

Streamlined Environmental Approval Pathway Secured

COLDry Commercialisation Project Update

Highlights:

- **Streamlined Approvals Process:** Agreement from the EPA (Environment Protection Authority) for the COLDry commercialisation project to proceed under the Pilot Pathway approvals process.
- **Support for Project Schedule:** Streamlined approvals process aligns with the COLDry Commercialisation Project's schedule.

Environmental Clean Technologies Limited (**ASX: ECT**) ("ECT" or "the **Company**") is pleased to announce the confirmation of the application pathway by the Victorian EPA for the Company's COLDry commercialisation project ("**the Project**") situated in Bacchus Marsh, northwest of Melbourne.

ECT's Managing Director, Sam Rizzo, highlighted the significance of this milestone, stating:

"This outcome is of great significance to us, as environmental approvals stand as a critical aspect in the timeline of any industrial project. Based on project scope, the EPA offers two distinct pathways: the 'pilot pathway' offers more flexibility and adaptability in its approach compared to the 'commercial pathway', which follows more rigid protocols'.

"ECT's COLDry commercialisation project integrates numerous innovations with low environmental risk. As such, we are delighted to confirm that the EPA has approved the 'pilot pathway', enabling a streamlined approach that aligns with our Project's timelines."

The Pilot Pathway offers the following benefits:

- **Flexibility:** flexibility and adaptability in its approach
- **Innovation:** streamlined approvals for innovative or experimental projects,
- **Collaboration and Monitoring:** The pilot pathway often involves more stakeholder collaboration and ongoing monitoring and adjustments.



ECT looks forward to working collaboratively with the EPA to realise the Project and remains committed to delivering innovative and environmentally responsible decarbonisation solutions.

Background – COLDry Commercialisation Project

With a target capacity of 120,000 tonnes per annum, the goal is to deploy Australia’s first fully integrated facility to convert plastic-contaminated waste biomass and lignite into high-value products. These products include activated char, agricultural char, fertilisers, synthetic fuels and low-cost clean hydrogen for emission-free power and transport.

Key benefits of this innovative approach include:

- Low CAPEX
- Low OPEX
- Waste inputs
- Low product cost
- Net zero emissions

Plastic-contaminated biomass is a growing problem, leading to it being redirected to landfill, where it can take centuries to break down and can persist longer in the form of microplastics.

ECT's COLDry Commercialisation Project aims to tackle the challenge of plastic-contaminated biomass by diverting up to 35,000 tons annually from landfills. This process employs pyrolysis to effectively break down plastic compounds while ensuring a net-zero environmental impact by capturing and utilising the resultant syngas.

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This announcement is authorised for release to the ASX by the Board.

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