Event program

ATMOSPHERIC CARBON REMOVAL SUMMIT 2023

September 27, 2023

When Wednesday 27 September, 2023
9:00am to 4:30pm
Networking drinks to 6:30pm

Where University of Technology Sydney Business School
14-28 Ultimo Rd, Haymarket NSW 2007
(enter via the Goods Line entrance)

08:30	**Registration and coffee**
09:00	**Welcome to Country** Aunty Yvonne Weldon
09:15	**Conference welcome** Professor Christian Turney – *Pro Vice-Chancellor Research* **University of Technology Sydney**
09:25	**The importance of atmospheric carbon removal in mitigating climate change** Roger D. Aines, Ph.D – *Senior Advisor for Carbon Dioxide Removal, Office of the Under Secretary for Energy and Innovation* **US Department of Energy**
09:50	**Atmospheric carbon removal and Australia's net zero policy goals** Dr Will Howard – *Lead Scientist* **Climate Change Authority**
10:15	**The opportunity and conditions for a successful industry in Australia** Henry Adams – *Director* Alana Hollestelle – *Associate Director* **Common Capital**
10:40	**Morning tea**

	STREAM 1 – Measurable and durable CO_2 removal and storage	STREAM 2 – Economics, Governance and Community
11:00	**Integrating agriculture and landscape regeneration for scalable and durable carbon removal** Professor Justin Borevitz – *Research School of Biology* **Australian National University**	**Designing for scalability – Industry perspectives on US tax credits and Regional Direct Air Capture Hubs** Alexa Dennett – *Head of Marketing and Communications* **Heirloom Carbon**
11:20	**Harnessing geology to accelerate permanent CO_2 storage through mineral carbonation** Greg Dipple, Ph. D – *Head of Science and Co-founder* **Arca**	**Delivering megaton scale CO_2 mineralisation through Australia's mining capabilities** Samantha Langley – *Principal Business Planning Climate Change, GHG Emissions Reduction and Sustainability* **BHP Nickel West**
11:40	**Next generation direct air capture solutions** Professor Deanna D'Alessandro – *ARC Future Fellow, School of Chemistry* **University of Sydney** Scientific Advisor **- Southern Green Gas**	**Navigating regulatory approvals and building social license for first-of-a-kind critical infrastructure** Victoria Mendes Da Costa – *Permitting Director* **CarbonNet Project**
12:00	**Navigating the potential and challenges of ocean solutions** Professor Philip Boyd – *ARC Laureate Fellow, Institute for Marine and Antarctic Studies* **University of Tasmania** Professor Michael Elwood – *Research School of Earth Sciences* **Australian National University**	**Social licence and sustainable funding models for scaled carbon removals** Monica Richter – *Senior Manager, Low Carbon Futures* **WWF**
12:20	**How do we accelerate RD&D to match the speed and scale of removals required** Dr Andrew Lenton – *Director, Permanent Carbon Locking Future Science Platform (CarbonLock)* **CSIRO**	**The path forward: lessons from 15 years of clean tech development** Sophia Hamblin Wang – *Chief Operating Officer* **MCi Carbon**
12:40	**Lunch**	
01:40	**The UTS Green Genie – harnessing algae for direct air carbon capture** Professor Peter Ralph – *Executive Director of the Climate Change Cluster* **University of Technology Sydney**	
01:50	**Panel discussion: Getting it right for people, communities, and ecosystems** Professor Jan McDonald – *Faculty of Law* - **University of Tasmania** Monica Richter – *Senior Manager, Low Carbon Futures* - **WWF** Victoria Mendes Da Costa – *Permitting Director* - **CarbonNet Project** Roger D. Aines, Ph.D – *Senior Advisor for Carbon Dioxide Removal* - **US Department of Energy**	
02:45	**Afternoon tea**	
03:40	**Panel discussion: Roadmap to scale** Sophia Hamblin Wang – *Chief Operating Officer* - **MCi Carbon** Greg Dipple, Ph.D – *Head of Science and Co-founder* - **Arca** Jaime Painter – *Chief of Staff* - **Loam Bio**	
04:20	**Conference close** Professor Christian Turney – *Pro Vice-Chancellor Research* **University of Technology Sydney**	
04:30	**Networking drinks**	
06:30	**End**	