For Immediate Release

NORMAN FOSTER FOUNDATION ENERGY WORKSHOP
25–29 APRIL 2022

Madrid, 11 April 2022

The first edition of the Norman Foster Foundation's Energy Workshop will take place from 25–29 April 2022 with the support of GS Energy.

'With energy, we stand on the shoulders of giants with our heads in the clouds,' states the workshop's Mentor, **Luke Olsen**. As he puts it, 'we need to slingshot from the Newtonian laws of motion, Einstein's relativity and $E=mc^2$ and beyond to bring our systems and structures grounded in nineteenth-century grids up to date. To do so, we must rapidly evolve from infrastructures that are centralised, atomised and monopolised, and depart from the hegemonies that have put our planet on a course for severe inequality, global warming and climate change'.

This workshop will aim to make visible the fundamental forms of energy, to discover cutting-edge, future-proof methodologies to harness clean energy, to develop strategies for the better distribution, transformation and empowerment of communities, buildings and cities and to integrate sustainable energy solutions into everything we do and design.

The Norman Foster Foundation's 2022 Energy Workshop will include seminars, lectures, one-to-one tutoring and architectural tours. The workshop will consist of a five-day event led by Luke Olsen, Programme Director, MEng in Engineering and Architectural Design, Barlett School of Architecture, University of College London (UCL).

The Workshop's Academic Body spans a wide range of practitioners that work in different fields related to energy. This year's Academic Body includes: **Frédérick Bordry**, Former Director and Accelerators and Technology, European Organization for Nuclear Research (CERN), Meyrin, Switzerland; **Jacopo Buongiorno**, Director, Center for Advanced Nuclear Energy Systems (CANES), Massachusetts Institute of Technology (MIT), Cambridge, MA, United States; **Sheila Foster**, Scott K. Ginsburg Professor of Urban Law and Policy, Georgetown University, Washington, DC, United States; **Iain MacDonald**, Professor, Instance of Uncertain Spaces (IUS), ArtEZ University of the Arts, Arnhem, The Netherlands; **Dava J Newman**, Director, Media Lab, Massachusetts Institute of Technology (MIT), Cambridge, MA, United States; **Guillermo Trotti**, President and Founder, Trotti & Associates, Inc., Cambridge, MA, United States; and **Holly Samuelson**, Area Head, MDes in Energy and Environment, Graduate School of Design (GSD), Harvard.

After reviewing applications submitted by hundreds of candidates from around the world, the selection committee awarded ten scholarships to students from the following universities and institutions: University College London (UCL), London, United Kingdom; Academy of Fine Arts in Gdansk, Gdansk, Poland; Institute for Advanced Architecture of Catalonia (IAAC), Barcelona, Spain; Harvard University, Cambridge, MA, United States; Eidgenössische Technische Hochschule (ETH) Zürich, Zürich, Switzerland; University of Stuttgart, Stuttgart, Germany; University of Agriculture and Technology, Nairobi, Kenya.

Public Debate
Date and time: 26th April 2022
12:30 p.m. - 2.30 p.m.
Venue: Fundación Francisco Giner de los Ríos, Paseo del General Martínez Campos 14, Madrid, Spain

With the participation of **Sheila Foster, Iain Macdonald, Luke Olsen, Holly Samuelson, Frédérick Bordry, Dava J Newman and Guillermo Trotti.**

Jacopo Buongiorno, Director, Centre for Advanced Nuclear Energy Systems (CANES), Massachusetts Institute of Technology (MIT), Cambridge, MA, United States, will chair the debates.

If you are interested in attending the public debates above, please register via Eventbrite.

Norman Foster Foundation

The Norman Foster Foundation promotes interdisciplinary thinking and research to help new generations anticipate the future.

The first mission of the Norman Foster Foundation is to make visible the centrality of architecture, infrastructure and urbanism for the betterment of society. To this end, the second mission is to encourage new thinking and research across traditional boundaries in order to help younger generations anticipate the challenges of future change. In particular, the foundation speaks to those professionals who are concerned with the environment— architects, engineers, designers, urbanists, civic leaders, planners and artists. This is at the heart of the foundation's holistic approach to design and is ever more relevant as populations shift to cities. With the implications of climate change, robotics and artificial intelligence, sustainable design is not about fashion but about survival.

The Foundation holds the Norman Foster Archive and Library, which provide a window into the larger narrative and history of our built environment through the work of Norman Foster. This is complemented and supported by drawings and models from other significant architects such as Claude-Nicolas Ledoux, Le Corbusier, Mies van der Rohe, Charles and Ray Eames, Buckminster Fuller, Richard Rogers, Zaha Hadid and Tadao Ando. Through its research initiatives and programmes, the Norman Foster Foundation encourages the transfer of advanced knowledge in a wide range of design fields.

The Foundation's educational initiatives are structured around research, workshops, fellowships and forums, built around the Foundation's core objectives.

The Norman Foster Foundation is based in Madrid and operates globally.

Visit www.normanfosterfoundation.org for more information or follow us on Facebook, Instagram, Twitter and Vimeo.

GS Energy
GS Energy has strengthened its position as a leading energy solution company supplying oil, gas, electricity and heat through various investments.

The first mission of GS Energy is to contribute towards greater energy security. Accordingly, the company is participating in exploration and production (E&P) projects in the Middle East region to attain further integration throughout its supply chain, namely for its refinery and petrochemical business. Furthermore, in order to provide a cleaner and more stable supply of energy to many, it is enhancing its abilities through participation along the liquefied natural gas (LNG) value chains from LNG trading, regasification/storage terminal to power and district heating businesses.
The second mission is to lead change of the energy paradigm towards a sustainable future for the next generations. To this end, GS Energy actively seeks to secure diversified and cleaner energy portfolios, provide smart energy solutions and build the resource recirculation system. Furthermore, the company explores opportunities to invest into new and clean energy technologies through its venture capital investment pipeline in Korea, the United States and Europe—all of which can lead to a net-zero and carbon-free future. This includes investments in renewable energies, such as solar and wind power generation, hydrogen energies, small modular nuclear reactor technology, electric vehicle charging, battery recycling and virtual power plant businesses.

GS Energy aspires to conduct its business in a socially responsible and ethical manner, protecting people and the environment, and benefitting the planet-wide communities to which we belong. Additionally, consistent with its strong belief in the power of collective intelligence and collaborative work for better solutions, GS Energy consistently sponsors energy workshops, forums and policy initiatives.

PRESS ENQUIRIES
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