

Press Release

31 January 2024

Rumin8 officially opens demonstration plant as it progresses towards commercialisation

Australian climate technology company Rumin8 has officially opened its manufacturing demonstration plant, a significant milestone on its pathway towards commercialisation of the Company's affordable feed and water supplements that reduce methane emissions from livestock.

Located in Perth, Western Australia, and officially opened by Western Australia Agriculture Minister Jackie Jarvis, the demonstration plant has been constructed to provide proof of concept – technical, manufacturing and cost of production – to produce the various formulations of Rumin8's inaugural product.

"The demonstration plant will help Rumin8 overcome one of the biggest hurdles to commercialisation," said Rumin8 CEO David Messina.

"We know our product works in terms of reducing methane emission from livestock while retaining or improving productivity. Now we need to refine the production of our formulations in a pharmaceutical manufacturing setting rather than a laboratory setting to demonstrate a range of outputs such as cost, product integrity, QA, etc.

"We have every confidence we can successfully achieve those goals using this demonstration plant."

The demonstration plant is a precursor to large scale production, including pilot plants and full-scale commercial operations.

Once operating at maximum design capacity, the demonstration plant is expected to produce thousands of doses a day, providing additives to support large-scale trials of Rumin8's product.

"In addition to our own staff, we have established partnerships with local laboratories (University of Western Australia and Murdoch University) to supplement on-site operations for the testing and validation of product made at the demonstration facility," Mr Messina said.

Media:

Cameron Morse

+61 433 886 871

cameron.morse@fticonsulting.com



About Rumin8

Rumin8 harnesses lessons from nature, to create climate friendly supplements which reduce methane emissions from livestock.

It is on a mission to decarbonise 100 million cattle by 2030, preventing 200 million tonnes of CO₂-e from entering the atmosphere.

Rumin8's unique strength is in its patent-protected technology and proprietary expertise in using a highly scalable, repeatable and low-cost pharmaceutical process to synthesize and stabilize the target compound Tribromomethane (TBM), originally found in seaweed.

The Company's technology is applicable to a range of methane reducing compounds found in plants and it developing a series of product solutions that suit a wide range of livestock management practices, covering feedlot and pasture applications.

In addition to its focus on methane reduction, the Company is also targeting productivity gains.

Rumin8 has already concluded successful animal trials in Australia, New Zealand, Brazil and the United States.

