

The Innovation Forum

Tuesday, 31.05.2022

at IFAT 2022

Hall A1 - Room A11 - A12

Speakers

Keynote speaker



Prof. Dr. Michael Braungart

Leuphana University of Lüneburg, Braungart EPEA - International Environmental Research Hamburg

Professor Dr. Michael Braungart is a professor at the Leuphana University of Lüneburg. He is also the founder of EPEA International Environmental Research in Hamburg, co-founder and scientific director of McDonough Braungart Design Chemistry (MBDC) in Charlottesville, Virginia (USA) and founder and scientific director of the Hamburg Environmental Institute (HUI). For decades, Prof. Dr. Michael Braungart has pioneered the Cradle to Cradle design concept. He has worked with many organizations and companies in different industries to develop tools for designing eco-effective products, business models and intelligent material pooling. For his work, Michael Braungart was awarded, among others, the Golden Flower of Rheydt, the oldest environmental protection award in Germany, in 2019.

European companies



ASIO NEW, spol. s r.o.

Represented by Ondrej Prax

Founded in 1993, ASIO is a Czech engineering & contracting company operating on both domestic and foreign markets. The company line of business involves a wide range of wastewater and air treatment processes, associated equipment, water management systems, and supporting technologies. The company products and services are focused to various end-users, starting with family houses, or small municipalities, and ending with cities, large hospitals, and numerous industrial enterprises.



BIO-UV Group

Represented by Patrick-Jean Pichavant

For over 20 years, BIO-UV Group has been designing, manufacturing and marketing ultraviolet (UV-C), Ozone, AOP and Salt electrolysis water treatment systems for various industrial applications: pools, REUSE, aquaculture, aquarium, waste water, industrial process, drinking water and ballast water management.

The company combines advanced technology, application expertise and smart, sustainable solutions. With a team of engineers and a design office, BIO-UV Group respond and design new ranges of reactors and develop specific solutions for targeted needs.

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Colubris Cleantech bv

Represented by Lex van Dijk

Colubris Cleantech bv is a contracting company from the Netherlands active in the fields of wastewater treatment, bio-resources, waste treatment and membrane filtration installations. The company has over over 35 years' experience in separation and purifying technologies. Colubris is working worldwide delivering turn key units to different customer groups, like the food industry, municipal wastewater and sludge treatment and biorefinery projects. Colubris team of well qualified water, waste and bioresource professionals allows the company to be active in 70 countries all across the globe.



GEOtest, a.s.

Represented by Jiri Korhon

GEOtest, a.s. is a traditional Czech company having been well-established on the market for more than 50 years, which – besides the Czech Republic and the Slovak Republic – successfully implements its services and projects in more than 75 countries all over the world. GEOtest, a.s. provides a wide range of services – from consulting to supplier services – in environmental fields, engineering geology, geotechnics, geophysics and hydrogeology. In recent years it has successfully been developing its activities also in the areas of water management and technical supervisions.



Hauraton GmbH & Co. KG

Represented by Kerstin Engelhard

Since it was established in 1956, the German company HAURATON has come up with many pioneering solutions for leading away rainwater. From collecting to treating and infiltration, HAURATON offers solutions to keep surface water from buildings and make it re-usable as resource, thereby protecting ground water levels and relieving sewage systems. HAURATON has drainage solutions to suit every project: from industrial yards trafficked by heavy-duty vehicles, to public spaces situated around retail and commercial complexes. With over 20 subsidiaries and partners worldwide, including dedicated merchants, the company is internationally successful as a specialist in surface water drainage.

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INSTALL ENGINEERING SV LTD

Represented by Stoyan Stoyanov

Established in 1990 in Plovdiv, Bulgaria, INSTALL ENGINEERING specializes in the production of pre-insulated pipe systems for conveyance of hot mineral water, potable water, steam and other fluids, heating and cooling systems with exceptional efficiency, working with advanced technologies and specialists meeting all the quality standards. The company has developed highly innovative method of production of pre-insulated PP-RCT+GF glass fiber reinforced pipes to ensure the transfer of highly aggressive hot mineral water (95°C) with minimal temperature decline.



Microbia Environnement

Represented by Sandra Lagauzère

Based in the Perpignan area in Southern-France, Microbia Environnement has been engaged since 2013 with local shellfish farmers, aquaculture companies and authorities in charge of recreational and touristic areas to provide rapid diagnostic solutions for detecting proliferation of toxic micro-algae and cyanobacteria in waterbodies. The company designs highly-sensitive genetic biosensors for the detection of active microorganisms in aquatic ecosystems. By targeting toxin-producing cyanobacteria and microalgae, this unique technology provides an advanced tool for early warning systems dedicated to harmful proliferations.



PYREG GmbH

Represented by Marcel Rensmann

PYREG GmbH is a German NetZero Tech company and a pioneer in the field of CO₂ removal (CDR) through sustainable solutions in waste disposal management. The machine manufacturer - using a patented carbonization technology - was founded in 2009 as a university spin-off.

PYREG is a world market leader in carbonizing organic waste (biomass, sewage sludge, etc.) into EBC-certified biochar – a process that simultaneously produces renewable energy. Used as a soil conditioner or in other permanent material applications, biochar creates a natural, safe and long-term carbon sink. The amount of CO₂ bound by PYREG's plants can be certified and traded. By the end of 2022, all PYREG plants commissioned worldwide will sequester a total of 30,000 tons of CO₂ per year.

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QUILTON

QUILTON S.A.

Represented by Estibaliz Arraibi

QUILTON S.A. is a Spanish company with more than 35 year experience and with more than 2.500 references all over the world. Its mission is to design and manufacture water treatment equipment. Last innovation development: Design optimisation and size minimization of passive filters for water collection for potabilisation, desalination or irrigation, while ensuring flow and velocities requirements. QUILTON is acknowledged in the water sector for its active collaboration with both the authorities and industry, working with the main treatment plant operators, water and civil engineering firms, local waterboards, consultancy firms, and building developers, amongst others.



TERGYS

Represented by Ludovic Renoux

TERGYS is a French company developing and selling autonomous water treatment system using renewable energy for drinking water, desalination and waste water recycling. Their patented energy management approach allows to optimize system design and to lower CAPEX and OPEX. The company's systems are plug and play, containerized, fully modular and off-grid. TERGYS targets isolated area in developing countries and decentralized waste water recycling in developed countries.

vertuo.

VERTUO

Represented by Baptiste Laurent

VERTUO is a French company providing a unique solution in order to green all the places in the city where there is no longer access to soil in the ground (for instance because of underground networks, cellars, car parks, subways...), in a sustainable and aesthetic way, thanks to a unique, patented process which reproduces the rainwater cycle in the city. Greening our cities is very important and today a priority for health purposes, attractiveness, biodiversity and adaptation to climate change. VERTUO offers the solution greening our cities, even when the ground does not allow anymore.

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WaterShed Monitoring Europe

Represented by Sonja Behmel

As a partner of the know-how of water sector stakeholders, WaterShed Monitoring offers a unique combination of scientific consulting and innovative technological solutions for improved water management. Its cloud-based proprietary software Enki® is specifically designed to easily save, organize, exploit, and share all types of data related to natural and/or urban water cycles. It helps water managers translate data into actionable insight by addressing storing, analyzing and validating challenges for the purpose of resource management, drinking water supply, urban planning, regulatory compliance, COVID-19 or algae blooms monitoring, etc.



WATURA

Represented by Sebastien Rigal

Since 2010, WATURA has been a specialist in vocational training for the water and sanitation sectors. Our ambition is to provide high quality training using online tools. In 2018, our company developed the 1st digital training platform dedicated to water and sanitation professionals. WATURA's mission is to develop solutions to train a greater number of technicians more quickly at a lower cost in technical professions, in particular in the drinking water and sanitation sector, while harmonizing and guaranteeing the quality of skills transfer.



WeCo Toilet

Represented by Jörg Schaff

Founded in 2014, the French start-up WeCo Toilet designs innovative and ecological flush-toilets without any connection to the sewer. From a sustainable development perspective, the WeCo ecological public toilets solution provides a response to environmental issues of water savings, by using an integrated recycling of wastewater in a closed circuit. This technology makes the toilets completely independent of any connection to the water network. The WeCo technology allows treatment and revalorization of the wastewater in a quasi-infinite way, providing even fresh water, crystal clear, steril and without smell, for cleaning the facilities. This innovation saves the billions liters of water usually wasted by conventional toilet flushes.

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Zahnen Technik GmbH

Represented by Benedikt Ney

Founded in 1958, Zahnen Technik GmbH is now active worldwide with a focus on „Zahnen Water Engineering Performance“. Their know-how in electrical, mechanical and process engineering allow them to accompany customers in the optimisation, modernisation and new construction of water and wastewater plants. In addition, Zahnen Techik develops solutions for advanced wastewater treatment and water purification, which are marketed under the Pure water by zahnen brand. The entire water and engineering knowledge of Zahnen Technik GmbH has been incorporated into the cloud platform ISO by zahnen and supports customers worldwide in the planning and construction of water and wastewater plants.

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Eastern African expert



Philip Storch

Vice President Sales Management Water at KSB SE & Co. KGaA

Philip Storch has been with the company for 22 years and he has been in international sales responsibility for 8 years. The Sub-Saharan Africa region is of particular importance to KSB, especially Kenya as a driving economic force in East Africa.

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