Green Office gives students a strong “sense of belonging”; being part of a student community that engages in meaningful projects and organizing community-based social activities where they can dialogue on how they can together build their sustainable futures.*

<sup>2</sup> On October 28 2020 the green office received the following message from the CSW Vrijeschool in Vlissingen: “We too want to contribute to improving the environment. That is why we would like to organize a clean-up campaign on the beach of Vlissingen on Wednesday 11 November with 24 students from the second year of mavo-havo-vwo. Can you support us in this?”



## Working for HZ Green Office - wherever in the world you are physically based

Blog written by Anton Hahnewald and Pascal Benz

The Green Office at HZ University of Applied Sciences provides initiatives which shed light on local and global issues regarding sustainability. We would like to share how we, two 2nd year exchange students in International Business from Germany, first got involved with the HZ Green Office and steps we can all take to go further and greener.

Before arriving in Vlissingen, neither of us were very aware of measures we could take to be sustainable and environmentally friendly. We separated our waste as best we could and used the bins in parks for our rubbish, but that was as far as our awareness took us.

Our first person of contact at the HZ was Ingrid de Vries, the HZ Green Office coordinator and our lecturer for the Sustainable Practice course. During the course, we studied how to create a company with sustainable objectives and how organizations can be made greener. We were able to then apply this knowledge to our everyday lives, either at the university or at our student house.

During the semester, we worked on the HZ Waste Separation project and the APV campus reusable bags scheme. The idea was that these projects were to be taken over and continued by the HZ Green Office and so, we were introduced to the work and members of the HZ Green Office. Exactly during this time our view on sustainability changed, especially regarding the environmental impact that each of us has. We realized that nearly everything we do in our daily life has an impact on our environment and this made us want to start acting in a more sustainable way. Looking back on this development we are quite sure that the lessons we had in sustainable practice were one of the main reasons for our thinking to change, as we were made aware of how small changes made by an individual can have a big impact if everyone does it; in your personal life as well as an employee working for a company or a non-profit organisation.

Following this realisation, we decided to join the HZ Green Office to support the continuation of the projects we had started. We were also participating in other projects, such as sharing sustainability news and ideas via social media, developing the Student Garden and improving the waste separation at the student campus. We participated in the weekly meetings that took place online due to the corona pandemic, and contributed with our own ideas. Working in a team of students from different programmes and cultural background made being a member of the green office a great experience. You learn a lot from one another.

After leaving the Netherlands, we are still attending the weekly online meetings and participate in the work of the HZ Green Office as best as we can. It makes no difference where you are as long as you are willing to support the Green Office. Andrea, located in Hungary, currently successfully leads the HZ waste separation team, working together with her team consisting of a combination of locally based students and students like us supporting from abroad.

If you are interested in creating sustainability in both daily and organizational processes, even if you are not sure about it, feel free to contact one of the Green Office members. We would love you to become part of our wonderful, open minded team. Feel free to contact us to find out how you can earn study credits whilst contributing to a more sustainable society!

Instagram



[greenoffice@hz.nl](mailto:greenoffice@hz.nl)



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

## Events

The Green Office fulfils a pivotal role in the transmission of information regarding events and activities related to sustainable development to students of HZ. In addition to the events that the green office itself organizes, it also supports events and educational activities organized by other parties, both within the HZ and beyond. The table below provides an overview of the events that the Green Office itself or together with others organized in the period Oct 2019-Okt 2020.

|            |  |   |
|------------|--|---|
| 2020-11-30 | Planting Session                                     | Healthy and social outside activity! We will put little plants and flower bulbs in the garden, have a good time, and earn HZ Personality!<br>Come Monday the 30th of Nov, 10h at the Student Garden (Joost de Moorstraat 21)<br>Stay tuned to our website or Instagram page for updates.  |
| 2020-11-27 | <a href="#">Plogging Event</a>                       | Hello everyone!<br>On Friday (the 27th of November), the HZ Green Office will organize a clean-up at the canal.<br>This is a Corona proof activity outdoors and will help you charge mentally and physically, as we head into the darkest hours of the year.<br>● We will meet at 't Smoske in Vlissingen at 12:00.<br>The activity is linked to HZ personality   |
| 2020-11-25 | <a href="#">Green Office Online Summit</a>           | GO Summit is an event from the Global Green Office movement where Green Offices from around the world gather to discuss important issues and challenges of operating a green office in the times of Covid-19.<br>Since we haven't had a physical summit in a while, we will make this year's online summit something special!   |
| 2020-11-24 | Workshop Vergroenen en Ontsteden                     | Presentation of the interim ideas and results by the minor BFF students to stakeholders (including the HZ Green Office), followed by a workshop   |
| 2020-11-23 | Webinar TNO Plastic Recycling                        | DON'T WASTE IT - SOLVING THE DARK SIDE OF TODAY'S PLASTIC<br><a href="https://www.tno.nl/nl/over-tno/agenda/2020/webinar-plastic-recycling-23-november/">https://www.tno.nl/nl/over-tno/agenda/2020/webinar-plastic-recycling-23-november/</a>  |
| 2020-11-16 | <a href="#">Planting session</a>                     | Planting Session!<br>Healthy and social outside activity! We will plant some plants, have a good time, and earn HZ Personality!<br>Join us 16th of Nov, 9.30-12.30h at the Student Garden (Joost de Moorstraat 21).<br>[If the weather is not good, the event will be postponed to the 20th of November].<br>Stay tuned to our website or Instagram page.   |
| 2020-11-14 | Contact Fair Stichting Strandexploitatie Veere (SSV) | Contact fair of SSV with different beach pavilion owners, policy makers and other collaborating parties of SSV, where the Green Office represents HZ, together with HZ Nexus and the Centre of Expertise Biobased Economy.  |
| 2020-11-13 | <a href="#">Plogging Event</a>                       | On Friday (13 Nov), the HZ Green Office will organize a clean-up at the canal.<br>This is a Corona proof activity outdoors and will help you charge mentally and physically, as we head into the darkest hours of the year.<br>● We will meet at HZ in Middelburg and at 't Smoske in Vlissingen at 10:00 (go to whichever location suits you better). The activity is linked to HZ personality.<br>🏆 The team that crosses the halfway mark first wins! We look forward to seeing you all there! |
| 2020-11-02 | <a href="#">Planting Session!</a>                    | Planting Session!<br>Healthy and social outside activity! We will plant some plants, have good time and earn HZ Personality!<br>Join us 2 Nov (Monday) 9.30-12.30h at the Student Garden (Joost de Moorstraat 21).  |

|            |   |   |
|------------|---|---|
| 2020-11-02 | Corona Proof Clothes Swap   |   |
| 2020-11-01 | World Vegan Day   | Instagram Sensation: Ms. Lotte Hendriks is a Researcher for Professorship Healthy Region and Lecturer Tourism Management at HZ. She took over the HZ Green Office Instagram page for the World Vegan Day. Besides sharing her story, vegan recipes and products, she emphasized the benefits of a vegan diet. Students involved also in a Q&A session, where Lotte Hendriks gladly answered. Viewers could follow her day fully: her story, her cooking and recipes sharing, and her tips on purchasing local produce. Her stories received between 145 and 116 views and some users engaged in conversation, by commenting on her post and asking questions at the end. Overall, her interactive content was well-targeted to students, the main audience of the HZ Green Office. She showed affordable and nutritious meals that would be perfect for students. |
| 2020-10-22 | <a href="#">Monitoring Binnenhaven Vlissingen</a>                           | Citizen Science project - Monitoring Binnenhaven Vlissingen, 22 October, start 10h 't Smoske  |
| 2020-10-21 | <a href="#">Cleanup Binnenhaven Vlissingen</a>                              | Citizen Science project - Cleanup Binnenhaven Vlissingen, 21 October, start 10h 't Smoske   |
| 2020-10-15 | Visit to Cycle Hub  | Visit Cycle Hub for GoAbout project   |
| 2020-10-09 | <a href="#">Plant workshop</a>  | A plant workshop means that we are going to multiply plants by growing from cuttings.<br>Where? In the PE2 hallway, HZ Vlissingen.<br>When? 09 Oct 12 pm.   |
| 2020-10-09 | <a href="#">Green Office Outdoor Drinks: every Friday</a>                   | HZ Green Office is organising an Outdoor Drink at the APV garden: every Friday when the weather forecast is good, starting at 15h. Come and join us and hear everything about the Green Office activities. We usually combine the drink with some workshops and working on our projects. Want to come? You can link this activity to HZ Personality.  |
| 2020-10-09 | <a href="#">Monitoring Binnenhaven Vlissingen</a>                           | Citizen Science project - Monitoring litter found in Binnenhaven Vlissingen, 9 October, start 10h 't Smoske   |
| 2020-10-08 | <a href="#">Cleanup Binnenhaven Vlissingen</a>                              | Citizen science project: Cleanup Binnenhaven Vlissingen, 8 October, start 10h 't Smoske   |
| 2020-09-19 | <a href="#">World Cleanup Day</a>   | During World Cleanup Day, we are organising a cleaning & monitoring on 5 locations during the national cleanup day organised all around the Netherlands.<br>-> the cleanups can be linked to HZ Personality. Interested? just come or contact Lorenzo.somai@hz.nl or greenoffice@hz.nl  |
| 2020-09-17 | <a href="#">Uitnodiging VSK Inspiratiesessie Zeeland Zero E Missie 2050</a> | AddVision is looking for students to represent the young generation. We need you to ask critical questions of the companies that will be attending September 17 <sup>th</sup> . The companies will brainstorm with each other and with you about how they can achieve zero emissions in 2050. It is mainly companies in the heavy industry participate in the session. You can earn HZ Personality points for this activity.  |
| 2020-09-04 | Kick-off for Student Companies  | Introducing the Student companies the GO and the SDGs goals   |
| 2020-09-02 | GO Movement 10-year anniversary   | What a journey! Since the launch of the first Green Office in 2010, over 50 Green Offices were launched in 9 countries - across Europe and beyond 🌍👥<br>Learn about this exciting journey and shape the next steps of the movement during our 10-year anniversary event!<br>We will celebrate and review the major milestones and achievements so far, explore how the movement can continue evolving, and launch our new communications platform.<br>It will be a fun, interactive online event, including a quiz, short contributions by sustainability experts and partners, storytelling, and a collective envisioning exercise in small groups.  |
| 2020-09-02 | "Vergroenen en ontstenen"   | work/thinking/inspiration session "greening and destoning": kick off minor BFF with internal stakeholders (incl. HZ Green Office)   |

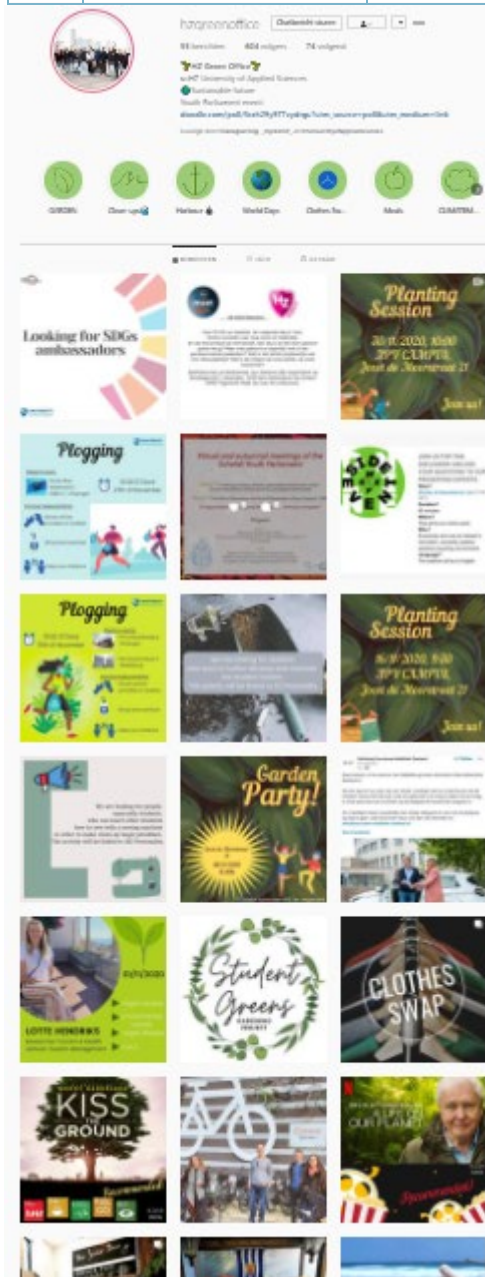
|            |   |  |
|------------|---|--|
| 2020-08-28 | HZ Green Office Kick Off                  | Dear HZ students, we are the HZ Green Office and we are looking for you!<br>Our office is seeking new board members which are ready to take the responsibility of making our university and community a better place. Currently we are having members from the economics and tourism academy, but we would like to have members from the social programs too. As part of the Green Office board, you will participate in weekly meetings, important decision making, fun and sustainable activities and events organization.<br>And not to forget being a part of the HZ GO board comes with a reward of earning free ECT's or a voluntary compensation of 2,50 euros/hour.<br>Interested? Join us Friday on our meeting or contact us at <a href="mailto:greenoffice@hz.nl">greenoffice@hz.nl</a> |
| 2020-07-09 | Garbage Monitoring                        | Monitoring waste inner harbor, commissioned by the municipality of Vlissingen for the national benchmark of litter.  |
| 2020-07-08 | Harbour CleanUp of BinnenhavenVlissingen  | Collection of waste for monitoring research of waste in the inner harbour, commissioned by the municipality of Vlissingen  |
| 2020-07-08 | Gardening + Informal Drinks               | The HZ Green Office will be doing some gardening at 19:00 tomorrow which will then turn into an informal drinks evening at around 20:00.<br>Same rules as last time:<br>1. Bring a snack and drink you like, but bring more so that you can share it.<br>2. Bring your own cup, for hygiene's sake and<br>3. Do not break Corona law!<br>We hope to see you there.   |
| 2020-07-02 | Garbage Monitoring                        | Monitoring waste inner harbour, commissioned by the municipality of Vlissingen for the national benchmark of litter  |
| 2020-07-01 | Harbour Clean-up of BinnenhavenVlissingen | Collection of waste for monitoring research of waste in the inner harbour, commissioned by the municipality of Vlissingen  |
| 2020-07-01 | Green Office borrel Student Garden        | The HZ Green Office is hosting a „Borrel“ open to everyone (teachers and students) outside the APV Campus (Campus de Ruyter on Joost de Moorstraat 21)<br><b>IMPORTANT!</b><br>1. Bring your own cups, and<br>2. 1.5-meter rule still applies<br>Hope to see you there   |
| 2020-06-25 | Gastlezing Rotary Goes-Reimerswaal        | Yana and Ingrid present the HZ Green Office at the Rotary Goes-Reimerswaal in restaurant De Vroone in Kapelle  |
| 2020-06-16 | Harbour CleanUp of BinnenhavenVlissingen  | Collection of waste for monitoring research of waste in the inner harbour, commissioned by the municipality of Vlissingen  |
| 2020-05-27 | Buitenhaven clean-up                      | These are weird times, but together we can enjoy doing this clean-up together, as well as the fresh air, while also making sure the appropriate measures will be taken to stay safe!<br>Gemeente Vlissingen will hand out gloves and safety vests for you to wear, and it is advised to bring your own hand sanitizer. Please make sure to keep your distance (1,5 meters) at all times.<br>We will gather in front of 't Smoske (Prins Hendrikweg 6) at 9:45 hrs and go by bike to the Buitenhaven all together from there. The clean-up itself is planned from 10:00 hrs until 13:00 hrs, so bring a snack if you want!<br>We hope to see you there.   |
| 2020-05-27 | Green Office workout by Ruth Vennekens    | by our HZ lecturer Industrial Engineering lecturer Ruth Vennekens!<br><a href="https://www.instagram.com/movetivate_pt/">https://www.instagram.com/movetivate_pt/</a>  |
| 2020-05-26 | SDG Café Green Office Avans               | HZ Green Office was invited for the SDG Café focusing on SDG15 – Life on Land, organized by Green Office Avans.  |
| 2020-05-20 | Online mini-Summit + pub quiz             | 4-6pm: Two rounds of parallel sessions for exchanges among Green Offices<br>Topics to be decided: 👉 <a href="https://bit.ly/GO-online-mini-summit-program">bit.ly/GO-online-mini-summit-program</a><br>👉 6-7pm: virtual pub quiz to build community among GOs and GO members and learn about sustainability in a fun way.  |
| 2020-05-13 | Insta post: 20-minute workout             | 20-minute workout routine to keep you moving! (by Stefan Stadler)<br><a href="https://fb.watch/27YVhkd2ZK/">https://fb.watch/27YVhkd2ZK/</a>   |

|            |   |   |
|------------|---|---|
| 2020-03-19 | <a href="#">Zeeland Zero E Missie 2050</a>  | Vital Sloe- and Kanaalzone: What will companies in Zeeland do to be emission-free by 2050? Business as usual is not going to be enough... Inspiring each other and coming up with new ideas and exploring which routes are realistic in the long term and what is needed for this. We therefore give inspiring leaders and true innovators a platform to keep us sharp and to explore the right strategic directions. Can we answer the question: what are companies going to do to be emission-free by 2050?   |
| 2020-03-07 | <a href="#">Waterlab</a>  | Waterlab 7 March 2020: stakeholder meeting plastic and citizen science monitoring in water systems, location: Rotterdam near CS.  |
| 2020-03-05 | <a href="#">Pathways to Sustainability Conference 2020: Accelerating the Transformation (Universiteit Utrecht &amp; online)</a> | <i>We are confronted daily by alarming news of the climate crisis, vast biodiversity loss, faster than predicted thawing ice and permafrost, natural resource shortages, and rising social inequality. We are increasingly aware that the pathways to sustainability require an extraordinary effort: where will the needed energy come from? How do we nurture the acceleration of promising trends? How do we speed up to achieve societal, scientific and political breakthroughs while ensuring socially fair outcomes?</i>   |
| 2020-02-20 | <a href="#">Harbour CleanUp of BinnenhavenVlissingen</a>  | We will be having our next clean up this Thursday! Do bring warm and water-resistant clothes as the weather will be rainy and windy.  |
| 2020-02-18 | Studenten voor Morgen general summit  |   |
| 2020-02-06 | UCR x HZ Borrel_Hosted by RASA - Roosevelt's All Student Association <a href="#">and Elliott</a>                                | HZ students meet UCR students! It's time for committees, societies and associations to get to know each other so we can start a fruitful collaboration. Anyone is welcome and will receive a complementary beverage and can participate in the pubquiz to get to know each other even better. Afterwards, everyone is welcome to the weekly Tuesday party in the Elliott basement. The event will take place in the Elliott mensa (Lange Noordstraat 48). See you all on Thursday February 6th at 20:00!  |
| 2020-01-23 | <a href="#">HZ Green Office Get Together</a>  | Would you like to be part of the HZ Green Office?<br>This is your chance to get more information about available positions and projects inside the HZ Green Office.<br>Come and join us in closing the semester in style and welcoming the new!<br>When: Thursday Jan 23 4pm De Vriendschap Markt 75 Middelburg   |
| 2020-01-23 | <a href="#">Harbor CleanUp of BinnenhavenVlissingen</a>   | Tomorrow we'll organize another cleanup at De Binnenhaven. Catch of the day will be for Vispluis. The collected vispluis will be turned into a large piece of art in the form of a hand. Next week, a group of minor students will also start their assignment on the problem of Vispluis.<br><br>We'll gather at 10.30 at 't Smoske. Dress up. I will bring waterproof rubber clove, you might want to bring some woolen gloves to place underneath to keep warm and a hat and scarf.  |
| 2020-01-16 | <a href="#">Documentary Day</a>   | Are you interested in climate change?<br>Do you think it is already happening around the world? How do you think this affects us, and what the impact might be in the near future?<br><br>The HZ Green Office with the support of HZ Cult and APV Housing has organized a documentary day. This event will be in the APV Campus, Thursday, January the 16th at 19:00. It will consist of the projection of two documentaries:<br>19:00 Chasing Glaciers (Directed by Mark Gregory)<br>Trailer: <a href="https://www.youtube.com/watch?v=tvhnD60DtXo">https://www.youtube.com/watch?v=tvhnD60DtXo</a><br>19:20 Q&A session<br>19:35 Building bridges (Directed by Carlijn Mulder and Nadine Smiths)<br><br>Carlijn Mulder and Nadine Smiths participated in the 2017 HZ Honours Programme. They created the documentary "Building Bridges" during their journey, as the honours programme gives space and the opportunity to HZ students to work on their own interesting project. Carlijn and Nadine travelled through Thailand, Philippines, United Arab Emirates, Indonesia and Vietnam and researched how these countries deal with Climate Change related problems. Nadine is now an advisor Water and Climate for the Province of Zeeland. She will introduce the documentary and relate |

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|            |  | <p>her learnings to her work as a professional. After the documentary there will be a Q&amp;A.</p> <p>Trailer: <a href="https://www.youtube.com/watch?v=cDP0r2esagk">https://www.youtube.com/watch?v=cDP0r2esagk</a></p> <p>If you would like to attend, please let us know so we could reserve a place for you! (Limited Capacity)</p> <p>We invite you to enjoy these amazing films and have some drinks after!</p>  |
| 2019-12-12 | <a href="#">Yesc Summit</a>  | <p>December 12th is the date! On this day, the 12-hour YESC Summit will be held. Let the most creative and impactful ideas of the youngest generation of Zeeland surprise you, exchange thoughts and ideas about the current state of affairs and future of Zeeland's energy supply and get inspired by our passionate speakers. In addition to the YESC nominees, the Summit is aimed at the regional C-level of business, industry and government and of course significant players in the regional energy transition.</p> <p>09:00 - 00.00 Oude Stadhuis Markt 1, Middelburg</p>  |
| 2019-12-09 | Clothes swap   |  |
| 2019-12-06 | Accreditation International Business   | Presenting the HZ Green Office for the Accreditation International Business  |
| 2019-11-29 | <a href="#">Centree VisPlus Collection day</a>   | <p>If you walk along the coast you have probably seen blue plastic threads scattered on the beaches. These plastic threads are called "Vispluis" and if you pay attention you will see them all over the coastline of Zeeland.</p> <p>The cultural foundation Centree from Zierikzee wants to raise awareness about the VisPlus problem. Together with the artist Kainoosh Gerami, they will create an art piece from this VisPlus. They organise VisPlus collection events on 10 more different locations along the North Sea coast.</p> <p>To support this great initiative, we organise an additional collection day in Vlissingen on the 29th Nov. We'll ay Panta Rhei at Nollestrand at 13:00h.</p> |
| 2019-11-20 | <a href="#">YESC: People, Planet Prozac! Theatercollege</a>  | <p>YESC: People, Planet Prozac! Theatercollege (Dutch)</p> <p>Location: Common House Elliot, Time: 19:30 - 21:30</p>   |
| 2019-11-20 | Help mee met uitpluizen!   | <p>Centree has started a new project; "PLUIS". The goal is to collect as much Vispluis as possible and have it turned into a work of art. Clean beaches and collecting material to draw attention to the problems of Vispluis and the search for alternatives</p> <p><a href="https://www.facebook.com/events/446673812653782">https://www.facebook.com/events/446673812653782</a></p>   |
| 2019-11-19 | HZ Fashion show  | Fashion show of garments made from recycled materials  |
| 2019-11-17 | <a href="#">European Youth Parliament for Water</a>  | We invite all young people active in the water sector to apply to the 15th edition of the European Youth Parliament for Water, to be held from November 17 to 24, 2019 in Nizhny Novgorod, Russia  |
| 2019-11-16 | <a href="#">Play Roetveegpiet during the Arrival of Sinterklaas in Middelburg on Saturday 16 Nov</a> | <p>Would you be willing to be a Roetveegpiet on Saturday 16 November?</p> <p>We'll arrive on boats and come to the shore in the harbour of Middelburg facing thousands of children. We'll be provided with special clothes to dress up and we'll get some black sweeps that the Pieten have from sliding through the chimney.</p> <p>Middelburg has decided to also have 50% roetveegpieten this year in addition to 50% zwarte pieten. Next year, Sinterklaas will be helped by 100% roetveegpieten. Join us and be part of the change! This activity can be linked with HZ Personality.</p>  |
| 2019-11-15 | Beach Cleanup  | <p>This cleanup is devoted to collecting data on plastic waste around the river Scheldt. We will be meeting by 't Smoske at 13:00 and plan to be back around 16:00. Cleanup equipment will be provided.</p> <p>Remember to dress warm! We are happy to welcome you on Friday and excited to get out there with you making a difference once again.</p>   |
| 2019-11-13 | Cleanup Binnenhaven  | This cleanup will be devoted to keeping the HZ University and its surrounding environment clean. We will be meeting at 't Smoske where I'll be give out needed   |

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|            |  | supplies. Remember to dress warm! We are happy to welcome you on Wednesday and excited to get out there with you making a difference again.  |
| 2019-11-8  | Beach Cleanup  | This cleanup is devoted to collecting data on plastic waste around the river Scheldt. We will be meeting by 't Smoske at 13:00 and plan to be back around 16:00. Cleanup equipment will be provided. Remember to dress warm! We are happy to welcome you on Friday and excited to get out there with you making a difference once again.   |
| 2019-11-04 | <a href="#">Keynote + Q&amp;A by Prof.dr.ir. Jan Rotmans</a> | Keynote on sustainable development, transition management, climate change, global change modelling, and system innovations by Prof.dr.ir. Jan Rotmans<br>Prof.dr.ir. Jan Rotmans is a scientist, a passionate and rebellious scientist engaged in actual practices to speed up transitions and sustainability. Both nationally and internationally he is an authority on transitions, having written over 200 publications in the fields of climate change, global change modeling, sustainable development, transitions and system innovations.<br>4th of November, 16.30-18.00 HZ Groenewoud, Middelburg<br>Missed it? Here's the chance to see it:<br><a href="https://hz.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=8fdb5405-b63d-4018-9238-aaf400ee354d">https://hz.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=8fdb5405-b63d-4018-9238-aaf400ee354d</a>   |
| 2019-10-30 | <a href="#">YESC: Ethics, Rhetorics and Sustainability</a>   | YESC: Ethics, Rhetorics and Sustainability (English)<br>Location: Common House Elliot<br>19:30 - 21:30   |
| 2019-10-25 | Beach Cleanup  | Hello everyone! The HZ Green Office will be having another beach cleanup this Friday! We will be meeting in front of the Panta Rhei restaurant. The findings of this cleanup will be monitored and categorized together with Christoph, a 4th year Delta Management student. He needs your help to collect data to better understand how volunteers can help with scientific research on plastic pollution.  |
| 2019-10-23 | <a href="#">YESC Energy bootcamp</a>                         | YESC Energy bootcamp<br>Location: HZ Groene Woud<br>09:00 - 18:00  |
| 2019-10-18 | <a href="#">Scheldt Youth Parliament</a>                     | Scheldt Youth Parliament   |
| 2019-10-16 | Harbor Cleanup   | Hello everyone! If you're still in Vlissingen join us on Wednesday for a harbor clean up! We will be meeting in front of t' Smoske at 10:00am  |
| 2019-10-12 | <a href="#">We are tomorrow klimaatfestival</a>              | Duurzaamheid in 2050 (Dutch)<br>Location: Westergas Pazzanistraat 33, 1014 BE Amsterdam, Netherlands<br>12:00 - 23:00  |
| 2019-10-11 | <a href="#">Finding roots</a>                                | Leadership program   |
| 2019-10-10 | <a href="#">Opening HZ Green Office</a>                      | The HZ Green Office is an organisation for students, organised by students. We would like to invite you to: Opening HZ Green Office<br>Bring your own mug if you can!<br>For the past 2 years, the HZ Green Office has organised different events and projects around sustainability in and around the university. The HZ Green Office is run by a core team of students and a coordinator. HZ GO! focuses on greening the campus and (near) environment by organizing and participating in sustainability projects and activities, preferably in cooperation with other stakeholders. As such, we build and maintain a diverse partnership network of local businesses, government and sponsors. Where possible, synergetic connections are initiated between external partners and HZ research & education. Ideally, the HZ-campus is a living lab and playground where students can design and pilot their own solutions in multidisciplinary teams. Finally, the time has come for the opening of our physical office! So join us on Thursday 10 October during the Dutch national day for sustainability. The office is located at the end of the PE2-Hallway. After the official |

|            |   |   |
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|            |   | opening by President of the Executive Board mr. J. Dane at 12:00, the HZ Green Office will present itself followed by Green drinks and a Q&A session until 13:00  |
| 2019-09-27 | <a href="#">Global climate strike in Den Haag</a> | Join the CYS interest group to support youth demanding climate action! We'll join them for the global climate strike activities in The Hague.<br><br>We'll meet in the ISS lobby with our signs and other marching gear. We'll depart at 12.30pm sharp to walk to Koekamp near Centraal station, where we'll join hundreds of young people participating in the climate strike, starting 1pm.<br><br>More info: <a href="https://www.facebook.com/events/494662804697554/">https://www.facebook.com/events/494662804697554/</a> |
| 2019-09-20 | <a href="#">ZLND2050</a>                          | A new yearly sustainability festival in Middelburg. Music & food trucks joined by interesting seminars and workshops surrounding sustainable topics.  |
| 2019-09-11 | <a href="#">YESC seminar</a>                      | YESC seminar  |



### Scheduled events in December:

- 1 Dec: YES-DC Climate Change Conference simulation game
- 2 Dec: Dialogue table #7 'Zeelanders buy with impact' SDG15, input for procurement police Province of Zeeland
- 3 Dec: Student panel redesign of Kenniswerf Prins Hendriksweg municipality of Vlissingen
- 4 Dec: Clear-up action Binnenhaven
- 7 Dec: guest lecture Green Office for 1<sup>st</sup> year students FC and BK – Andere Kijk op Economie
- 10 Dec: Corona-safe clothes swap @ APV Housing
- 11 Dec: 4 dec: Clean-up action Nollestrand i.c.w. Doe Mee Verlos de Zee
- 17 Dec: Corona-safe clothes swap @ APV Housing
- Xmas break: making Christmas decoration (online? In combination with HZ Community)
  - Xmas break: clean-up action with a warm snack (i.s.m. HZ Community)





## Projects

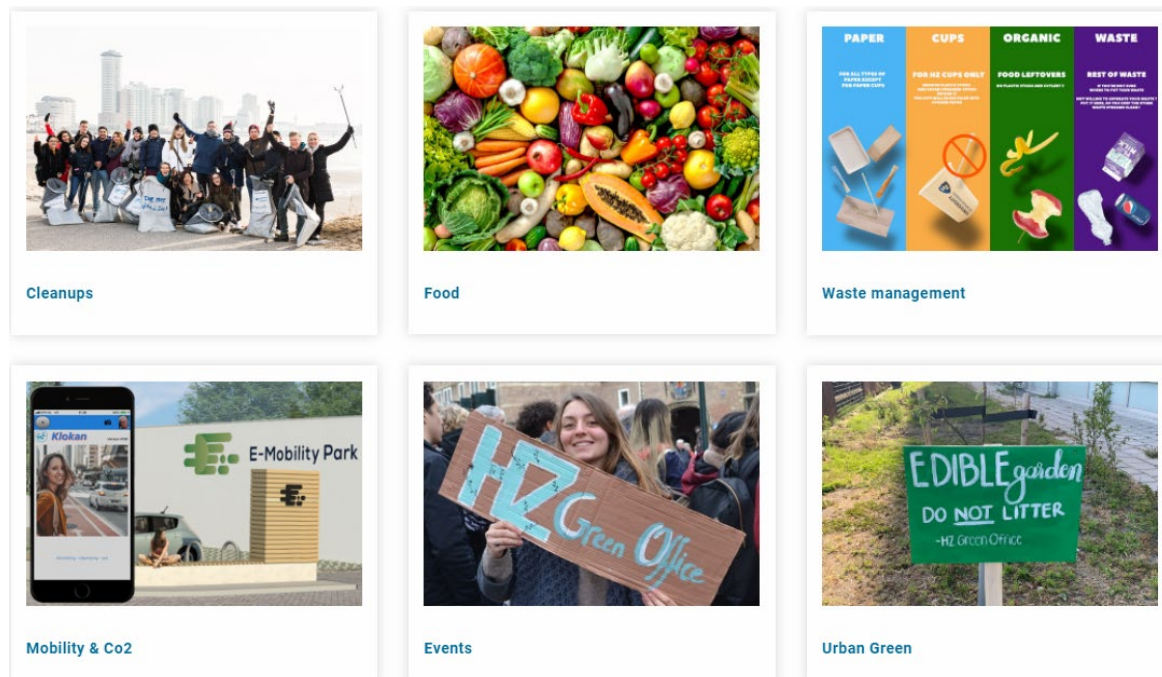
The HZ Green Office works on various social themes. For each project, the green office clarifies how it contributes to the achievement of sustainable development goals of the UN. With this, the Green Office is working on concretizing the signing of the SDG Charter that all 36 universities of applied sciences signed during the 2019 annual conference. By signing the charter, HZ had expressed its intention that: “It will work to integrate the UN’s Sustainable Development Goals as part of higher education, equipping the leaders of the future with the right knowledge and skills.

(<https://www.vereniginghogescholen.nl/actueel/actualiteiten/hogescholen-zetten-opnieuw-stappen-met-de-sustainable-development-goals>)



Each core member of the green office takes part in one or more projects and thus monitors the continuity of the projects. In addition, a diverse and dynamic group of students of varying composition takes part in the project activities.

The figure below is a snapshot of the green office website and shows the project themes. A description of each project theme follows on the next page.



## Cleanups

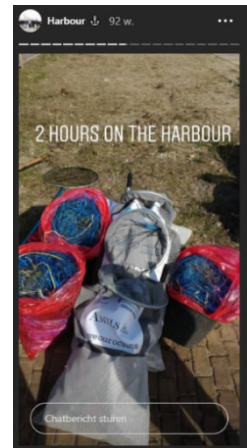
Project-team: Lorenzo Somai (projectleider), Cindy de Visser, Jan Flechner <sup>3</sup>

The cleanups project group is conducting in collaboration with other parties, such as Doe Mee Verlos de Zee, the municipality of Vlissingen, Rijkswaterstaat, the Scouting and the rowing club, organize clean-up campaigns almost weekly or biweekly, usually in the Binnenhaven or on the beaches of Vlissingen. Sometimes there are also clean-up actions on other beaches along the Oost- or Westerschelde, along the Veste in Middelburg or along the Canal from Vlissingen to Middelburg.

The cleanups are very popular among the students; it is nice to be outside and to be able to make a positive contribution together. Cleaning up is increasingly linked to research, whereby the collected litter is registered and investigated (citizen science).

With this project, HZ is implementing the [Convenant Schone Schelde](#), which HZ has concluded together with 27 other parties in the Netherlands and Belgium to work towards a Clean Schelde.

This project group is currently lead by the enthusiastic 4<sup>th</sup> year student of water management, Lorenzo Somai. Lorenzo is following his graduation internship at the Green Office, where he, in collaboration with the research group from HZ Delta Management, commissioned by Rijkswaterstaat (RWS), is researching plastic waste along the Ooster- and Westerschelde. His internship fee is paid from project funds that the HZ receives from RWS. Lorenzo has taken over the duties of 4<sup>th</sup> year student of water management Pjotr Karels, who was employed at the HZ Green Office from April-Sep 2020 as an intern and project leader clean-ups and his graduation research focused on plastic waste in the Inner Harbor of Vlissingen.



Pjotr's internship fee was paid from project funds that the HZ received from the municipality of Vlissingen for the benchmark study of litter in the Inner Harbor. The clean-up actions are accompanied by knowledge development; The Green Office, in collaboration with Delta Management, worked on no fewer than five paid assignments in the period Oct 2019 – Oct 2020.



With these funds we have been able to give five students a paid internship. Every year, the Green Office supports the engineering program during its international project week, during which students work on an assignment related to the circular economy and plastic. The Green Office also participated in The Young Plastic Pollution Challenge of the Plastic Soup Foundation in autumn 2020.

Currently, the Green Office organizes a clean-up campaign every Friday, alternately on the beach, in the Binnenhaven and along the Canal.

Picture: Visit Minister van Engelshoven, opening of the Academic jaar 7 Sep 2020.

From left to right: John Dane (CvB), Ingrid van Engelshoven, Pjotr Karelse, Liliane Geerling,

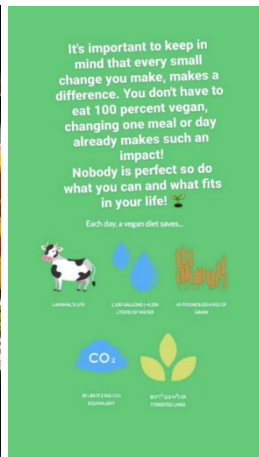
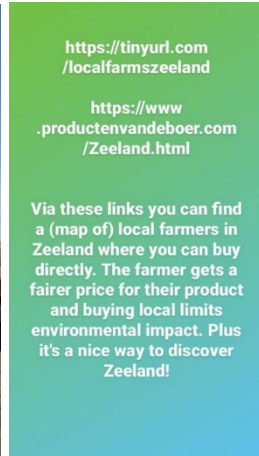
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<sup>3</sup> These persons are the permanent project members, who are responsible for organizing the activities. A large group of students take part in the project activities; most students several times. A number of students are even very loyal and hardly miss any action.

## Food

Food team: Yana Hadzhigeorgieva, Isabel Wiens, Louis Johnston, Svetlana Vylkova

Students would like more vegetarian and vegan choices in the canteen and they also want to have the option to buy coffee with plant-based milk, not only because of idealism but also, for example, because of a lactose intolerance.



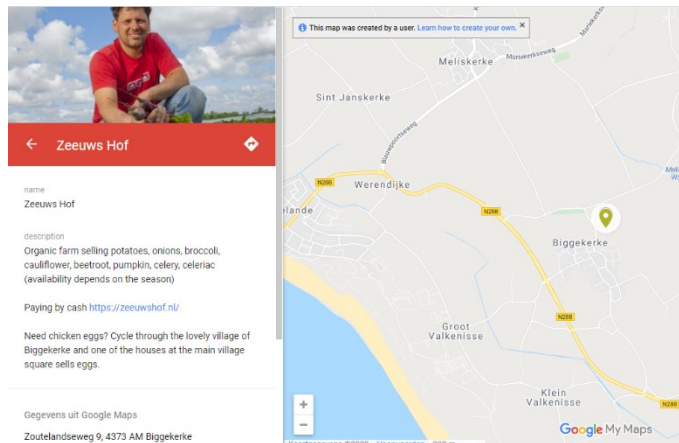
In the autumn of 2019, a group of IB students organized a Meatless Monday for a few weeks at which snacks were handed out and recipes were shared. The recipes have also been shared with the HZ canteen. Also the 'Eerlijk winkelen' app and the HZ Green Office were promoted on Instagram. Another group published the Online magazine Vegazine, to promote healthy eating.

On November 1st, Lotte Hendriks, researcher at the Healthy Region research group and lecturer in Tourism Management, took over the Green Office Instagram account and shared inspiring stories about a vegan lifestyle.



The Green Office has published a map of local fruit and vegetable growers on the island Walcheren, so that the international student community also knows where to buy healthy and locally grown food for an affordable price.

The Green Office works as an advisor together with the canteen on the Green Key Certification. In addition to the advice to include more plant-based food in the product range, we are looking at waste prevention and we have explored a way to deliver locally grown apples and pears to the canteen with the purchased electric cargo bike.



## Waste Management

Waste management team: Andrea Kiss (project leader), Marchiano Hijmans, Stefan Stadler, Daniela Lazaro



The Green Office is working on reducing waste by all using our own water bottle or mug. For every activity or event, it is communicated in advance that students must bring their own mug or bottle. The "Say No To PET Bottles" campaign took place in the autumn of 2019. The "bring your own Mug" campaign followed shortly afterwards.

In addition to waste prevention, the Green Office works on waste separation, both at the HZ and at the APV Housing student campus on Joost the Moorstraat, Vlissingen.

Following the EU, the Dutch government has set the ambition to reduce the amount of residual waste to 100 kg per person. Every municipality must implement this objective. The municipality of Vlissingen was therefore pleased when they heard that the students of the Green Office wanted to start a project to implement waste separation within the student accommodation on Joost de Moorstraat, Vlissingen. The municipality was eagerly looking for pilot projects and embraced this student initiative with manpower and equipment. APV Housing was also enthusiastic and invested in waste bins for the communal kitchens. The HZ Green Office conducts an awareness campaign every six months and ensures that the information about waste separation is updated through posters, videos, workshops and mailings.



In 2019, HZ implemented waste separation in the building at the Edisonweg, Vlissingen and requested cooperation from the Green Office, concerning the information provision and awareness. In addition, the Green Office has investigated the problems concerning waste separation in the building at the Groene Woud, Middelburg on behalf of the facility service. Also was examined whether it makes sense from an environmental point of view to use biobased disposable eating utensils and whether any environmental benefit outweighs the high purchase costs.

From February 2021, a trainee will start working on her graduation assignment about concrete measures to improve the information provision and awareness about waste separation within the HZ buildings in Middelburg and Vlissingen. The focus will be on "storytelling", to make clear to students and employees how HZ closes the cycle. For example, visualizing the way in which paper coffee cups from HZ are recycled, and how they return to us in the form of towels and toilet paper.

## Mobility & CO2

Mobility & C)2 team: Yana Hadzhigeorgieva, Stefan Stadler, Svetlana Vylkova, Mathurin Mahé

In connection with her graduation assignment, Yana Hadzhigeorgieva measured the CO2 emissions of the HZ for the year 2019, using the Carbon Disclosure Protocol. This shows that more than 90% of the CO2 emissions of HZ are caused by mobility movements and that *almost 80% of the CO2 emissions of our university of applied sciences are caused by commuting by employees and students*. To do something about these emissions, HZ will have to cooperate with other parties.

| Types of emissions per scope for HZ University of Applied Sciences |                          |  | CO2 emissions<br>in kg | % of<br>total |
|--|--------------------------|--|------------------------|---------------|
| <b>Scope 1</b>   | Direct emissions         | Natural gas consumption                      | 407.328                | <b>7,29%</b>  |
|  |                          | Fuel consumption of university owned vehicle | 66.097                 | 1,18%         |
| <b>Scope 2</b>   | Indirect emissions       | Electricity consumption                      | 701                    | 0,01%         |
| <b>Scope 3</b>   | Other indirect emissions | Employees commuting                          | 1.131.927              | <b>20,26%</b> |
|  |                          | Students commuting                           | 3.279.901              | <b>58,72%</b> |
|  |                          | Business travel by plane                     | 70.935                 | 1,27%         |
|  |                          | Business travel by car                       | 206.726                | 3,70%         |
|  |                          | Exchange students travel                     | 53.724                 | 0,96%         |
|  |                          | International students travel                | 183.900                | 3,29%         |
|  |                          | HZ students on exchange/internship abroad    | 182.443                | 3,27%         |
|  | Water                    | 2.250  | 0,04%                  |               |
| <b>Total emissions</b>   |                          |  | <b>5.585.931</b>       | <b>100%</b>   |

In 2019, the HZ Green Office supported the so-called E-Mobility park by encouraging employees within HZ to use the shared electric cars to which the HZ has a subscription. Students are also engaged to provide information to users about how to reserve and drive an electric car. Students who participate can make free use of the shared cars and get to know the benefits of driving an electric car in a fun way.



In 2019 and in the spring of 2020, we looked at how the app “Klokan” could stimulate car sharing among employees and students. Due to the Corona crisis, entrepreneurs have stopped with this app.

Our students are encouraged to come to HZ by bicycle: walking the talk!

The green office is currently promoting a petition for a fossil-free pension system and is supporting a lecture cycle by UCR and HZ research group Delta Power on myths and facts regarding energy.

From September 2020, the HZ Green Office has adopted the Go About bicycle sharing project (photo left). This is a pilot project in which shared bicycles are offered mainly to international students who are temporarily in the Netherlands. The bikes are maintained by the Cycle Hub.



Photo: Student ambassadors Go About get a tour of the CycleHub (Oct 2020)

The HZ Green Office has purchased an electric cargo bike, partly financially supported by the Province of Zeeland. She wears the stickers of the HZ, the Cycle Hub and the Zeeuwse Energieakkoord. With this sustainable cargo bike, HZ supports the Zeeuwse energy transition through its Green Office.



Photo: the cargo bike in action in the Student Garden for transporting plant material, garden tools and coffee / tea. During the clean-up actions, we transport material with it, such as cleaning bags, grabs and landing nets. The cargo bike is used during events, with which the bicycle is very useful for transporting material, any food and for promoting a sustainable HZ!

## Urban Green

Urban Green team: Louis Johnston, Svetlana Vylkova, Saartje Mol



Many employees and students experience stress. A green environment relaxes. During an item by Vroege Vogels on 6 Dec 2020, a general practitioner together spoke together with the IVN and underlined this again by saying that nature causes your heart rate to drop and your blood sugar levels drop (which is not only beneficial for diabetics, but for everyone). Universities around the world are often overgrown with trees and other vegetation, and offer students and staff the opportunity

to read, discuss, relax or socialize outside. In addition to a physically green campus, a number of universities worldwide have a student garden. Our HZ Green Office also has a student garden, at the APV campus, to which various groups of students have happily contributed over the years. The garden is a learning project; the soil is poor and the garden lies in a “concrete desert”. But every year the garden looks better and since Corona the garden has offered the opportunity to continue to meet each other safely. In good weather, the Green Office could be found there almost every Friday afternoon; a group of students worked in the garden at a safe distance from each other, where the afternoon was concluded with an informal consultation about current affairs while enjoying a drink in their own cup. The garden at the APV campus also offers the Green Office the opportunity to organize other activities, such as organizing a “plants workshop” (cuttings of houseplants for the student rooms) or other creative sessions.



The Green Office has its office in the PE2 corridor of the building in Vlissingen, where we have installed a green plant wall. We are pleased to see more and more plants appearing in the offices.

On the HZ campus in Vlissingen, The Green Office i.c.w. the interdisciplinary minor Becoming Fit for the Future, started with the project “Vergroenen en Ontstenen”. For a number of years, a group of teachers has been talking to each other about the lack of outdoor spaces where you can teach, for example in work groups. Since Covid-19, this need has increased dramatically. At the HZ in Vlissingen, with the exception of the HZ café, there are currently few places where you can sit outside comfortably. There is a lot of stone, so you quickly experience heat stress on a sunny day. And the green corridors between the buildings are not being used.

By planting more green you create shade and coolness. Green motivates people to go outside. The air outside is healthier than inside, people are stimulated to exercise which is good for their vitality, and greenery has a relaxing effect on people. Moreover, in this way the HZ will have a more attractive appearance that matches the identity of Zeeland. At the end of the minor project, the Green Office, together with the facility services, wants to ensure continuity of the greening activities. These are low budget in construction and maintenance and the new construction and renovation plans for the building in Vlissingen are taken into account. Until then, the campus on Edisonweg can serve as a playground / testing ground!

## The HZ Green Office during Corona

During the first wave of the Covid pandemic, we made the transition to online meetings after a week. We focused on improving the visibility and professionalization of our organization. We were able to continue working on most projects with the distance.

During that period, a 3rd year civil engineering student, Andrea Kiss, came to the Green Office and was stuck in her home country Hungary because of Corona. It was very special that she successfully assumed the role of project leader waste management without physical introduction and managed a team of students based in the Netherlands from Hungary. Andrea combined her involvement in the green office with her 3rd year minor BFF - circular economy.



From the Green Office, we called on students via social media to do individual clean-up actions, as a healthy change from the online lessons.

Photo left: "Cleanup at a distance" - June 16; The municipality of Vlissingen facilitates with gloves and yellow vests with the text "Keep 1.5m distance". In the photo center-back: harbor master Adriaan Luijk.

After the clean-ups had been paused for a while, we started our first joint clean-up again at the end of May, under the supervision and watchful eye of the

municipality of Vlissingen. Soon after, we received a paid assignment from the municipality of Vlissingen in June to conduct a benchmark study into litter in the Binnenhaven and, even in July and August, we organized a clean-up action every other week, followed by a monitoring (count) of the the next day.

From June to September the green office was active with the collection and monitoring of waste in the Binnenhaven Vlissingen.

Photo: Monitoring of waste on the PSD square. Corona proof. Cycling to the HZ and monitoring in the open air. It was wonderful to come into physical contact with each other again.





Andrea Kiss became so inspired that she organized a clean-up in her home country Hungary.

*During the summer, I was inspired by the activities of the HZ Green Office and decided to invite a friend of mine to meet and pick up some trash while we walk and chitchat. She liked the idea so much, we started to organise a clean-up event around the small fishing lake in Sajószöged, Hungary.*

*We contacted the municipality of Sajószöged to ask where we can put the collected trash, as there are no bins or waste containers around the lake. They redirected us to the local fishing association (Zabos Géza Horgászegyesület), who then provided us with trash bags, water to drink, as it was a hot summer day and a Hungarian speciality, lángos, for lunch.*

*We invited the residents from the neighbourhood of the lake as well as some friends to join us. In the end our team consisted of 6 people: my friend Anita, Kinga, Réka, my parents and myself. Together we collected about 2-3 m<sup>3</sup> of waste around the lake. Our initiative was so inspiring, the local fishing association promised to organise more clean-up events.*



Andrea during the clean-up in Hungary

Andrea Kiss – HZ student civil engineering

In September, the Green Office received project funding for monitoring collected litter during World Cleanup Day on September 19, and funding for the purchase of materials. The results of all these studies are shared with Rijkswaterstaat and the other partners who have concluded the covenant Schone Schelde.

Students Pjotr Karelse and Lorenzo Somai initially worked on other graduation assignments before they ended up at the green office, but these were stranded due to the Corona crisis. Thanks to various paid assignments that the Green Office managed to get in collaboration with Liliane Geerling, a delta management teacher. Pjotr and Lorenzo were able to work on interesting research and their study delay was limited.

During Corona we emphasized the organization of many outdoor activities. The risk of contamination outdoors is considerably lower. Moreover, you produce vitamin D outside, which increases the immune system and reduces the chance of infection and, if you do become infected, makes the course of the disease less severe. (The following link is a Dutch article!) <https://www.wur.nl/nl/show/5-vragen-over-de-Invloed-van-vitamine-D-op-corona.html>

The image shows a flyer for a 'Plogging' event and a screenshot of a social media post. The flyer is titled 'Plogging' and features the HZ University of Applied Sciences logo. It lists the meeting point as 'Panta Rhei, Nollehoofd 1, 4384 LT, Vlissingen' at 12:00 O'Clock on the 27th of November. It also includes 'Corona measurements' such as 'Gloves will be provided on location', 'Bring hand sanitizer', and 'Keep your distance'. The social media post is from 'hzgreenoffice • Volgend' and contains the text: 'Hello everyone! On Friday (the 27th of November), the HZ Green Office will organize a cleanup at the harbour. This is a Corona proof activity outdoors and will help you charge mentally and physically, as we head into the darkest hours of the year. We will meet at Panta Rhei, Nollehoofd 1, in Vlissingen at 12:00. The activity is linked to HZ personality (double hours). If you want to join us, please send an email to hgz002@hz.nl'. The post has 1 w. (week) of engagement and is from 24 NOVEMBER.

Being outside in nature is relaxing; in nature, breathing slows down and you produce certain substances that have a pain-killing effect. In addition, nature works to connect with the environment; with the landscape and - if you are with several people - with each other (Vroege Vogels, 6 Dec).

To date, the Green Office has continued to organize outdoor and other “Corona-proof” activities, such as: plant workshops, clothes swaps, activities in the student garden, cleaning and monitoring of litter, and we motivate students to buy by the local farmer.



The workout session on May 27 by Ruth Vennekens, lecturer Industrial Engineering & Management, was viewed no less than 196



In addition, we focus on the health of our students through posting workout sessions and promoting healthy nutrition.

In addition to the outdoor activities, there were of course also many online seminars, from TNO, Studenten voor Morgen, the international Green Office



Movement, the Green Office of Avans (SDG Café), and the River Scheldt Youth Parliament and we promoted guest lectures,

such as Ad Faasse on 1 Oct 2020 about Biophylia, the virtual tour of Katherine Trebeck about the Wellbeing Economy 21-25 Sept, the energy transition dialogues organized by UCR teacher Inez Flameling and the HZ research group Delta Power, the lectures organized by the SDG accelerator project, and events organized by HZ Cult and the Zeeuwse Bibliotheek



The green office is regularly called upon for various dialogue sessions, for example by:

- The Province of Zeeland, where we provide input for the development of the Provincial purchasing policy to improve SDG14 (life in the water) and SDG15 (life on land)
- The Province of Zeeland, where we provide input for the Zeeuwse Energietransitie.
- By AddVision on issues surrounding energy transition for the companies within Vital Sloe- and Kanaalzone, and the assessment of nominees for the Groene Inspiratieprijs Veere.
- By the municipality of Vlissingen, for the development of the Kenniswerf (Prins Hendrikweg and Stationplein)

## Critical reflection/vision of the future

### Achieving goals

In the autumn 2019, the students of the Green Office set the following goals.

1. *Strengthen our shared values by **cultivating the local sustainability community** and connecting people not only in Zeeland, but also throughout the Netherlands and globally*
2. ***Walk the talk: HZ GO!** stimulates internal stakeholders to act as role models*
3. *Aid the HZ University of Applied Sciences **incorporating the SDG's**; the UN's Sustainable Development Goals*
4. ***Offer students a meaningful and practical experience** through our projects and activities*

1. The development of a “student community” around the theme of sustainability is particularly important for justifying the proper use of the quality funds. Despite Corona, this objective has been amply achieved, thanks to the many small-scale outdoor activities and the positive progress of the various projects. There is great and growing interest in the Green Office. In the coming period, we will continue to work towards gaining broad awareness among students within all study programs. At the initiative of Bert Schollema, the Green Office, HZ Sport and HZ Cult have started to intensify the cooperation under the name HZ Community. The HZ Green Office has great cooperation with external partners and even with a number of international players.
2. Only because of the existence of a Green Office the mindset of employees and the culture within HZ has changed. In addition, the Green Office plays the role of pacemaker; we keep sharp, help implement covenants and address what is going on in society. By making the campus more sustainable, we contribute to the development of a more attractive campus.
3. The green office implements the SDGs in a concrete way through its projects and works closely with the SDG accelerator project.
4. Students associated with the core team are often loyal. Students often participate repeatedly in green office promotions through HZ Personality. We would like more people to participate in certain activities, but Corona does not allow this at the moment. An unforeseen positive effect of the Green Office is that our socially relevant activities have a positive effect on mental health and have a binding effect. This effect is even greater for outdoor activities.

### *Broad reputation HZ-wide and representation from all domains*

The coordinator of the Green Office is also a teacher at the International Business School, from which the Green Office originated. As a result, the original student representation from the business programs was relatively strong. This has helped the Green Office in the professionalization of the organization.

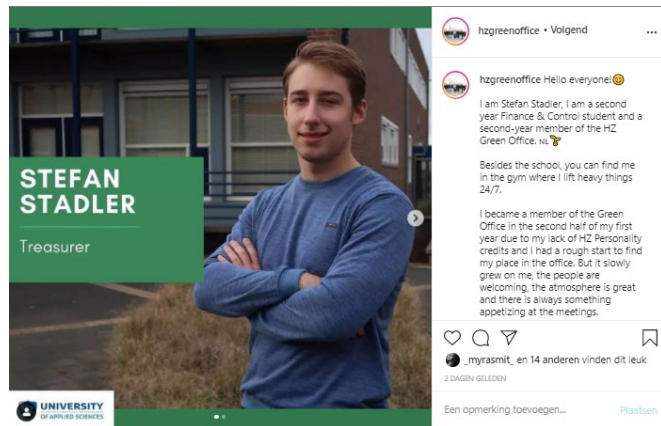
However, the Green Office is only for students at HZ. That is why we actively focused on bringing the Green Office to the attention of all courses at HZ in the past year.

Since the official launch on 1 October 2019, the awareness of the Green Office HZ-wide has increased significantly. Yet not every student is familiar with the Green Office and awareness within the various domains and study programs is still unevenly distributed; the Green Office has the greatest connection with IB, IBL, Water and Delta management, Engineering, Civil Engineering, Industrial Engineering, and the Dutch economic programs. Thanks to campaigns conducted by the green office, this point has already improved: during the spring / summer of 2020, a number of students from the social domain took part in various Green Office

activities and since autumn 2020, two students from the Social Work program have also been members of the core team. In the coming year, the green office will continue to focus on increasing its reputation HZ-wide and a more uniform participation from all study programs. Moreover, we hear from other Green Offices in the Netherlands that broad awareness is also a challenge for them. We hope that a promotional video and a stronger representation of the Green Office during the introduction days will contribute to this. We will also approach teachers and SLCs of the under-represented study programs on a personal basis.

### *Involvement of Dutch-speaking students*

The green office is very attractive to the international student community; because these students have left their home and family, the need for a student community is greatest among these students. But here too, the Green Office is for everyone and we want to promote mutual contact between Dutch and international students. Since its establishment on 1 Oct 2019, the core team of the Green Office has been reinforced by three Dutch students and recently two Dutch students from Social Work have been added.



### *Visibility and communication*

Visibility and communication are extremely important to the Green office. The most effective way to be visible among young people is through social media. In addition, a fast response to the email [greenoffice@hz.nl](mailto:greenoffice@hz.nl) is important. Furthermore, the website [www.hzgreenoffice.nl](http://www.hzgreenoffice.nl) needs to be further developed, and the information we leave on the HZLearn pages of the Green Office and HZ Personality must remain up to date. Because it has proved impossible to assign all these tasks to one person, we have set up a communication team. Our visibility via social media is now excellent, as is the response to the email. In the coming period, we will further develop the website with the support of the web administrator.

### *Critical points on the first request for quality funds in 2019*

In response to the first application for the quality funds in 2019, the assessing committee indicated a number of critical points. One of these was that the core team should be filled with students from every domain. We have now taken care of that. She also added the following two points:

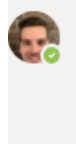
#### **1. Responsibility for facility service, APV, municipality**

In response to the first application for the quality funds in 2029, the committee indicated that making the operational processes more sustainable is the responsibility of the facility services and making student housing within Campus de Ruyter more sustainable is the responsibility of the owner: APV Housing. The Green Office agrees, but that does not mean that it has nothing to do with it. *The role of every Green Office at every higher education institution is one of stimulating and encouraging improvements, as well as providing advice and support in making the school more sustainable.*

Student accommodation is seen by the Green Office as an extension of HZ; the experience that students have in their daily life in the student houses is part of the total experience of the student and contributes to the “student community” feeling. A few years ago, the Green Office (under construction) was also given the opportunity to develop a “student garden” at Campus de Ruyter and to initiate waste separation. These kinds

of things were not yet possible at the HZ itself. Waste separation has now also been introduced at the HZ itself and the facility team leader recently indicated that she would like to work with the Green Office not only with regard to waste separation but also with regard to the greening of the HZ schoolyard, with which we can do certain things under our own management and at low costs.

The committee also indicated that litter is the responsibility of the municipality of Vlissingen. Obviously, the primary responsibility lies with the municipality, but HZ students themselves also cause a lot of litter, especially on the walking routes between the supermarkets and the HZ buildings in both Middelburg and Vlissingen, as well as on the way to the railway station in Vlissingen. In addition, it is fun and educational for students to come into contact with external parties, or to be put in the spotlight by the Zeeuwse Bibliotheek or Omroep Zeeland. Not only multidisciplinary but also transdisciplinary<sup>4</sup> collaboration is of great importance for the creation of a sustainable society. And the spin-off is great. Other parties, such as CSW Vlissingen, water sports club De Arne, the rowing club and the Lions club in Vlissingen are inspired by our clean-up actions and are following our example. This benefits the image of our school.



Huub Jagers 11:59 AM

Hoi Ingrid. De Lions Club Vlissingen gaat aanstaande zaterdag een beach clean-up doen in Vlissingen. Ze zouden, als dat mogelijk is, graag de zakken en knijpers van de HZ willen lenen. Kan dat? 😊

## 2. Annual plan with projects

When our budget application was finally approved by the committee in December 2019, they asked for an annual plan in which we would indicate which projects we would be working on. However, a Green Office is a flexible and dynamic organization and moves with what is going on. This made it difficult to come up with an annual plan in 2019. Nevertheless, we hope that with this comprehensive report we have created a good picture of what a green office entails and the projects we run. These projects have stability, are multi-year and a number of them already show characteristics of a living lab.

### *HZ Green Office: geen idealisme maar noodzaak*

The HZ Green Office is by some still seen as idealism. However, the Green Office is very important for attracting and retaining students; many students indicate that they want to learn more about sustainable development than they receive in their education. In addition, the green office provides mental strength for many students, and we provide “buzz”. This motivates students and makes them *proud that they are part of the HZ community*. Students who decide to join the core team will have an excellent opportunity to develop their professional and leadership skills. We are also working on an attractive and healthy campus and organize many outdoor activities. Health and vitality are of great importance to student performance. The Green Office even helps to prevent students dropping out and we were able to prevent a number of slow study processes during Corona.

On last December 3, the VN-top called for a green recovery of the economy after the Corona crisis.

(<https://www.un.org/press/en/2020/ga12293.doc.htm>):

*“Post-Pandemic Economic Recovery Must Focus on Building Greener, Fairer World, Secretary-General Says, Warning against Leaving Broken Planet to Future Generations”*

Via the green office we train the change makers who will build this sustainable economy!

Every year, world leaders meet in Davos during the World Economic Forum (WEF) to discuss the opportunities and threats to the global economy. The Global Risks Report 2020 shows that climate change is seen as the greatest threat. Water plays a crucial role in this, both in terms of drought and flooding. <https://www.gww-bouw.nl/artikel/klimaatverandering-grootste-bedreiging-voor-de-wereldeconomie/>

Because climate change is the greatest threat to humanity, the Green Office will pay more attention to CO2 and climate in the coming period. Perhaps this also diminishes the image of an idealistic club.

### *The role of the Green Office with regard to a central sustainability policy and making curricula more sustainable*

The main right to exist of the Green Office is the formation of a “student community” in the field of sustainability. This goes hand in hand with stimulating attention for sustainability within HZ.

The Green Office does not take over the role of the administrative service in terms of implementing integral sustainability, or of the canteen in retaining the Green Key certificate, of a facility service or APV Housing; these parties have their own responsibility in making the organization more sustainable.

An advantage of our small University of Applied Sciences is that the lines are short. In addition, our Green Office is led by someone with extensive knowledge in the field of sustainable development, who has a broad network and extensive experience in the field of sustainable change processes within higher education institutions<sup>4</sup>. This knowledge and experience does not linger with this one person; Each of the members of the core team is educated and trained, and they are introduced to external partners. The short lines within HZ and the knowledge and capacity of the Green Office ensures that we do not have to hire expensive consultants within HZ for certain sustainability measures; we can carry out a CO2 measurement ourselves, after which it is easy to find the way to the province and the personnel department to develop a mobility policy or the Delta Power research group for further measures relating to energy and climate.

There is also a need to make the curricula of certain degree programs within HZ more sustainable. Stefan Stadler and Marchiano Hijman, Finance & Control students, had never heard of “sustainable banking” before their time at the Green Office. A Green Office can raise a lack of sustainability within a program, but the responsibility remains with the program itself. A Green Office does have a clear boosting function; as a catalyst within support services and integration in education, and can support this with its knowledge and capacity.

## Development of a Learning Community for Sustainability

We are regularly given opportunities to bring in project funding. Thanks to the help of Liliane Geerling of Delta Management, the Green Office worked on five paid assignments in the period Oct 2019 - Oct 2020. These funds come to a different cost place under a separate project number. Thanks to these funds, five students have been given a paid internship and we have been able to prevent an imminent study delay for a number of them. By connecting cleaning up with research, we also introduce HZ personality students to a special form of research, namely citizen science, and they experience that everyone can make a difference.

But due to lack of time, we are still losing a lot of project funding. A recent example is project funds for the valorisation of biobased products during Corona, which can be easily combined with the de-stoning and greening project. Think of furniture for outside or plant pots made of biobased, in which we are conducting research via the COE BBE in collaboration with regional companies. With information about the material on a sign, we can show the outside world what expertise we have.

Another recent example is project funding for a learning community regarding energy transition:

*“As a motor and as a place for innovative developments, our eyes are focused on learning communities such as field labs and living labs. Professionals from education and research, business, government and the public-private sector work together.”* [https://www.topsectorenergie.nl/nieuws/open-voor-aanvragen-onderzoek-naar-learning-communities?utm\\_medium=email](https://www.topsectorenergie.nl/nieuws/open-voor-aanvragen-onderzoek-naar-learning-communities?utm_medium=email)

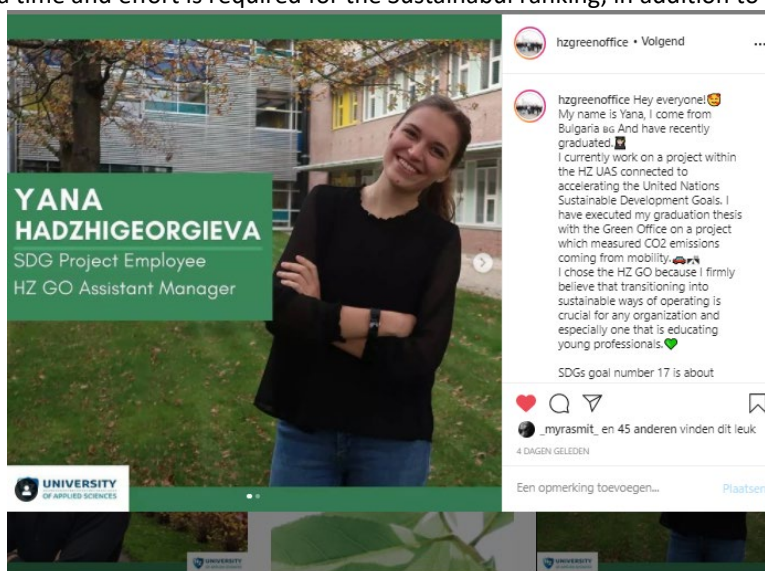
Funds are also available for measures for climate adaptation and rainwater harvesting, for the circular economy, for greening schoolyards, sustainable mobility, and vitality and health. The Green Office is an excellent vehicle for multidisciplinary education and research; something we talk a lot about in our school but still do too little. With a bit more budget next year, the Green Office can focus more actively on innovative sustainability projects<sup>4</sup>. In addition, extra time and effort is required for the Sustainability ranking; in addition to

concrete actions and innovative education, information regarding our sustainability performance must be collected with regard to education, research, operational processes and awareness / events. A good score within this ranking attracts new students.

### Daily coordination

Until recently, the Green Office was coordinated by a relatively dearly paid employee, Ingrid de Vries. This day-to-day coordination is difficult to combine with the other tasks that are important to further professionalise

the organization, manage the projects substantively and continue to initiate new actions. Moreover, Ingrid is strong in development and innovation, but less strong in coordination. For six months now, Ingrid has been supported by Yana, who takes up the daily coordination in an excellent way. Since Yana's involvement, the Green Office has really taken off. Yana's role in the SDG accelerator project also ensures good cross-fertilization.







## Budget request next year

The proposal is to leave the daily coordination to Yana. Ingrid is a relatively high paid employee and can better focus on innovation and substantive coordination of the projects. For the coming year, the green office will again ask for a budget of 50,000 euros plus 25,000 in additional resources to be able to work on the ambition to integrate sustainable development even more within our organization.

| Prognose 2021   |                      |   |          |
|---|----------------------|---|----------|
| Project   | Project omschrijving | Grootboek omschrijving                            |          |
| 2596  | 071 Green Office     | Loonkosten Ingrid de Vries 0,2 fte                | € 19.184 |
| 2596  | 071 Green Office     | Loonkosten Yana Hadzhigeorgieva 0,4 fte           | € 16.524 |
| 2596  | 071 Green Office     | Loonkosten vrijwilligers                          | € 7.469  |
| 2596  | 071 Green Office     | Overige kosten:                                   |          |
|   |                      | Onderhoud bakfiets                                | € 500    |
| Overige kosten  |                      | Communicatie, promotie                            | € 2.500  |
|   |                      | Student development (coaching, summits, e.g.)     | € 2.500  |
|   |                      | Lidmaatschap Go Movement                          | € 360    |
|   |                      | Lidmaatschap studenten voor Morgen                | € 150    |
|   |                      | Overige kosten                                    | € 814    |
|   |                      | Totaal Overige kosten:                            | € 6.824  |
| Totale begroting zonder additionele middelen  |                      |   | € 50.000 |
| extra benodigde middelen  |                      |   |          |
| 2596  | 071 Green Office     | Loonkosten Ingrid de Vries extra 0,2 fte *        | € 19.184 |
| 2596  | 071 Green Office     | Inzet Liliane Geerling Convenant Schone Schelde** | € 4.640  |
| 2596  | 071 Green Office     | Inzet stagiair                                    | € 1.177  |
| Totaal extra benodigde middelen   |                      |   | € 25.001 |
| Totale begroting HZ Green Office  |                      |   | € 75.000 |
| * Uitbreiding I.de Vries is t.b.v. het verder ontwikkelen van community-based projecten en het aantrekken van daarvoor benodigde onderzoeksgelden, en betrokkenheid Sustainabul/ integrale duurzaamheid HZ<br>Yana Hadzhigeorgieva zal zoveel mogelijk de dagelijkse coördinatie van het Green Office onder haar hoede nemen.   |                      |   |          |
| ** Op 19 februari 2019 ondertekenden 28 partijen, waaronder HZ, het samenwerkingsconvenant Schone Schelde.<br>Hiermee onderkennen de betrokken organisaties dat zwerfvuil een probleem is en geven zij aan samen te willen werken om het probleem in en rond de Schelde aan te pakken.<br>Afgelopen jaar hebben Liliane en Ingrid veel eigen tijd gestoken in diverse citizen science projecten m.b.t. zwerfvuil.<br>De expertise van Liliane is een uitstekende match met de organisatiecapaciteit van het green office van "community-based" projecten.<br>Tevens blijken de opruimacties populair onder de studenten.<br>Afgelopen jaar hebben we 5 betaalde opdrachten uitgevoerd: voor Rijkswaterstaat 2 opdrachten macro-plastics en 2 opdrachten micro-en voor gemeente Vlissingen een opdracht naar zwerfafval in de Binnenhaven.<br>De opdrachten vormen interessante afstudeeropdrachten voor onze studenten. Een aantal van de studenten die hieraan hebben gewerkt dreigden door Corona studievertraging op te lopen, wat dankzij deze opdrachten is voorkomen.<br>Liliane en Ingrid hebben beiden 2 weken ontwikkelingstijd nodig op jaarbasis om uitvoering te blijven geven aan het convenant Schone en onderzoeksgelden te kunnen blijven aantrekken. De ontwikkelingstijd van Ingrid is al meegenomen in de extra 0.2 fte. |                      |   |          |