



2019

Annual Report
2019

**GOTHENBURG CENTRE FOR
SUSTAINABLE DEVELOPMENT (GMV)**



CHALMERS
UNIVERSITY OF TECHNOLOGY



UNIVERSITY OF GOTHENBURG



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Jan Pettersson, Director of Gothenburg Centre for Sustainable Development (GMV).

Collaborate Now and Beyond 2030!

2019 was a year of increased global awareness, concern and action for a more sustainable society. For us at Gothenburg Centre for Sustainable Development – GMV, the year was characterised by intensified action and collaboration with key stakeholders locally, nationally and internationally where we took several steps to consolidate and strengthen our ambitions for sustainable development at our two universities.

GMV was in lead position when Mistra Urban Futures – a well-established international centre for sustainable urban development – was re-organised and got new funding. The centre's eight partners decided to continue financing of a new organisation called Centre for Sustainable Urban Futures. At the same time a new centre – Global Sustainable Futures – was created jointly by Chalmers and the University of Gothenburg to accelerate and enhance work for sustainable development in low- and middle-income countries. The aim is to develop new research-based knowledge and utilisation for sustainable development in these countries together with partner universities and other actors. Both these new organisations are now a part of GMV.

For several years there has been a vivid student engagement for sustainability issues in Gothenburg. In 2019 the sustainability student organisations initiated dialogues with the universities' management teams on the academia's responsibility to act on climate change. They also arranged specific climate actions, meetings and demonstrations. There are at least twelve different student sustainability organisations at Chalmers and University of Gothenburg. Students from different programmes and disciplines come together, through the student sustainability hub run by GMV. These cross-sectorial student meetings facilitated by GMV are key factors for future professional collaborations and networking for sustainable development.

“Now is the time to move from talk to walk and speed up activities as the decade of action begins. But let us already now start to discuss what needs to be done also beyond 2030!”

The Swedish universities' climate framework was also an important milestone in 2019 and a good example of what collaboration can achieve. It was initiated by Chalmers and KTH Royal Institute of Technology to contribute to the Paris agreement's 1.5-degree goal. The University of Gothenburg also signed the climate framework, which consists of an overall statement of intent with commitments and guidance. The commitments include communication of climate work to inspire and disseminate knowledge to other actors.

Agenda 2030 and the Global Goals for sustainable development are an important framework for creating a better world; here the universities' knowledge and contributions are essential. Now is the time to move from talk to walk and speed up activities as the decade of action begins. But let us already now start to discuss what needs to be done also beyond 2030!

Read our stories on activities, networks and events from 2019 – and collaborate with us as we enter the decade of action!

Jan Pettersson
Director of GMV



The Gothenburg Centre for Sustainable Development (GMV) is a joint organisation to promote sustainable development within research, education and cooperation. It answers directly to the Vice-Chancellor of the University of Gothenburg, **Eva Wiberg**, and President and CEO of Chalmers University of Technology, **Stefan Bengtsson**.

The picture was taken at the conference *Rethinking Higher Education – Inspired by the Sustainable Development Goals* at Karolinska Institutet 30 March 2019.

Acting for Sustainability Through Knowledge and Collaboration



The Global Goals are integrated and indivisible, and balance the three dimensions of sustainable development: the economic, social and environmental. Learn more at www.globalgoals.org

The core task of *Gothenburg Centre for Sustainable Development (GMV)* is to facilitate cooperation between different academic disciplines at Chalmers and the University of Gothenburg as well as between the universities and other sectors in society. The overall goal is to generate and practically implement knowledge about sustainable development in order to meet global challenges and contribute to the achievement of the Global Goals.

17 Global Goals Calling for Joint Action

In 2015, world leaders agreed to 17 Global Goals, also known as the *Sustainable Development Goals* or *SDGs*. These goals and its 169 targets have the power to create a better world by 2030. Progress has been made but nowhere near enough to achieve the goals. Guided by the Global Goals, it is up to all of us – governments, businesses, academia, civil society and the general public – to work together to build a better future for everyone.

GMV is contributing by facilitating cooperation between researchers and other actors in society to ensure that knowledge about sustainable development is implemented in practice. All of our projects and initiatives are targeting contribution to the achievement of the goals. The GMV office staff, managing the planning and day-to-day activities of the centre, have extensive competence in sustainable development research, communication, project management, facilitating interdisciplinary processes, event planning and cross-border collaboration.

In this annual report you can read about some of the work performed during 2019.



Researchers Staffan Appelgren and Anna Bohlin, from the University of Gothenburg, sharing their experiences on how to translate research into the exhibition *Human Nature* at the Museum of World Culture. The presentation was part of a network meeting with the *Research Network for Sustainable Development*, coordinated by GMV.

Bringing Competences Together

In a time of urgent need for researchers and practitioners from many different disciplines to come together with their various perspectives on sustainable development, GMV creates meeting places, both for researchers from various disciplines within the universities and also for academia, business, authorities and civil society through several networks and collaboration projects.

Multidisciplinary Research Network for Sustainable Development

Around 560 researchers and PhD students from 40 different departments at Chalmers and the University of Gothenburg are part of the *Research Network for Sustainable Development* administered by GMV. In 2019 we strengthened the resources for the network by employing a network manager, which has enabled more activities and dialogue. During the autumn we organised two research lunches, an information meeting about the new Formas call *Realising the Sustainable Development Goals* together with the *Grants and Innovation Office* at the University of Gothenburg, and a network meeting about stakeholder interaction and research communication.

560

560 researchers and PhD students from over 40 departments at Chalmers and the University of Gothenburg are members of the Research Network for Sustainable Development. 49 new members joined the network during 2019.

SDGs in an (Anti)globalized World – a Blessing or a Curse for Sustainable Development?

What does current research say about the relationship between globalisation, antiglobalization and sustainable development, and what more do we need to know? These were some of the questions that was raised and discussed during a research lunch meeting co-arranged by GMV and *Gothenburg Centre of Globalization and Development (GCGD)*. The participants discussed future collaboration between researchers interested in growing nationalism, populism and anti-globalisation trends around the world, and how these trends may influence the fulfillment (or not) of the SDGs.



Researchers Martin Hultman at Chalmers and **Maria Edström** at the University of Gothenburg are members of the Research Network for Sustainable Development and participated in the live recording of the podcast *Målmedvetenskap* during the *Gothenburg Science Festival*.

Action-oriented Northern European Network

During 2019, the *Sustainable Development Solutions Network (SDSN) Northern Europe*, has increased its focus on the Global Goals in universities. Several activities have been directed towards this theme. For example, a new communication channel for SDG's in Universities has been launched for global exchange of experiences and best practice. Additionally, the web tool *SDG Impact Assessment Tool*, developed by GMV, has been successfully tested in research and education and disseminated within the network, both within the Nordic region and globally. In collaboration with GMV, SDSN Northern Europe has been responsible for the international launch of the tool. It has been presented at the *International Conference on Sustainable Development* and at the *Global Solutions Forum* during the UN Week in New York. The tool was also used in identifying 20 sustainable solutions for improved air quality in the *Air Solutions Report* and for the *Solutions Initiative Forum – Air*.

SDSN Northern Europe also contributed in making policy recommendations for the upcoming Finnish *European Union (EU)* Presidency.

SDSN Northern Europe is the Nordic chapter of the global SDSN network, which was launched by UN Secretary-General Ban Ki-moon in 2012. The focus is to mobilise Nordic scientific and technological expertise to create a more sustainable society.



The **Air Solutions Report** describes the sustainability challenges of air pollution and presents some examples of solutions from the Nordic countries to show that a sustainable society with improved air quality for all is possible. The report was presented during the *Solutions Initiative Forum – Air*.

Supporting Young People's Engagement

SDSN Youth in Northern Europe took part in several projects during 2019. Among these, *ReGeneration 2030* had its second annual summit held in the Åland Islands, Finland. This summit focused on lifestyle changes for a sustainable world with a focus on SDG 12: *Responsible consumption and production*. The summit gathered around 70 young people from the Nordics and Baltic Sea regions. In 2019 the network also launched the new initiative *SDG Action Alerts* which is an action-oriented email newsletter encouraging people all over the world to take concrete action for the SDGs.

49

SDSN Northern Europe is a network comprising 49 universities and knowledge institutions in Sweden, Finland, Denmark, Norway and Iceland.

30

SDSN Youth in Northern Europe has 30 member organisations.



Participants at the 10 year anniversary of **Focali**, a research network engaging in forest, landscapes, climate and livelihood issues.



Through an interview with a researcher participating in a course, a story outlining the hazards of chemicals in milk in Kenya was written in collaboration between AgriFoSe2030 and SIANI, two programmes with the shared goal of reducing poverty and eradicating hunger. By the outreach of SIANI's communication channels, the story in turn resulted in a collaboration between the research-group and a Kenya-based NGO working to improve the sanitation and hygiene in milk production and trade. This is a great example of how collaborations between programmes and networks striving towards the same goal can result in new, action-oriented collaborations."

Linda Hansson, assistant theme leader of research programme *Agriculture for Food Security 2030 (AgriFoSe2030)* at GMV.

10 Years of Connecting Forest, Climate and Development Issues

In November 2019, the *Forest, Climate, and Livelihood research network (Focali)*, hosted by GMV, celebrated its 10-year anniversary at the Museum of World Culture in Gothenburg. Members and partners from a broad range of disciplines and institutions in Sweden and internationally, participated in vibrant discussions on the thematic areas of forest, landscapes, climate and livelihood issues, as well as what role science and networks such as Focali can play in these times of populism and climate crisis. The discussions brought up issues ranging from climate denialism to how to improve research – policy – practice dialogues. The multidisciplinary research network Focali has around 100 members at universities and research institutes across Sweden, and collaborates closely with the Sida-funded *Swedish International Agriculture Network Initiative (SIANI)* on issues related to landscapes and food-security.

Cooperation to Reduce the Climate Impact of Freight Transport

2019 saw increasing calls for urgent climate change mitigation. The network *Climate-neutral Freight Transportation (KNEG)*, continued its work towards climate neutral freight transportation. The members continued to lower their transport emissions, with the main contribution coming from increased use of renewable fuels. Despite this, emissions from road transportation increased in Sweden during 2019 with higher transport volumes, thus breaking the trend of declining emissions from road freight transport. This brought KNEG to shift focus towards customer demands and behavior of transport buyers. During the year, KNEG arranged a workshop on sustainable food transportation where actors along the food supply chain were invited, held a public seminar at the annual political week in Almedalen to discuss policy options for sustainable transportation, and arranged a conference together with the *Network for Transport Measures* and the *Swedish Transport Agency*.

Strengthening the Regional Partnership Between Actors in West Sweden

In 2019, the *GAME Network* continued its work with the collaboration forum *Agenda 2030 in West Sweden*, which aims to strengthen the regional partnership between actors in West Sweden with capacity and interest in contributing towards the achievement of the SDGs. Headed by GMV, the network focuses on connecting businesses, regional authorities, research organisations and civil society to stimulate cooperation and innovation for sustainable development in West Sweden. During the year, four seminars with workshops and one conference with three parallel workshops attracting 140 participants were organised, as well as a seminar during the political week in Almedalen. Topics have been sustainable consumption, food waste, social construction and living, and protein-rich food from the ocean, and activities have been organised in four different locations in the region.



“If there’s still anyone thinking that it’s risky to invest in climate smart trucks – well, then maybe it’s time to turn the question around. What risk is it to retain large fossil driven truck fleets? How long until these trucks are barred from our cities, and just how much of their value will be lost when new rules are introduced?”

Sofia Nordström, Marketing at FordonsGas, member of KNEG.



The 2019 European Aerosols Conference (EAC2019) hosted by Gothenburg Air and Climate Network (GAC) gathered nearly 1000 participants. On stage in the picture is Mattias Hallquist, Professor, Atmospheric Science, University of Gothenburg, and chair of the local organising committee of EAC2019.

A Network of Atmosphere and Climate Researchers

The Gothenburg Air and Climate Network (GAC) is 250 researchers from more than 20 research environments in West Sweden. The network strives to increase cooperation and coordination of resources and activities in atmospheric science and climate research. GAC began 2019 by initiating a monthly seminar series that combined PhD student presentations with high-profile reports from the *Intergovernmental Panel on Climate Change (IPCC)* and other guests. After years of planning GAC acted as the local host, with their regional partner the *Nordic Society for Aerosol research*, for the 2019 European Aerosols Conference with nearly 1000 participants. GAC also sponsored a *Shipping and Environment Conference*. Many GAC partners participated in the final PhotoSmog project meeting in Beijing, which included a day at the Swedish Embassy where the links between air pollution and environmental policy were discussed.

Spreading Knowledge About Sustainable Work Life

Through its popular seminar series, *Work and Employment Research Centre (WE)* continued to spread research results about sustainable work life to a wide audience of public and private actors. The much appreciated seminars have this year addressed psychological well-being and stress in work life, gig- and platform economies, retirement or the possibilities to continue to work in old age, salary setting and equal salaries, the work environment of activity-based offices, people’s attitudes to work, and new perspective to knowledge building in work life. The centre has also arranged activities focused on researchers in form of a full day seminar with discussions on whether we see an upgrading or polarisation on the Swedish work market. Moreover, WE has arranged a research lunch focusing on work life and sustainability, discussing for example how adjustments in society to lower climate impact will affect our future work life and occupational patterns.



Implementing Research Findings and Providing Knowledge

GMV increases the implementation of research findings in society and provides knowledge for sustainable development, both within Chalmers and the University of Gothenburg and to other organisations, businesses and public actors.

Enhancing Environmental Integration in Swedish Development Cooperation

Experts at GMV serve as advisors to the *Swedish International Development Cooperation Agency (Sida)* in order to help them to better integrate environmental perspectives in Swedish development cooperation. This support is provided in a government collaboration, together with experts at the *Swedish University of Agricultural Sciences (SLU)* in Uppsala, through a joint *Helpdesk for Environment and Climate Change*. In 2019, the collaboration with Sida was extended another two years to 2021. During the year the helpdesk organised several in-service trainings on environmental and climate integration for staff at Sida and partner organisations. By supporting integration of climate and environmental considerations in Swedish development cooperation, this advice contributes in very concrete ways to Sweden's and the partner countries' operationalisation of Agenda 2030.

Leading a new Erasmus+ Programme on Strategic Environmental Assessment in Asia

During 2019 GMV was awarded EU Erasmus+ funding and started to implement a capacity building programme on *Strategic Environmental Assessment (SEA)* among six universities in Asia, and three universities in Europe. Countries involved include Bangladesh, Lao PDR, Vietnam, Portugal, Sweden and Denmark. The programme will run for three years and strengthen higher education teaching of SEA. University of Gothenburg is for the first time lead institution in an Erasmus+ programme. The programme promotes building up of masters programmes on SEA, strengthen collaboration with actors outside academia, and promote research – policy interaction via enhanced use of SEA.

200

In 2019 the *Helpdesk for Environment and Climate Change* carried out over 200 assignments for Sida. The collaboration includes expert support in Sida projects and programmes, international processes, country and regional analyses and support for development of methods and skills in Sida.

A Joint Platform for Sustainable Development in Africa, Asia and Latin America

Chalmers and the University of Gothenburg have decided to establish a joint collaboration platform for research, education and utilisation to contribute to sustainable development in low- and middle-income countries, namely countries in Africa, Asia and Latin America. The platform is based on years of experience from previous and ongoing collaboration initiatives as well as interest from engaged researchers, teachers and management at the universities. Through the new collaboration platform, both universities want to develop new research-based knowledge for sustainable development with universities and other partners in low- and middle-income countries. The work also aims at contributing to the utilisation of this knowledge in collaboration with important societal actors.

Coaching on Sustainable Urban Water and Sanitation in Asia

Water is essential for all life on earth, and therefore key to sustainable development. A very large proportion of those living in poverty lack access to clean water and basic sanitation. GMV contributes to the Sida-funded international training programme *Sustainable Urban Water and Sanitation (SUWAS)* through a mentorship role for participants from Asia. The programme aims to help the countries to achieve SDG 6: *Clean water and sanitation*, by supporting individuals and key organisations in adopting more sustainable, inclusive and integrated water and sanitation solutions for people living in poor urban areas. Two programmes per year, with 30 participants each time, have been implemented. SUWAS started in 2016, and when the programme ends in 2020 the organisations of around 500 individuals from five Asian and five African countries will have increased capacity to provide universal and equitable water, sanitation and hygiene services.



Realising Just Cities – Lessons, Impacts and Outcomes

In October, *Mistra Urban Futures* partners gathered in Sheffield, UK, for the *4th Annual Realising Just Cities Conference*. As the *Mistra Urban Futures* programme was drawing to a close, the overarching theme was *Impacts, Lessons and Outcomes*. In the picture, **Henrietta Palmer**, *Mistra Urban Futures* and **Åsa Moberg**, *Mistra*.



“The programme has an action-learning methodology and primarily targets organisations, not individuals, and efforts are made to establish long-term relationships with key organisations.”

Gunilla Ölund Wingqvist is a mentor for participants from Myanmar, supporting the development and implementation of the participants' change projects the capacity building programme SUWAS, and works as a policy analyst at GMV.

Capacity Building Programme on Inclusive Green Economy in East Africa

During 2019 GMV implemented a capacity building programme on *Inclusive Green Economy (IGE)* in East Africa. It included fifteen senior government civil servants from Ethiopia, Kenya and Rwanda. It targeted sectors critical for a transformation towards an inclusive green economy in the selected countries. The program aims at strengthening low-income countries' capacity for conversion to an inclusive green economy through increased knowledge and application of economic instruments, organisational change, and building national systems for green economy applications in practice and promotion of transparent institutions.

In the programme, GMV collaborated with partners like *Global Green Growth Institute* in Rwanda, the *Swedish Environmental Protection Agency*, the *Swedish Tax Authority*, and universities and green economy practitioners in the East Africa region. The participants successfully managed to implement so called green economy organisational change projects, in which they made practical use of green economy approaches and analytical tools in their respective organisations.



Sverker Jagers and Åsa Löfgren, researchers at University of Gothenburg, participated as experts through video link in the Inclusive Green Economy training for fifteen high-level civil servants that GMV and partners carried out in Nyamata, Rwanda during September 2019.

22

In 2019, 22 doctoral students from various disciplines and departments participated in and successfully passed the interdisciplinary PhD course *From Research to Policy for Sustainable Development*, organised by GMV. The course gives doctoral students from Chalmers, University of Gothenburg and other Swedish universities an understanding of political decision-making as well as tools to effectively inform with policy- and decision-making processes, engage with stakeholders and improve their communication skills.

Strengthening Researchers in Strategic Cooperation for Sustainable Development

Research plays an important role in the implementation of Agenda 2030. GMV has the ambition to disseminate and strengthen knowledge and support researchers who want to bridge the gap between research and decision-making. GMV arranged courses and workshops in various contexts during 2019. Within the framework of the Sida-funded programme *Agriculture for Food Security 2030 (AgriFoSe2030) – Translating Science into Policy and Practice*, GMV organised a three-day course in Nairobi on research-policy interaction for 30 researchers in Africa.



“We are a bit surprised, and also proud, that the tool has spread so widely. Sustainable development is complex and we have great respect for the fact that different types of businesses have different conditions to work towards the Global Goals.”

Anders Ahlbäck, Project Manager at GMV
about the SDG Impact Assessment Tool.

1300

By the end of 2019, the SDG Impact Assessment Tool developed by GMV had more than 1300 users among venture capital companies, innovation offices, universities, small companies, sustainability consultants, and municipal companies.

Getting Started with the Global Goals

In the beginning of 2019, the *SDG Impact Assessment Tool* was launched. This is a free online tool to help the academia and other businesses to describe their impact on the 17 Global Goals. The purpose is to raise the level of awareness about the Agenda 2030 and to strengthen users' contributions to sustainable development.

The tool is developed by GMV in collaboration with SDSN Northern Europe and *Mistra Carbon Exit*, and with financial support from the Region Västra Götaland via the *Maritime Cluster of Western Sweden*.

Almost a year since the launch, the SDG Impact Assessment Tool has spread like a seed in the wind. It has reached far beyond Sweden's borders and has spread to far more types of operations than expected.

Developing Methods to Evaluate Collaboration

At universities there are a number of activities that take place in collaboration with the community such as research projects, networks and strategic initiatives, which are based on different collaboration models. In Vinnova's so-called *K3 program* (the knowledge triangle), several initiatives have been launched to strengthen the collaboration capacity of the Swedish higher education institutions. One of these projects, *Agenda 2030 and the Global Goals for sustainable development as a framework for collaboration (Agera)*, is coordinated by GMV. By developing methods for evaluating collaboration initiatives and their contribution to the Global Goals, Chalmers, the University of Gothenburg and six other Swedish participating educational institutions strengthen their internal processes to spur and encourage employees to take on sustainable development. In 2019, case studies with a collaborative perspective were assessed using the SDG Impact Assessment Tool.

Carbon Offsetting Funding New Projects

GMV has the operational responsibility for developing and following up the environmental management system at the University of Gothenburg. The university carbon offsets all work-related air travel through an internal climate fund administered by GMV. Staff and students can apply for grants from the fund to finance projects designed to reduce the University's climate impact. An important purpose of the climate fund is to enable researchers, teachers, students and other employees to actively participate in our common climate efforts. In 2019, 16 different projects were granted funding.

The University of Gothenburg at the Top of Global Ranking

The University of Gothenburg is on sixth place when *Times Higher Education* ranks the world's higher education institutions based on the SDGs, and is ranked as number one based on SDG 4: *Quality education*. In its ranking, the Times Higher Education look into more than 460 universities from the whole world, based on criteria from 11 of the 17 SDGs in Agenda 2030.

Supporting the Integration of Sustainable Development in Education

A series of forums was arranged by GMV in 2019, with a focus on sustainable development in higher education. The forums have become a platform for various actors to meet and discuss how sustainable development can be integrated at the University of Gothenburg and Chalmers. Various issues have been addressed, such as curriculum innovation, climate pedagogy and general trends in higher education. There has also been a workshop where participants reflected on selected courses with the dual purpose to serve as a start-up initiative to integrating sustainability into courses with no earlier effort to integrate sustainability, and to accelerate already existing initiatives to reorient courses towards sustainable development. Each occasion has gathered a wide range of lecturers and participants from different disciplines and roles; researchers, employees and students.

§ "The higher education institutions shall promote sustainable development to assure a sound and healthy environment, economic and social welfare, and justice for present and future generations."

From the Swedish Higher Education Act.



Popular Science Talks on the Global Goals at Ekocentrum

GMV arranges popular science talks on how the Global Goals are connected. For example the SDG 8: *Decent work and economic growth* and SDG 12: *Responsible consumption and production* are linked together via the targets on sustainable tourism. In November, Erik Lundberg director at the *Centre for Tourism* and Jörgen Larsson from Physical resource theory talked on flight travel, tourism and future travelling. Both of them have been involved developing the web tool travelandclimate.org



“In the area of sustainability in general, but especially in the climate issue, I believe that one should work together. If someone is sitting on a key for good climate work, they should share it.”

Maria Djupström, Sustainability Strategist at Chalmers.

Climate Framework for Swedish Universities

The challenges posed by the climate requires changes from all sectors of society. Universities and colleges have a central role to play in this work. University of Gothenburg has, together with over 30 other Swedish universities, joined the *Climate framework* initiated by Chalmers and KTH Royal Institute of Technology during 2019. The framework acts as the starting off point for developing specific climate strategies at those universities who have signed up. The goal is to contribute to national and international measures to keep to the 1.5C warming limit. The focus of the climate framework is on the emissions from universities' own activities (direct impact), but it also addresses the impact from our core operations; education, research and collaboration (indirect impact).

Plant-based Food Inspiration

Veggie at my place is a student initiative that now also includes staff at Chalmers and the University of Gothenburg. The scope of the project is to inspire more people to eat more plant-based food through inviting each other to vegetarian dinners and sharing recipes and experiences. During 2019, 220 persons between 19 and 62 years from 30 different countries participated. The project finished with a brunch for all participants prepared with rescued food that otherwise would have been wasted.

Lead University for SDG 8

The University of Gothenburg, as part of the *International Association of Universities (IAU)* and its *Higher Education and Research for Sustainable Development (HESD) Cluster*, has been acting as lead university on SDG 8: *Decent work and economic growth*. Every goal has its lead university, with connecting satellite universities, resulting in a global network of universities coordinating different goals.

Student Hub for Sustainable Development

GMV has the task to support student initiatives within sustainability at Chalmers and the University of Gothenburg. Both institutions have several active student associations in the field, all of which work together within the framework of *Gothenburg Students for Sustainability Alliance (GSSA)*, coordinated by the GMV student hub.

In April, representatives from GSSA held a meeting with the President and CEO of Chalmers and Vice-chancellor of the University of Gothenburg, and a few others from the management teams at both institutions. The meeting discussed how to reduce climate impact and increase the integration of sustainable development in education.

The GMV newsletter for students was launched in 2019, which by the end of the year reached 800 subscribers.

The Annual Sustainability Week for Students, Now Also for Faculty

The 2019 edition of *Act Sustainable* included a new more holistic feature. Previous years the week-long sustainability event has focused on inspiring, educating and engaging students at Chalmers and the University of Gothenburg in sustainable development and sustainability issues. Beside the students, this year's program included events specifically targeting faculty or students and faculty. The broader approach opened up the concept to include additional aspects of academia and higher education, and how it relates to sustainable development.

As a conclusion to the week, students and faculty could participate in the first ever award ceremony for *University of Gothenburg's Sustainability Thesis Award (GUSTA)*, held in ceremonial fashion at *Röhsska Museum of Design and Art*. The GUSTA award recognises outstanding theses written on sustainable development related topics. The jury, which consist of five professors from different faculties, appointed two winners: Sandra Sternad Fackel, School of Global Studies, and Ryan Davis, Department of Political Science, Centre for European Studies.



The IT Faculty arranged a full day programme at Act Sustainable. The final event of the full day was the award ceremony in the workshop *Design Ethics Towards Sustainable Futures*. Eight teams, with students mixed from different backgrounds and a broad range of programmes, worked intensively throughout the afternoon to create ethical and sustainable solutions to a variety of societal problems.



Sandra Sternad Fackel, one of two awardees of the GUSTA Award 2019. The GUSTA Award recognises outstanding theses written on sustainable development related topics by students at the University of Gothenburg. Sandra was awarded for her bachelor thesis on the Agenda 2030 work in the municipality of Värnamo.

Conversation Relay Race Kept on Going

The GMV-produced podcast *Målmedvetenskap* released two new episodes during 2019, one of which was recorded as a live event crossover with the podcast *Klimatpodden*. Each episode stars one researcher from Chalmers and one from the University of Gothenburg and is centered around a conversation about research, collaboration and the SDGs. The series is structured as a conversation relay race, each episode ends with one of the researchers inviting a new researcher to the next episode. In the picture, Tomas Kåberger, Chalmers, and Maria Edström, University of Gothenburg.



Cross-boundary Meetings



February

13

Public Lecture on SDG 17: Global partnerships

During the lecture, examples were given of two projects at GMV working with partnerships at regional and global level, GAME and SDSN Northern Europe.

19

Mental illness and stress in working life

Seminar arranged by WE.

25

Education for Teachers about SDG 2: No hunger

Kristina Snuttan Sundell, Biological and Environmental Sciences, University of Gothenburg, Madelene Ostwald, GMV and Space, Earth and Environment, Chalmers, **Rasmus Einarsson**, Space, Earth and Environment, Chalmers.

The SDGs specify what sustainable development means in practice and that it is necessary for researchers and practitioners to meet and find solutions together. Collaboration can access greater resources and is key when facing complex challenges. Here you can read about some of the collaborative actions that GMV participated in or organised in 2019.



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Engagement with Climate Change in Higher Education

The 5th forum in the series on sustainability in higher education, a platform for researchers, employees and students at the University of Gothenburg and Chalmers.

March

21

Stepping up Swedish Action on Tropical Deforestation

Dialogue on International Day of Forests organised by Focali, SIANI and GMV aiming at identifying entry points for Swedish actors who want to help reduce tropical deforestation.

April

10

Climate and Sustainable Cities

Public lecture on SDG

11: *Sustainable cities and communities* and SDG 13: *Climate action* with Ylva Norén Bretzer, The School of Public Administration, University of Gothenburg, and **Maria Taljegård**, Space, Earth and Environment, Chalmers. The lecture was part of GMV's open lecture series about research and the Global Goals.

10

Education for Teachers about SDG 12: Sustainable production and consumption

Anneli Selvefors, Industrial and Materials Science, Chalmers, and Nanna Rask, Sida Alumni.

May

23

The Effects of Citizen Dialogue in Urban Planning

Urban Lunch-time seminar organised by Mistra Urban Futures.



27

Exploring Perspectives on Education for Sustainable Development

The 6th Forum for Sustainable Development in Higher Education. Speakers: **Hanan Innabi**, Senior lecturer of mathematics education, University of Gothenburg, **Sally Windsor**, Senior Lecturer at the Department of Pedagogical, Curricular and Professional Studies, University of Gothenburg and **Magdalena Svanström**, Professor of Sustainability Studies at the Division of Environmental Systems Analysis, Chalmers.

June

30

Does Polarisation Between City and Countryside Decrease with Better Site Development?

Seminar at the annual political week in Almedalen arranged by Mistra Urban Futures through Västsvenska Arenan and Chalmers.

July

2

"Social Washing" – Or Change for Real?

Seminar at the annual political week in Almedalen arranged by Mistra Urban Futures through Västsvenska Arenan and University of Gothenburg.

Round Table Discussion when Ulrika Modéer Visited GMV

Ulrika Modéer is the Assistant Secretary General and Director of Bureau of External Relations and Advocacy at UNDP. In May she visited Gothenburg and participated in a round table discussion about research-policy interaction and the role of universities in Agenda 2030.



September

11

Sicker, Fatter, Poorer – The Urgent Threat of Hormone-disrupting Chemicals to Our Health and Future, and What We Can do About it

Seminar organised by the Centre for Future Chemical Risk Assessment and Management Strategies, (FRAM). GMV is part of FRAM, with a mission to communicate and disseminate research results and promote research-policy interactions.

16

SDGs in an (Anti)globalised World – a Blessing or a Curse for Sustainable Development?

Researchers' lunch arranged by GMV and Gothenburg Centre of Globalization and Development (GCGD).

August

24–26

ReGeneration 2030 Summit: Changing Climate, Changing Lifestyles!

Karin Bylund, SDSN Youth in Northern Europe, participated at the *ReGeneration 2030 Summit*, Åland, Finland, a non-profit initiative led and organised by teenagers and young adults of the Nordic and Baltic Sea regions.

24–26

European Aerosol Conference 2019

Organised by the Nordic Society for Aerosol Research (NOSA) together with GAC.

3

Clean Flour in the Trash Bag? – Adopt the fight against food waste in Sweden!

Seminar at the annual political week in Almedalen arranged by GMV, Agenda 2030 i Väst, Win Win Gothenburg Sustainability Award, Focali and Siani.

3

A Sustainable Transport Sector in 2030 – How Do We Get There on Time?

Seminar at the annual political week in Almedalen arranged by KNEG.

9–18

The UN High Level Political Forum



WIN WIN Award Ceremony

Arash Derambarsh, a lawyer and city councilor in the city of Courbevoie, France, received the *WIN WIN Gothenburg Sustainability Award*, on October 31. Arash Derambarsh received the award for his persistent work and an unfaltering commitment to reducing food waste in France. Chalmers and the University of Gothenburg are partners of the award and the WIN WIN Award office is located at GMV.



17

Activity-based Offices – Good or Bad Work Environment?
Seminar arranged by WE.

18

Agenda 2030 in Practice – Lessons from Socio-environmental Work in Brazil
Seminar arranged by Focali.

19

Education for Teachers about SDG 1: No poverty
Bent Jörgensen, Global Studies, University of Gothenburg, and Sandra Valencia, Mistra Urban Futures, Chalmers.

20

Agenda 2030 in West Sweden Forum Meeting
Agenda 2030 in West Sweden organised a forum meeting, as part of the first national conference on social construction in Sweden. The forum meeting, which consisted of a seminar and workshop, focused on how different forms of social construction, such as housing and construction communities, can contribute to the Global Goals.

27

Forest Tenure Reform in the Amazon – A Path to Livelihoods and Tenure Security for Local People?
A Focali-LARRI-SIANI lunch seminar.

October

9

Sustainable Development and Working Life
Researchers' lunch arranged by WE.



9

Life on Land and in Water – Global Goals 6 & 15
Public lecture on SDG 6 and 15 with **Johan Höjesjö**, Biological and Environmental Sciences, University of Gothenburg, and Ulrika Palme, Technology Management and Economics, Chalmers.

10

Chemicals Management in Practice in Real Textile Value Chains
Seminar arranged by FRAM.

14

Education for Sustainable Development – This is How You Do!
Tools and inspiration for teachers, teacher students and school leaders in a workshop arranged by GMV.

Teacher Training Series on Agenda 2030

GMV's teacher training series aims at providing teachers with inspiration and the tools they need to teach schoolchildren about the Global Goals. At five occasions at Universeum and the Museum of World Culture, researchers from Chalmers and the University of Gothenburg gave inspiring talks on their research. 14 October UNDP Sweden presented their work on Agenda 2030 and in workshops teachers shared their experiences teaching on the Global Goals. In the picture, **Viktoria Åman**, Educator, Universeum and **Lisa Stenvinkel**, Project Officer, UNDP Nordic Office.



15

Realising Just Cities – Lessons, Impacts and Outcomes

The 4th Annual Realising Just Cities Conference in Sheffield, United Kingdom, focuses on lessons, impacts and outcomes since the start of Mistra Urban Futures in 2010 but with particular emphasis on the current 2016-19 phase of closer international collaborative and comparative research now coming to an end.

18

Reorienting Your Course Towards Sustainable Development
The 7th Forum for Sustainable Development in Higher Education. In this workshop, the participants reflected on selected courses from the University of Gothenburg and Chalmers and examined to what extent the courses are oriented towards the sustainable development agendas.

22

Towards Upgrading or Polarization? – Changes in the Swedish Occupational Structure from an International Perspective
Full day seminar arranged by WE.

30

How Can Research Contribute to Reduced Food Waste?
GMV and Win Win Gothenburg Sustainability Award invited to a Researchers' lunch to discuss future collaboration between researchers interested in how reducing food waste can contribute to achieving the SDGs.

November

5

Focali Annual Meeting & 10-year Anniversary
The Focali network, hosted by GMV, celebrated its 10-year anniversary at the Museum of World Culture in Gothenburg.

4–9

Act Sustainable
Inspiration week on sustainability for students and staff at Chalmers and University of Gothenburg, including Chalmers Sustainability Day.

5

How Can Schools be Supported in Work on Sustainable Development? – Learning Sustainable Meals
Workshop for teachers, school leaders, researchers and others interested in education for sustainable development arranged by Mistra Urban Futures in cooperation with Göteborgsregionen (GR), Swedish Council for Higher Education/Global school and GMV.

6

Sustainable Tourism
Public lecture on SDG 8 and 12 with Erik Lundberg, Centre for Tourism, University of Gothenburg, and Jörgen Larsson, Space, Earth and Environment, Chalmers.



Stakeholder Interaction for Sustainable Development: How Can Researchers More Effectively Communicate and Engage With Policy-making and Wider Society?

Network meeting and dinner with the Research Network for Sustainable Development at Museum of World Culture in Gothenburg. Over 40 members met to share good examples and discuss how to strengthen communication and cooperation with stakeholders and other actors in the society. In the picture, **Daniel Slunge**, researcher and Policy analyst at GMV.



15

Information Meeting and Match-making Activity on the Formas Call "Realising the Global Sustainability Goals"

Organised by GMV in collaboration with the Grants and Innovation Office and Formas.



"We are now able to initiate and support more activities that bring sustainability oriented researchers from different disciplines together. Moreover I am very interested in research utilization and how we can strengthen the capacity of researchers to impact public opinion, policy and societal change."

Caroline Petersson, manager for the GMV Research Network for Sustainable Development since 2019.

20

Agenda 2030 in Western Sweden's Annual Conference

Arranged in partnership with CSR Västsverige and the campaign *Glocala Sweden*.

December

5

Swedish Public Inquiry on How to Manage Chemical Mixtures and Address Chemicals as Groups

FRAM seminar with Professor Christina Rudén, Stockholm University, and chair of the Special Inquiry will present the report SOU 2019:45, *Future*

chemical risk management – Accounting for combination effects and assessing chemicals in groups.

11

Big Cities' Equality Work – What Does it Look Like?

Urban Lunch-time seminar organised by Mistra Urban Futures.

11

Does the Proteins of the Future Come From the Sea?

Agenda 2030 in West Sweden forum meeting arranged in collaboration with Maritima klustret i Västsverige, *Innovatum Science Park* and *Kristineberg Center*. Speakers, among



others, **Kristina Snuttan Sundell**, Biological and Environmental Sciences, University of Gothenburg, and **Ingrid Undeland**, professor of Food science, Department of Biology and Biological Engineering, Chalmers.

12

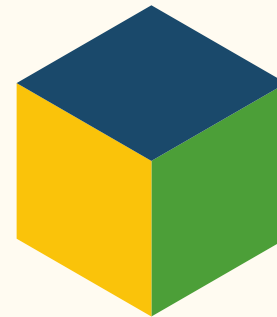
New Perspectives on Knowledge Development in Working Life

Seminar arranged by WE.



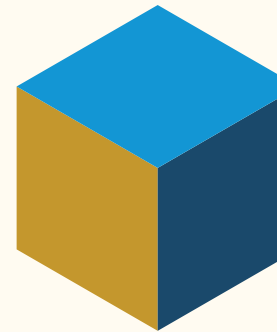
EuroEnviro2019

The student organisation *Social Science Environmental Student Association (SSESA)* at the University of Gothenburg hosted *EuroEnviro 2019*, one of the world's largest student-led symposium on sustainable development. During five days in the spring, 63 students from all over Europe met to discuss transdisciplinary solutions to global challenges.



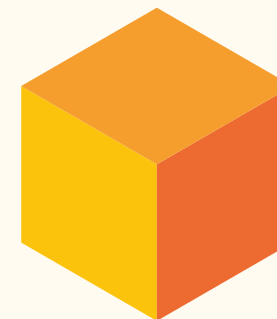
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