

Appointment of Professor James Tour to Advisory Board

Highlights:

- Professor James Tour appointed to the ECT Advisory Board
- Professor Tour is the inventor of the Flash Joule Heating (**FJH**) process, a patented technology which underpins ECT's PFAS soil remediation solution
- He is currently a Professor of Chemistry and Professor of Materials Science and Nano Engineering at Rice University
- He is a globally recognised expert in chemistry, nanotechnology and advanced materials and is the recipient of numerous awards and accolades, including being inducted into the National Academy of Engineering, National Academy of Inventors and being listed in The World's Most Influential Scientific Minds by Thomson Reuters
- Appointment strengthens ECT's technical capability and provides direct continuity with the origin and development of the FJH technology
- Professor Tour is a founding and largest shareholder of Terrajoule Pty Ltd, and will become a shareholder of ECT on completion of the transaction which is expected shortly
- Professor Tour's appointment follows the recent appointment of Mr Robert Billot to the Advisory Board, an American environmental attorney and renowned global leader in the fight against PFAS

Environmental Clean Technologies Limited (**ASX: ECT**) (**ECT** or **the Company**) is pleased to announce the appointment of Professor James Tour to its Advisory Board.

Professor Tour is currently a T. T. and W. F. Chao Professor of Chemistry and Professor of Materials Science and Nanoengineering at William Marsh Rice University, with more than 850 publications and over 130 granted patents.

Professor Tour is a global authority in chemistry, nanotechnology and advanced materials, and is the inventor of the FJH process which underpins ECT's PFAS soil remediation solution. A number of his inventions and research at Rice have been successfully licenced for commercial development including to:

- Weebit Nano Limited (ASX:WBT) which is a developer of advanced semiconductor memory technology and has a current market capitalisation of ~\$775M. Professor Tour is a founder and scientific advisor of Weebit;
- Metallium Limited (ASX:MTM) which has licenced the FJH technology for the purposes of recovering metals from certain waste material and has a current market capitalisation of ~\$633M; and
- Universal Matters, a private company which is pioneering the conversion of carbon-based materials into graphene using the FJH technology.

Professor Tour's appointment to ECT's Advisory Board reflects the significance he places on the development and potential application of the FJH technology through ECT. His knowledge of the FJH technology will provide the Company with a significant advantage as it seeks to develop and commercialise its PFAS remediation solution. Professor Tour's appointment strengthens the relationship between him, Rice University and ECT, and will assist the Company as it pursues its broader strategy of developing a diversified portfolio of innovative technologies. He has agreed to join the Advisory Board for no consideration. Professor Tour is a founding and largest shareholder of Terrajoule Pty Ltd which will be acquired by ECT pursuant to the transaction announced by the Company on 25 September 2025. On completion of the transaction (which is expected shortly), he will become a large shareholder of ECT, aligning his interests with that of shareholders.

Commenting on the appointment of Professor Tour, ECT Executive Chairman Faldi Ismail said: *"We are delighted to welcome Professor Tour to our Advisory Board. As the inventor of the Flash Joule Heating technology, his guidance will be invaluable as we look to fast track the development and commercialisation of our PFAS remediation technology."*

Following the recent appointment of environmental lawyer and global PFAS expert Robert Bilott, our Advisory Board now provides us with a significant network, and strong industry and technical expertise to support our next phase of development and pursue our growth strategy."

The Board authorises the release of this announcement.

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