

2D EDITION

GREEN MIND UNIVERSITY 2018

MAY 22, 2018
BRUSSELS

LA TRICOTERIE
RUE THÉODORE VERHAEGEN 158
1060 BRUSSELS

9:00 AM - 6:00 PM

powered by



GREENFISH

On behalf of Greenfish and its partners InnoEnergy, Cluster Tweed, WBI, GreenWin and The Shift, we are delighted to welcome you to the 2nd edition of the **Green Mind University** on the 22nd of May 2018.

The **Green Mind University** is a dynamic forum for international and contrasting discussions on pressing sustainability issues:

CIRCULAR ECONOMY'S INNOVATIONS

BIO-ECONOMY

THE FUTURE OF MOBILITY

SMART CITIES

ENERGY STORAGE & EFFICIENCY

PRACTICAL INFORMATION



VENUE /

LA TRICOTERIE
Rue Théodore Verhaegen, 158
1060 Brussels

Free entrance - Registration required

Information: gwirtz@greenfish.eu and veles@greenfish.eu

Registration on the website: <https://www.greenfish.eu/green-mind-university-2018/>



OUR POSITIVE SUPPORT

By organising the Green Mind University at La Tricoterie, we also act on the ecological footprint of the place. La Tricoterie has many electrical appliances which are necessary for its activities: stage projectors, audiovisual equipment, cold rooms, professional ovens, etc. With its 1.200 m², La Tricoterie has a large roof with a well positioned slope, which would allow the installation of 40 photovoltaic panels. This would generate up to 25% of its electricity in a 100% ecological way. The renovation of the building has already been programmed to optimise thermal insulation and a double-flow air renewal system has been put in place. Funding for the installation of these photovoltaic panels will allow to continue the rehabilitation of this old factory in a logic of sustainable development.

TRANSPORTS

BY CAR



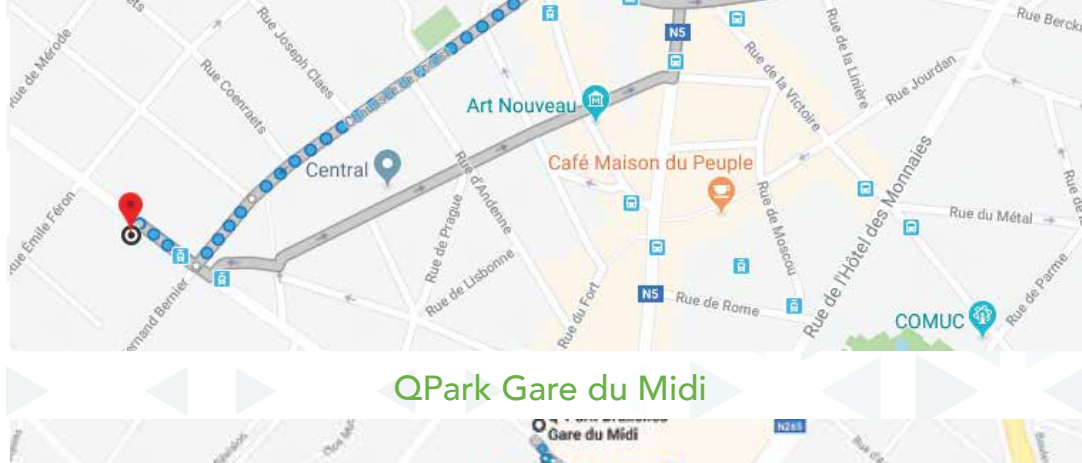
InterParking Porte de Hal

Boulevard de Waterloo 103 A, 1000 Brussels - 8 min. by foot

QPark Gare du Midi

Rue de France 40, 1060 Brussels - 10 min. by foot

InterParking Porte de Hal



QPark Gare du Midi



BY PUBLIC TRANSPORT



Tram line: 81

Stop: « Bethléem » - In front of La Tricoterie

Bus lines: 32 - 49 - 50

Stop: « Avenue du Roi » - 5 min. by foot

Metro lines: 2 - 3 - 4 - 6

Stop: « Porte de Hal » - 5 min. by foot



BY VILLO!

Villo! Station n°344: Place Bethléem

ABOUT OUR SPEAKERS

Professor at ULiège / GEOPOLITICS AND ENERGY

In 1998, Damien Ernst graduated from the University of Liège. He did his master thesis on electricity networks, focusing on loss of synchronism phenomena that can lead to blackouts in a matter of seconds. He changed direction for his doctoral thesis (which he defended in 2003), to focus on reinforcement learning. This was during his three-year post-doctoral research, funded by the FNRS and spent at CMU and MIT in the USA, and at ETH in Zurich. Damien Ernst then headed to France, where he was a professor at Supélec, an engineering school in Rennes. He then returned to the FNRS (2007-2011) as a research associate, where he continued his work on reinforcement learning. During the period 2011-2016, he has held the EDF-Luminus Chair on Smart Grids at the University of Liège. Damien Ernst is now working at the University of Liège, as a full professor. He is doing research in the fields of energy and Artificial Intelligence.



SAMUELE FURFARI

Advisor, DG Energy, EU Commission, and Professor at the Université Libre de Bruxelles / GEOPOLITICS AND ENERGY

Samuele Furfari earned a BSc degree in chemical engineering from the ULB. He received his PhD from the same university with a thesis in the field of energy. He is working since more than 34 years at the European Commission where he has devoted his entire career to energy. He designed and implemented various energy policies and sustainable development. He currently contributes to the coordination of various energy policies by advising the Director General. Samuel also teaches Geopolitics of Energy at the ULB. He works also for the European Energy Forum which is a group of Members of European Parliament. He is regularly invited to speak at conferences throughout all Europe and in the media. He is the author of 10 books on energy and sustainable development.



BENNY KIM

International Partnerships Fellow at Greentown Labs / GREEN INNOVATIONS

Benny is responsible for connecting Greentown Labs with its first academic sponsor, Tufts University. His goal is to create opportunities for Greentown Labs and Tufts collaboration and bring together students, professors, entrepreneurs, and thinkers from all backgrounds. He also helps build partnerships with global leaders in cleantech and entrepreneurship. Prior to Greentown, Benny worked for an environmental consulting firm, the Cadmus Group, with a focus on solar policy and program administration. He was also an electrical engineer for a member company of Greentown Labs, Tank Utility. Benny received his M.S. in Innovation and Management from the Gordon Institute at Tufts University and his B.S. in Electrical Engineering from Tufts.



ANDREEA STRACHINESCU

Head of Unit - New energy technologies, innovation and clean coal - DG Energy, EU Commission / SMART CITIES

Andreea Strachinescu is responsible for the development of policy and actions on non-nuclear energy research and innovation. The core files for which she is in charge are Strategic Energy Technology Plan, the energy research and innovation strategy of EU, and H2020, the main financing instrument of research and innovation at EU level. Ms. Strachinescu studied mechanical engineering and business administration in Bucharest, Romania and she has a Master of Science in International Affairs from H.E.C. Montreal, Canada. Prior to joining the European Commission, Ms. Strachinescu professional activity was in the public service in the field of economic development and international cooperation, trade policies and actions.



FRANCESCO CONTINO

Professor at the Vrije Universiteit Brussel (VUB) / THE FUTURE OF MOBILITY

Francesco Contino received his degree in electro-mechanical engineering from the Université Catholique de Louvain in 2006. He has spent one year learning Chinese in Nankai University, Tianjin, China. He then performed his Ph.D. thesis between 2007 and 2011 as a Research Fellow of the Fonds de la Recherche Scientifique. From 2011 to 2012, he had a post-doc position at the Université d'Orléans where he worked on the impact of valerate esters on engine performances. Since October 2012, he is appointed at Vrije Universiteit Brussel where he is now Associate Professor. He is member of the board of the Belgian Automotive Engineers and Chairman of the Belgian Section of the Combustion Institute. During his PhD, he has also developed a passion for efficient scientific communication and was among the finalists of FameLab 2015. He shares his vision on scientific communication through his website: ristretto.black



PATRICK HENDRICK

Professor at the Université Libre de Bruxelles / THE FUTURE OF MOBILITY

Patrick Hendrick is the head of the Department Aero-Thermo-Mechanics at the Faculty of Engineering at ULB and Chairman of the Belgian Energy Research Alliance (BERA), which is part of the European Energy Research Alliance (EERA). He is heavily involved in research projects and activities related to Hybrid Rocket Engines and Hydrogen-Fueled Gas Turbine Engines mixing experimental activities and numerical activities on both topics.



WOUTER FLORIZOONE

Climate and Mobility Expert / THE FUTURE OF MOBILITY

Wouter Florizoone is a half-time Cabinet Advisor and half-time Independent Entrepreneur. His study background is diverse as an environmental engineer with a specialisation in human ecology and as a social interpreter in Spanish. He combines thinking and doing in the triangle around climate, energy and mobility. Based on a broad experience in both the policy world, entrepreneurial life and civil society, he tries to provide concrete solutions and innovative thinking paths, and elaborate on them. As Editor of Traffic Specialist and Founder of Mobimix, he mainly focuses on sustainable and integrated mobility solutions.



JEAN-PIERRE CHISOOGNE

General Manager at CE+T Energrid / ENERGY STORAGE & EFFICIENCY

Electro-mechanical Engineer from the University of Liège, Jean-Pierre Chisogne has twenty-five years of experience in international business development (China, Eu, India, USA, ...) as well as in international project management for industry and international organisations (NASA, ESA, ...). With eight years of focus on electronics, he is one of the founders of the Liège based spin-out CE+T Energrid. Based on the expertise of CE+T Power, the worldwide leader in modular electrical converters AC/DC and DC/AC, Energrid is focusing on applications related to Energy Transition. Energy quality, efficient storage facilities and efficiency are the targeted goals of Energrid tools in order to save energy and protect our planet.



QUENTIN RENOY

Product Manager, Battery Energy Storage System at Tractebel, Engie / ENERGY STORAGE & EFFICIENCY

Quentin Renoy hold a Msc. in Electrical Power Systems of the State University of Liège (Belgium 2006). Since 2017, he is in charge of the development and the realisation of BESS and Microgrid project within Tractebel Engie. Before that he was managing the team of the electrical expert for the Thermal and Renewable (Biomass) generation project within Tractebel Belgium. Quentin benefits from past experience, all within Tractebel Engie, in realisation of Power Generation Project (Combined Cycle, Coal Fired, Diesel Generator and Nuclear Power Plant) at various stage of project (from pre-feasibility and feasibility studies up to end commissioning) and in various part of the world (Belgium, France, Morocco, Saudi Arabia, Irak, Ivory Coast, Turkey).



RICHARD DELAHAY

Managing Director at Sustainability Consult / BIO-ECONOMY

Richard Delahay, Managing Director at Sustainability Consult, has many years' experience building Visibility and Credibility for organisations. Richard has overseen outreach campaigns for sustainability, environment and bioeconomy projects. His expertise includes data dissemination and visualisation. Previously, he has worked for research projects on biomass, recycling and renewable energy scenarios (for the UK and Europe). His diverse experience covers media, environment and grass roots campaigns. Outside of Sustainability Consult, Richard works closely with the European food surplus community to help tackle food waste and grow the circular economy.



AYSE ASATEKIN

Professor at Tufts University / BIO-ECONOMY

Ayşe Asatekin received bachelor's degrees in chemical engineering and chemistry from the Middle East Technical University in Ankara, Turkey. She went on to receive her Ph.D. in chemical engineering through the Program in Polymer Science and Technology (PPST) at MIT. She is also the co-founder and scientific advisor of Clean Membranes, Inc., a start-up company that commercialized the polyacrylonitrile-based membrane technology that she began developing during her doctoral research. Asatekin joined the Tufts Department of Chemical and Biological Engineering in 2012.



VIRIDIANA LEITAO

Senior Researcher at Biocatalysis Laboratory, National Institute of Technology (Brazil) / BIO-ECONOMY

Viridiana Ferreira-Leitão is Senior Researcher at Biocatalysis Laboratory at the National Institute of Technology, research unit of the Ministry of Science, Technology and Innovation. She is also Professor at the Graduation Program in Biochemistry at the Chemistry Institute at the Federal University of Rio de Janeiro (Brazil). Her research interests involve: enzymatic conversion of renewable substrates into chemicals, lignocellulose processing for ethanol or chemical production, the use of microorganisms and enzymes as catalysts in hydrolytic or oxidative reactions and biological hydrogen production. Additionally, she published many scientific papers in indexed journals and several books chapters.



JURGEN VERMEULEN

Senior Consultant at Trinomics / CIRCULAR ECONOMY'S INNOVATIONS

Jurgen Vermeulen is a Senior Consultant in the field of environment and sustainability policy at Trinomics. For over six years now, he has assisted public and private clients with research-based advice on topics at the nexus of environment, sustainability and industry. Throughout his career, he has gathered particular expertise in the topics of circular economy, green economic growth, renewable energy and nature-based solutions for combating climate change. He has specialised in assisting public clients in developing effective policy action, and private clients in developing adequate long term strategies for sustainable growth by using his economic skillset obtained from a Msc. in International Economics at Erasmus University Rotterdam and continuous professional training and advice thanks to a cooperation with the world's leading experts in these areas.



HÉLÈNE DE VESTELLE

Founder at Edeni / MINDSET CHANGE

In 2016, Hélène was still adviser to the Ministry of Modernization of the Argentine Government. After a career as a strategy consultant and trips to more than sixty countries in contact with 150 households, she was committed to getting involved at the highest level for the necessary societal transformations. The impending energy, monetary and alimentary collapse will not be solved by studies, reports and letters of intent. It is at the individual level that the paradigm shift must take place. By meeting with experts, training and experimenting, Hélène created a unique program that would revolutionize her paradigm and her daily life in 6 weeks. The impact can be seen and the unanimous view of its alumni is that it works, and our individual and collective power is much greater than imagined when we make the effort to learn and take action. Hélène has had no more than one liter of annual waste since 2016. Come take part in the Edeni experience!

ABOUT THE ORGANIZERS



GREENFISH
THE POSITIVE IMPACT COMPANY

Greenfish is a consulting company that offers smart greentech solutions to make businesses more sustainable and environmentally friendly. Using our expertise in engineering, strategy and environment, it is our priority to integrate sustainability into your business model - making your business lean, clean and green.

InnoEnergy is a trusted partner and smart investor for your innovation journey throughout the energy sector. They boost the success rate of start-ups and power the growth of SME, by opening the door to a trusted ecosystem of key energy players. Their international perspective is matched by international infrastructure to help your business have global impact and contribute to a more sustainable world.

InnoEnergy
Knowledge Innovation Community

TWEED (Technology of Wallonia Energy, Environment and sustainable Development) aims to play a major role in the business development of «sustainable energy» sectors. Its first mission is to pave the way for the setting up of high quality and industrial-size projects in the fields of production and exploitation of sustainable energy, profitable enough to attract appropriate financial means.

Wallonia-Brussels International (WBI) is the public body in charge of the international relations of Wallonia-Brussels. Its Research & Innovation Unit is devoted to connecting Wallonia-Brussels across the globe through partnerships in science, technology, and innovation.

Wallonie - Bruxelles International.be

GreenWin, one of Wallonia's 6 mission clusters, is dedicated to the green economy and sustainable development. The Cluster's vocation is to support innovation and stimulate the development of collaborative R&D projects, with a view to growing the Walloon industrial infrastructure and creating jobs in dynamic markets.

The Shift is the Belgian meeting point for sustainability. Their goal? To realise the transition towards a more sustainable society and economy, together with their members and partners. Their method? Connect. Commit. Change.

CONNECT COMMIT CHANGE