



PRESS RELEASE

TES announces creation of Scientific Advisory Board to strengthen e-NG value chain

Brussels, 12 January 2024 – TES, a global green energy company leading the way in the production of e-NG (electric natural gas derived from green hydrogen), is pleased to announce its Scientific Advisory Board which will help to advise the Board and management on strategic decisions and increase academic research and scientific studies of e-NG.

The committee will comprise professors who have worked at the highest levels of academia in the fields of chemical engineering, science and technology, namely Professor Dame Lynn Gladden, Professor Nigel Brandon OBE and Professor Thomas Kolb.

Professor Dame Lynn Gladden is the Shell Professor of Chemical Engineering at the University of Cambridge. Her research interests are in the field of heterogeneous catalysis and reaction engineering, and the application of magnetic resonance imaging techniques to the study of chemical engineering processes. She is a Fellow of the Royal Society and Royal Academy of Engineering, and a foreign member of the U.S. National Academy of Engineering. She is also the Chair of the Judging Panel of the Queen Elizabeth Prize for Engineering and on the Advisory Board of BeyondNetZero. She was the Pro-Vice Chancellor for Research in Cambridge (2010-2015) and Executive Chair of the Engineering and Physical Sciences Research Council (EPSRC-UKRI) from 2018-2023.

Professor Nigel Brandon is an electrochemical engineer who has spent his career working on the science, engineering and technology of electrochemical devices for the low carbon energy transition, in particular fuel cells, flow batteries and electrolyzers. He holds an engineering degree and PhD from Imperial College London, to which he returned as an academic in 1998 following a 14-year research career with BP and Rolls-Royce. He is the founder of Nigel Brandon Consulting, which provides advice on electrochemical technologies for the low carbon energy transition. He is a Fellow of the Royal Academy of Engineering, a Fellow of the Royal Society and an Overseas Member of the US National Academy of Engineering.

Professor Thomas Kolb's research is focused on processes and technologies for the production of chemical energy carriers, with a special emphasis on renewable gas technologies and high temperature processes for the circular economy. He holds a chair in Fuel Technology at the Faculty of Process Technology of KIT. He is Director of the Engler-Bunte-Institut / Fuel Technology, EBI ceb at KIT and Head of the Gasification Technology Department at the Institute of Chemical Technology, ITC at KIT. Thomas Kolb is CEO of the DVGW-Research Station affiliated to the Engler-Bunte-Institut. From 1990 to 2002 he worked for BASF, SE, and is head of numerous national and international boards of different associations in the field of fuels and chemical energy carriers.



The Advisory Board has been established to advise the Board and the management team of TES on strategic decisions and advocate for e-NG within the scientific community, through collaboration on scientific papers to improve the quality and amount of academic research available focusing on e-NG. This research will then be linked with “real-world” applications, which will aid in fostering the transition away from fossil fuels, and to look at where e-NG, derived from green electricity and 100% renewable, green hydrogen, should be used in the renewable energy sector, where direct electrification is not a viable alternative.

Marco Alverà, CEO and Co-Founder of TES, commented: “We are delighted to welcome such an esteemed board of scientific advisors to TES, and they will bring enormous value to our Board and management team through counsel and engagement. All climate solutions must be based on cutting-edge research and only through creating an environment to foster collaboration with experts across all areas of industry and academia will we be able to reach the ambitious climate goals needed to reach net zero.”

About TES

TES is a global green energy company leading the way in the production of e-NG (electric natural gas derived from green hydrogen). Headquartered in Europe, TES is committed to making reliable and affordable green energy accessible to all by implementing giga-scale projects using a proven, scalable and cost-effective method. With a presence in North America, Middle East, Asia and Australia, the company’s green hydrogen model uses solar and wind energy in low-cost areas with abundant sunlight or wind. The green hydrogen is then combined with climate-neutral CO₂ and transformed into e-NG, a renewable molecule, easy to transport and store using existing infrastructure. Through the supply of e-NG to various industries, TES aims to win the climate race ensuring the mass adoption of green molecules across the globe.

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