



# SUSTAINABLE LIVING

**Solutions in Building, Water and Waste management from the Nordics**

**27 May at 2:00 PM (UTC+8)  
Virtual Event**

## AIM AND OBJECTIVES

The Nordic Embassies and Honorary Consulate General of Iceland in Kuala Lumpur together with MIGHT (The Malaysian Industry-Government Group for High Technology) will present some of the most innovative approaches to environmentally and economically sustainable living from our countries. Experts from both the Nordics and Malaysia will embark on the topic of the *Future of sustainable living*, followed by corporate experts from Denmark, Finland, Norway and Sweden who will present their solutions and groundbreaking technologies on green and energy-efficient buildings, smart water cycle and waste management.



# PROGRAMME

14:00 – 14:10

## Opening of the event

Welcoming remarks by H.E Gunn Jorid Roset,  
Ambassador of Norway to Malaysia

14:10 – 14:40

## Future of sustainable living

### **Datuk Zainal Abidin bin Abu Hassan, Secretary-General (TBC)**

Ministry of Housing and Local Government  
Sustainable Cities and Communities in Malaysia

### **Ms. Milla Bruneau, Executive director**

City of Lahti in Finland: European Green Capital 2021

14:40 – 15:30

## Dialogue session with Nordic companies

Moderated by Ts. Anusha Magendram, Senior Manager, Sustainable Development and Technologies, MIGHT

Session I

### **Green Buildings and Smart Water Cycle**

- *Mr Kenny Woo*, General Sales Manager, **Anticimex Pest Management** Sustainable pest control solutions for green building
- *Mr Jayant Kaushal*, VP Business Development APAC, **Camfil Malaysia** Clean air for sustainable solutions
- *Mr Allan Jensen*, Sr. Director of General Services in APAC, **Danfoss** Smart and Intelligent EE solutions
- *Mr Morten Sondergaard*, Managing Director, **DEEP** Energy efficiency solutions
- *Mr Pål-André Lauritzen*, Business Development Manager, **TGN Energy** Smart system optimizing buildings' solar energy solutions
- *Mr Herbert Chan*, General Manager, **UROS** AI-assisted water quality monitoring

## PROGRAMME (cont'd)

15:30 – 16:20

### Dialogue session with Nordic companies

Moderated by Ts. Anusha Magendram, Senior Manager, Sustainable Development and Technologies, MIGHT

Session II

### Sustainable and Innovative Waste Management Solutions

- *Mr Dennis Gubin*, Director of Strategy, Europe of **Antec Biogas**  
Waste to energy solutions
- *Mr Fredrik Lauritsen*, Regional President, **Envac**  
Waste collection systems for smart sustainable cities
- *Mr Francis Lai*, Product Manager of Winson Marketing / **Molok**  
Urban waste management infra
- *Mr Thomas Steenbech Bomhoff*, Regional President, **Novozymes**  
Natural, efficient and sustainable waste management
- *Ms. Charlotte Aschim*, CEO & Founder of **TotalCtrl**  
Digital solution to prevent food waste
- *Mr Rushikesh Dikule*, Sales Manager of Energy PT, **Valmet**  
Waste to energy power plants

16:20 – 16:30

### Closing Event

**Mr. Troels Bjerre Leming**

Deputy Head of Mission, Embassy of Norway to Malaysia

# Future of Sustainable Living

The Ministry of Housing and Local Government, abbreviated KPKT, is a ministry of the Government of Malaysia that is responsible for urban well-being, housing, local government, town planning, country planning, fire and rescue authority, landscape, solid waste management, strata management, moneylenders and pawnbrokers.

KPKT's mission is to realize shared prosperity through livable housing, sustainable municipal services, and effective fire services; thus improving the quality of life of the people.

<https://www.kpkt.gov.my>



**Datuk Zainal Abidin bin Abu Hassan**, joined the Ministry of Housing and Local Government, Malaysia since 23 March 2020 as Secretary General. He holds a Master's in Public Administration, from University of New Haven, Connecticut, USA and a Bachelor's of Science from Universiti Pertanian Malaysia. Datuk Zainal has served as a Malaysian Administrative and Diplomatic Officer in various capacities at the federal level as well as local council level. Among his key portfolios are Deputy Secretary General (Security), Ministry of Home Affairs; Deputy Secretary General (Finance and Development), Prime Minister's Department; Senior Undersecretary (Management), Ministry of Home Affairs; Deputy Director General, National Civics Bureau, Prime Minister's Department; Director, Licensing and Enforcement Department, Subang Jaya Municipal Council, Selangor.

His current responsibilities at The Ministry of Housing and Local Government include the formulation and implementation of policies pertaining to Sustainable Development Goals (SDGs); national physical planning; smart cities initiatives; empowerment of urban communities; as well as the management of national solid waste and public cleansing

## Future of Sustainable Living

The city of **LAHTI** in Finland is the **EUROPEAN GREEN CAPITAL 2021**. Lahti is a leader in environmental work, having already abandoned the use of coal and committed to become a carbon-neutral city by 2025, as the first major city in Finland. Thanks to the long-term development of waste management, as much as 99% of household waste in Lahti is either recycled or used for energy.

The European Green Capital Award (EGCA) is a competition for cities, organized by the European Commission. The title is given to one city at a time for one year for merits in pioneering environmental actions, setting an example for other cities and developing innovative solutions to environmental challenges. Before Lahti, 11 European cities have received this title, including Stockholm, Copenhagen and Oslo from the Nordic Countries.

<https://greenlahti.fi/en>



**MILLA BRUNEAU** is the Executive Director for the Lahti – European Green Capital 2021 project. Prior to this she has led several international TV- and film-companies. Her experience for the Green Capital initiative evolved from her political career as a decision maker in the Lahti City Council since 2013. Her interest in city politics rose from following the determination Lahti had in its urban and environmental policy solutions. Bruneau has made use of her career of more than 20 years in the entertainment business, and in particular her accredited leadership and communication skills as well as the international business skills, in her political career. During her second term in office, she already became the chairman of the Lahti City Council and was the first woman in the city's history to do so.

# Green Buildings and Smart Water Cycle



Due to the rising quality of life, the average building's energy consumption has increased dramatically and the landscape of energy in a building and its indoor environment is a major sustainability challenge. It is important to make the right choices regarding the design materials and construction of a building to help reduce the amount of energy consumed throughout its lifetime. There is a need to reduce energy use for space heating or cooling, water heating and electricity use for lighting. Ventilation can be managed and optimized by technology and solar panels can be integrated into the building design. Minimizing the need of energy in buildings through energy efficiency measures and integrating renewable energy technologies to meet the building energy demands are essential aspects when designing the green, sustainable buildings of tomorrow. The need to address water management issues is becoming increasingly important as governments, public and private waterworks and wastewater companies are faced with issues such as replacing and repairing aging infrastructure, water quality, water leakage, flood monitoring, etc. Consequently, the adoption of smart water management technologies can be expected to gain traction. Smart and circular water management help reinforce the resilience of businesses and local communities. There are solutions that businesses can use to understand and address water-related risks and opportunities to better develop strategies for managing water. The Smart systems help track, inform and enable the transition, giving water utilities a better understanding of long-term water demand trends to guide infrastructure planning, avoid costly solutions and with the advance of digitalization in the water sector, the collected data is used to address current and future problems.

## Moderator

## Panellists:



**Ts Anusha  
Magendram**

Senior Manager,  
Sustainable  
Development and  
Technologies  
MIGHT



**Morten  
Sondergaard**

Managing Director  
of Danish Energy  
Efficiency Partners  
DEEP



**Allan Jensen**

General Manager  
Danfoss Malaysia



**Herbert Chan**

General Manager  
Greater China &  
APAC  
UROS Ltd



**Pål-André  
Lauritzen**

Business  
Development  
Manager  
TNG Energy



**Kenny Woo**

General Sales  
Manager  
Anticimex Pest  
Management



**Jayant Kaushal**

VP Business  
Development  
APAC  
CAMFIL

# Sustainable and Innovative Waste Management Solutions

The total amount of waste globally has continued to increase due to industrial development, population growth, urbanization and lifestyle habits. Scheduled and hazardous waste is difficult waste to be managed due to the dangerous elements not only for the environment but also for public health. Whenever the industries or factories generate products, they invariably generate waste/industrial waste. Waste without proper treatment and the improper disposals will lead to poor air quality, contamination of ground water and surface water bodies by chemical and biological agents from the waste dump/disposal sites causing adverse effects on human health and the environment. Waste management and waste minimization is not the sole responsibility of the authorities. In the Nordic countries, everyone participates in the effort to make the waste management system work – producers, businesses, municipalities and households and about 99 % of the waste is either reused or recycled.

## Moderator



**Ts Anusha  
Magendram**

Senior Manager,  
Sustainable  
Development and  
Technologies,  
MIGHT

## Panellists:



**Thomas Steenbech  
Bomhoff**

Regional President  
Novozymes



**Rushikesh Dikule**

Sales Manager  
Energy PT. Valmet



**Fancis Lai**

Product Manager  
Winson Marketing  
MOLOK



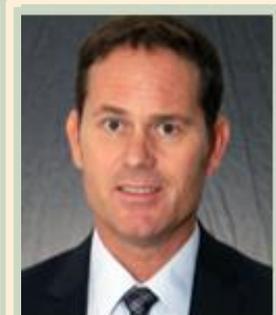
**Dennis Gubin**

Director of  
Strategy, Europe  
Antec Biogas



**Charlotte Aschim**

CEO & Founder  
TotalCtrl



**Fredrik Lauritsen**

Regional President  
of Envac South  
East Asia



## Panellists

**Allan Jensen** is the General Manager of Danfoss Malaysia Sdn Bhd. Allan has a passion for helping his adopted homeland of Malaysia securing environmentally friendly practices in commercial and industrial buildings that lowers operating cost as well as CO2 emissions. Allan has spent 24 years in leadership positions throughout Asia, the last 9 of which in Malaysia and is chairman of the Malaysian Danish Business Council and deputy chair of the Eurocham Green Building Committee. With a background in general management, Allan's take on building energy efficiency has a pragmatic, solution-oriented drive with a focus on economically viable solutions based on proven technology available now.



**Morten Sondergaard** is the Managing Director of Danish Energy Efficiency Partners Sdn Bhd (DEEP). Morten has a working experience of more than 30 years, managing and leading energy consultancy projects in the field of energy efficiency and renewable energy. As a professional, he is registered with the Danish Survey Organization and Danish Society of Civil Engineers. Over his 30 years working experience, Morten has executed projects in Europe, Africa, Asia and the Pacific. At present, Morten oversees all international assignments under Danish Energy Management and the Energy Performance Contracting (EPC) in Melaka (Malaysia) and SEA, under DEEP.

**Thomas Bomhoff** was in 2018 appointed Vice President, overall responsible for commercial operations in one of four sales areas globally in Novozymes' Household Care division. In February 2020, Thomas relocated to Malaysia, where he is currently assuming dual roles as Vice President for Consumer Biosolutions in APAC-MEA as well as Regional President for Novozymes in APAC-MEA. Prior to his commercial career, Thomas worked for around 10 years in various financial management roles in Novozymes, amongst others as Head of IR and Vice President for business finance, charged with global financial planning for Novozymes worldwide.





## Panellists



**Herbert** leads UROS' Greater China & APAC Sales and Marketing activities. Based in Hong Kong, he strengthens the company's reach in Asia. Herbert is a visionary marketing and sales channel professional, with an impressive track record in the Telecommunication, Mobile Device and Consumer Electronics industries. His great relationships with the Finnish and Chinese Government, operators, retail channel and country-level distributors in the APAC regions as well as his management experience are great contributions to UROS.

**Rushikesh Dikule**, Managing the Sales for Energy division at Valmet has more than 13 years experience working in the Energy Industry. Working with Valmet since August 2020 as Sale Manager-Energy and responsible for Capital Sales in Indonesia & Malaysia region. He has handled - Waste to Energy, CFBC, AFBC, BFB, Gasifier, Oil& Gas boilers, thermal power projects, waste heat recovery, co-generation, Air Pollution control equipments, chillers & other sustainable energy projects. Previously worked with PT. Thermax Indonesia, Thermax LLC Dubai, Thermax India, Transparent Energy, India.

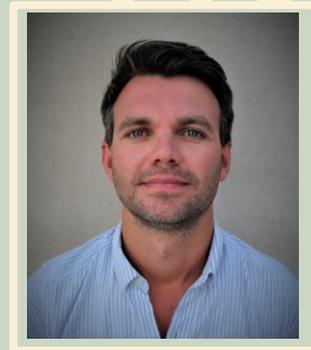


**Francis Lai** had 25 years of experience in Hydraulic and Pneumatic industries in Winnson Group. He was also involved in CNC Manufacturing during his career in Engineering Division. For the past 3 years he became the Product Manager for the Environment Division within the Winnson Group. He is responsible to market and sell Molok Waste Bin for both Malaysia and Indonesia. In 2020 he and his Johor Business Partner launched the 1st Smart Waste Deep Collection System with level sensor plus IOT for Pengerang Smart City, Johor.



## Panellists

**Dennis Gubin** is the Director of Strategy in Antec Biogas, responsible for the international growth of this innovative Norwegian company. Dennis has an extensive experience in international business development in various fields, including Energy- and Water management industries. Dennis holds an executive MBA degree from Nanyang University (Singapore) and Norwegian Business School, with specialization in Renewable Energy



**Pål-André Lauritzen**, Business Development Manager at TGN Energy as Extensive experience in many aspects of business development, from strategy to scaling through operationalization. 30 years in various positions as owner in different retail businesses.

**Charlotte Aschim** is the CEO & Founder of TotalCtrl, a top global food waste prevention software company that helps consumer-facing businesses optimize their operations, cut costs and prevent food waste. Since late 2017, Charlotte has managed to get TotalCtrl on rankings alongside Amazon and Walmart, be one of Europe's most inspiring food waste changemakers, a Norwegian Food Mentor, ranked among the top 10 best leaders within sustainability in Norway for 2020, among the top 80 Norwegian leaders under 35 in 2019, one of the amazing Fairforce 100 Environmental Data Entrepreneurs, a European Green Capital Ambassador and so much more. Charlotte holds a master's degree within land management (chief engineer). She started her first job at the age of 12 (while studying and playing soccer) and has primarily worked within the construction industry and food industry. She is a self-taught coder (learned coding via YouTube) and is acknowledged as an expert within her field by both researchers, the business sector and royalty.





## Panellists



**Kenny Woo**, General Sales Manager of Anticimex Pest Management Sdn Bhd. He has been in the pest control industry for 8 years. SMART owner of Malaysia • Pest control plays an essential role in the prevention of pest. In pass few year, great changes seen in the industry as we are providing eco-friendly, nontoxic and sustainable solution. It help to protect all we enjoy.

**Jayant Kaushal**, working as Vice President – Business Development for Camfil Asia Pacific, based in Singapore. Jayant joined Camfil in 2015 and he is responsible for Air Filters for IAQ and Brand Marketing. In his current role, he is also promoting Global ISO 16890 & Eurovent standards for Air Filters in general ventilation application. He has also been a member of a task force committee, set up by Singapore Green Building Council for developing Singapore Green Mark scheme for Air Filters. Prior to joining Camfil, he has worked with major appliances and industrial sector multi-national companies. He has held various senior positions in Sales & Marketing, Brand Management and Strategy and worked in India and abroad.



**Fredrik Lauritsen**, 劳力士 (Chinese name) Regional President of Envac South East Asia and Managing director of Envac (M) Sdn Bhd Started at Envac in 2001, within Sales. Since 2013 been global responsible for the business segments Airports, Kitchen waste and Care (Hospitals and Silver homes). Degree in Telecommunications and through various positions gained deeper technical skill within automation related technologies such as Pneumatics, Hydraulics and Linear motion. System Specialist within Pneumatic Waste Collection Systems for handling waste, recyclables, food waste, soiled linen, infectious and hazardous waste. Frequently support Design institutes in their planning of hospitals, airports, airline catering facilities and mixed urban areas.



# Companies Information



Danfoss is a multi-national family-owned company founded in 1933 and is the largest manufacturing company in Denmark. While serving multiple industries in leading positions with a significant focus on refrigeration, HVAC and water; energy efficiency is at the core of everything Danfoss does, pushing the bar of what is possible and implementable in a cost effective manner. At Danfoss, we are engineering solutions that allows the world to use resources in smarter ways. Driving the sustainable transformation of tomorrow.

Danfoss has been active in Asia since the 1950's with own office in Malaysia since 1995. Danfoss' solutions in Variable Speed Drives, advanced oil-free compressors and Pressure Independent Balancing and Control Valves are deployed in many iconic buildings in Malaysia including the award winning ST Green Diamond building, KLCC, KLIA 1 & 2 and in The Exchange 106.

Website: <https://www.danfoss.com>

Danish Energy Efficiency Partners (DEEP) was formed in 2015 by cooperation between Danish Energy Management A/S and the Danish Climate Investment Fund (DCIF). The objective of the company is to develop and finance energy efficiency projects in Malaysia. DEEP is an Energy Service Company (ESCO) providing energy efficiency projects to Clients in Malaysia through Energy Performance Contracting (EPC).

The company is a one-stop shop for advisory services, procurement & installation of energy efficiency technologies as well as investor and financier of the project costs. Danish Energy Efficiency Partners provides an integrated system solution for increased energy efficiency in buildings. We offer the full project cycle for the implementation of energy and water efficiency in buildings from the initial audits, through design, finance, procurement, installation, and monitoring.)

Website: <https://www.deep.com.my>

Novozymes is a global biotechnology company headquartered in Bagsværd outside of Copenhagen, Denmark. Our company's focus is the research, development and production of industrial enzymes and microorganisms for a diverse range of industries. For more than 70 years, our work with these biological problem solvers has made a big difference to our shared world. Novozymes' biological solutions can be found everywhere, from the products that clean your clothes, to the food you eat, and the ethanol that powers your car.

At Novozymes, sustainability is at the root of our solutions. We use biotechnology to enable our customers to deliver more sustainable solutions to society. Every day, in over 30 industries and 130 countries, our enzymes and microbes help reduce energy, water, chemical and raw material consumption, help improve performance of customer products and give people healthier and more sustainable choices for living better lives.

Website: <https://www.novozymes.com/en>



# Companies Information



The Molok story began in 1991. A novel idea, unceasing product development efforts and more than 170,000 Deep Collection containers delivered around the world have secured for Molok a position as a leading global waste management innovator and pioneer. The company gave rise to a whole new industry – deep collection. Molok celebrated its 30th anniversary on 10 April. The Deep Collection system saves space while making waste collecting environmentally friendly and cost-effective. The invention based on a simple idea: a waste container that can be embedded in the ground, that saves space and, at the same time, increases the collection capacity.

Molok is a forerunner in the field of waste sorting, and while the company has grown steadily and its business has been profitable, the potential for further growth is great. As the world takes steps towards circular economy, companies begin to see waste as a raw material and energy source and not just as a problem for communities. Today, Molok exports to more than 40 countries around the world, the most recent addition being Chile in March 2021.

Website: [www.molok.com](http://www.molok.com)



UROS is a global innovator in turnkey IoT solutions and eSIM technology. The unique ecosystem including our IoT platform coupled with smart connectivity brings the benefits of digitalisation to various verticals including natural resources, industries, cities, as well as services for organisations and individuals. UROS is a trusted partner and a one-stop-shop for clients seeking comprehensive solutions and maximised ROI.

UROS Flow and UROS Sense are a real-time liquid quality monitoring service for cities, municipalities and water utilities respectively. The two platforms provide a turnkey package of advanced digital services for increased efficiency and water quality by improving operations and functionalities in the most critical points in water management.

Website: [www.uros.com](http://www.uros.com)



Valmet is the leading global developer and supplier of process technologies, automation and services for the pulp, paper and energy industries. Valmet aims to become the global champion in serving its customers.

Valmet's net sales in 2020 was approximately EUR 3.7 billion. Valmet's more than 14,000 professionals around the world are committed to moving customers performance forward every day. Valmet's head office is in Espoo, Finland and its shares are listed on the Nasdaq Helsinki. Valmet's energy solutions include multifuel boilers and gasifiers for electricity and steam production, flue gas cleaning systems, power plant automation solutions and full range of services to improve the reliability and performance of our customers' plants.

Waste-to-Energy at high electrical efficiency: Valmet is a renowned technology supplier of circulating fluidized bed-based solutions for waste to energy projects. These solutions are highlighted with their higher electrical outputs and high plant availability.

Website: [www.valmet.com/energyproduction](http://www.valmet.com/energyproduction)



# Companies Information

 Antec<sup>®</sup> Biogas

Antec Biogas has re-invented the process of biogas generation, using its' state-of-the art biofilm biogas reactors, and have already built several modern plants of various size, using its unique solution. The reactors allow for flexible and cost-efficient installations, which contribute to 80% increase in the biogas yield, compared to the traditional systems. This allows for very short return on investment in the projects. The compact and modular design allows the solution to be implemented in many new areas, where biogas has not been an option before. This includes Smart City infrastructure, where Energy can be produced directly at the source, in an efficient, modern, and cost-effective way. Antec has already established its' presence in Asia and delivered its' first reactor system to China. The company is recently geared up for international expansion and is excited about business opportunities in Malaysia and the rest of the Asian region. Antec has a goal to contribute to efficient waste management and smart energy transition worldwide!

Website: [www.antecbiogas.com](http://www.antecbiogas.com)

 tgn:energy

OrcaGrid is a smart, solar energy system for commercial and residential buildings and industrial facilities.

The OrcaGrid system consists of three elements: rooftop or building-integrated solar cells, high-capacity batteries, and autonomous energy regulation software.

As the solar cells generate power, the OrcaGrid system determines whether to use the energy in the building, sell it to the local grid or store it in batteries for later use or sale. It makes this decision based on weather forecasts, real-time power prices and an individualized energy profile for the building.

Website: [www.tgnenergy.com](http://www.tgnenergy.com)

 TOTALCTRL 

**TotalCtrl** is a leading B2B SaaS food waste prevention company and the world's first cloud-based food waste prevention system. This award-winning company simplifies management of food inventory and expiry dates.

TotalCtrl helps clients in the food industry save time, money and prevent food waste by providing real-time data on inventory based on expiration dates.

Website: [www.totalctrl.com](http://www.totalctrl.com)



# Companies Information



Anticimex was founded in Sweden, over 87 years ago.

Responsibility for public health and quality of life is the basis of our motto. It has been our well-trying concept since 1934. We operate in the areas of pest control, food safety, building environments, fire protections and insurance. Anticimex aims to create a safe and healthy environment for everyone.

Today, more than 130,000 SMART units have been installed around the world fighting pests with data instead of poison. Anticimex SMART is an intelligent system that keeps an eye on things you don't want to see. By constantly monitoring and instantly reacting, it prevents pests infestations in an environmentally-friendly way. In addition to services traditionally provided by us, our customers would be experiencing a unique solution that gives them the best of both worlds - automation and expertise.

Website: [www.anticimex.com.my](http://www.anticimex.com.my)



## CAMFIL

For more than half a century, Camfil has been helping people breathe cleaner air. As a leading manufacturer of premium clean air solutions, we provide commercial and industrial systems for air filtration and air pollution control that improve worker and equipment productivity, minimize energy use, and benefit human health and the environment.

We firmly believe that the best solutions for our customers are the best solutions for our planet, too. That's why every step of the way – from design to delivery and across the product life cycle – we consider the impact of what we do on people and on the world around us.

Website: [www.camfil.com](http://www.camfil.com)



With a passion for innovative and sustainable change combined with an aspiration towards the exceptional, Envac keeps its global position as the No 1 in the PWCS industry. We make recycling and sorting different types of waste more straight-forward and pedagogical, removing the inconvenience of traditional sorting and at the same time engage the citizens to recycle more. Imagine a city without open waste containers, overflowing waste bins or traffic jam and pollution caused by waste collection vehicles. Our AI-powered technology enable smart cities to reach the UN Sustainable Development Goals and improve quality of life today and help secure a greener planet for future generations.

Founded: 1953 (Aktiebolaget Starksugarna, Sweden)  
CEO: Joakim Karlsson (Stockholm, Sweden)  
Owner: Stena Adactum AB, a company in the Stena Sphere (Gothenburg, Sweden)  
Global presence: 34 offices in 20 countries

Website: [www.envacgroup.com](http://www.envacgroup.com)

## Organised by



EMBASSY OF DENMARK



EMBASSY OF FINLAND  
KUALA LUMPUR



Norwegian Ministry  
of Foreign Affairs



Embassy of Sweden  
Kuala Lumpur

## In Collaboration with



## Nordic companies

ENGINEERING  
TOMORROW

