ENVIRONMENTAL CLEAN TECHNOLOGIES LIMITED

Rotary Kiln Acquisition Fast Tracks Phase 2 of Coldry Project

4 June 2021: Environmental Clean Technologies Limited (**ECT** or **Company**) (**ASX:ECT**) is pleased to announce the purchase of a rotary kiln, a key Phase 2 component of its Coldry-enabled char project. The total cost of the acquisition (including transport) is estimated to be $300,000, and is anticipated to deliver savings of up to $500,000, reducing Phase 2 lead time by up to four months.

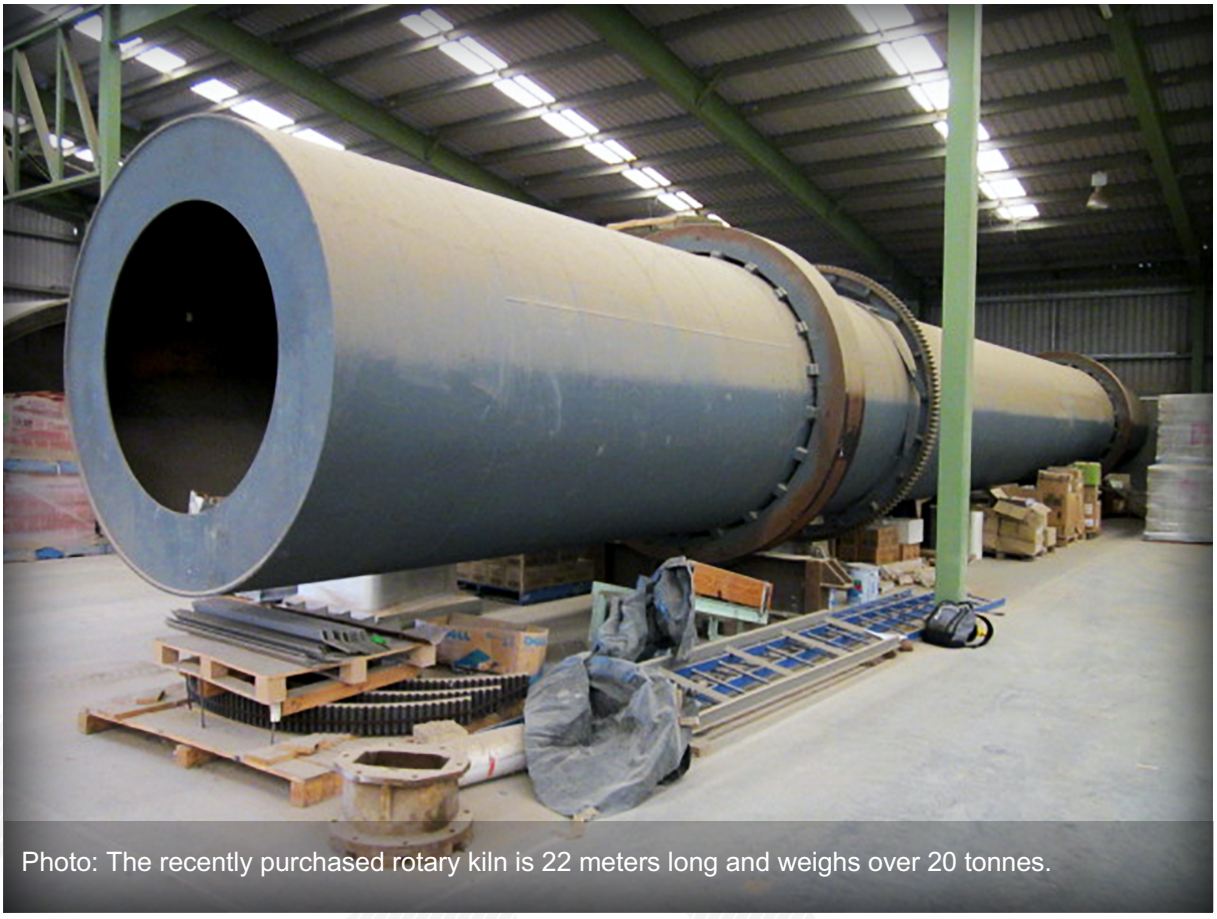

Photo: The recently purchased rotary kiln is 22 meters long and weighs over 20 tonnes.

Originally intended to be sourced internationally, the rotary kiln is the single most expensive and longest lead time piece of equipment for Phase 2, originally budgeted at a cost of $800,000 with a seven month lead time.

Given the recent experiences with international procurement delays arising from the COVID19 pandemic, the Company has been exploring alternative local suppliers for a range of equipment and identified a fit for purpose, second hand, unused rotary kiln in Geraldton, Western Australia.

Arrangements are underway to transport the equipment from Western Australia to Victoria.

Executive Chairman, Glenn Fozard commented:

"We have lost around three months in phase one of the Project, driven by the COVID19 impact on overseas and domestic procurement. Securing this critical piece of equipment here in Australia allows us to keep the broader project timetable and budget on track, as we save on procurement costs and shorten the original lead time we had anticipated from having to acquire this critical piece of equipment from overseas."

The Company looks forward to providing further updates on its Coldry Project in due course.

This announcement has been approved for release by the Board.

For further information, contact:

Glenn Fozard – Chairman *info@ectltd.com.au*

About ECT

ECT is in the business of commercialising leading-edge energy and resource technologies, which are capable of delivering financial and environmental benefits.

We are focused on advancing a portfolio of technologies, which have significant market potential globally.

ECT's business plan is to pragmatically commercialise these technologies and secure sustainable, profitable income streams through licensing and other commercial mechanisms.

About Coldry

Coldry is the gateway enabler of higher-value applications for low rank coals.

Low rank coals are a rich source of valuable hydrocarbons but suffer from high moisture content that must be reduced to enable higher-value upgrading and conversion to solid fuels, liquid or gaseous hydrocarbons.

Drying is easy. However, drying efficiently and cost effectively has been the challenge. Coldry meets this challenge through a combination of 'brown coal densification' and waste heat utilisation, delivering the world's first low temperature, low pressure, low cost, zero CO_2 emissions drying process.

About HydroMOR

The HydroMOR process has the potential to revolutionise primary iron making.

HydroMOR is a simple, low cost, low emission, hydrogen-driven technology which enables the use of 'low value' feedstocks to produce primary iron.

About COHgen

The COHgen process has the potential to deliver a lower cost, lower emission method for hydrogen production from brown coal.

COHgen is currently advancing through fundamental laboratory development intended to form the basis for a patent application ahead of scale up and commercialisation.

About CDP-WTE

The catalytic depolymerisation-based waste-to-energy process converts 'low-value' resources into higher-value diesel and other valuable by-products.

CDP-WTE can be deployed as a standalone solution or integrated with the Coldry process to deliver higher-value, lower-emission energy solutions to lignite resource owners.