

CCUS TECHNOLOGY BOLSTERED WITH UTILISATION ROADMAP

Statement from Low Emission Technology Australia Chief Executive Officer, Mark McCallum

The CO₂ Utilisation Roadmap released today by the CSIRO provides important guidance that will help accelerate the adoption of low emission technologies and reduce carbon emissions from industrial sources.

Globally, there is an increasing focus on how CO₂ can be used to improve both sustainability and economic outcomes.

We know that carbon capture and storage is a critical technology to help us move towards net-zero, but use of that captured carbon is too — it can be a valuable revenue stream and make carbon capture utilisation and storage (CCUS) investment opportunities more viable.

The ability to turn CO₂ from waste streams into lower-carbon products that we use every day, like cement and building products, not only reduces emissions and carbon intensity, but also could lower the cost of those products for consumers.

CSIRO's roadmap complements the work LETA is doing to establish a carbon hub in Queensland which will provide the infrastructure and framework for CO₂ use and storage for the industrial sectors, as well as unlock new clean industries such as hydrogen and ammonia.

Whether the CO₂ is stored or used, the end goal is the same — reducing emissions.

The International Energy Agency says CCUS “will need to form a key pillar of efforts to put the world on the path to net-zero emissions” and this CSIRO roadmap is another key to moving the low emission technology sector forward.

ENDS

About LETA

LETA is a \$550 million fund established by the Australian black coal industry to invest in technologies that can significantly reduce emissions and support the transition to a low emission global economy, in line with the Paris Agreement. We partner with government and industry locally and internationally to develop projects that reduce and remove carbon emissions from large-scale industrial processes such as power generation, steel and cement manufacturing, mining, and future energy sources such as hydrogen. Our investment in low-emissions technologies demonstrate and support global action to lower industrial emissions in Australia and overseas.

About LETA projects

LETA's projects include Australia's first carbon hub in Queensland, the Carbon Transport and Storage Company CCUS project, clean hydrogen production and the Allam Cycle – a near-zero emission power generation technology for coal.