

Boost for the global deployment of Licella's innovative Cat-HTR™ technology as global plastics licensee Mura Technology partners with leading engineering firm KBR

Friday 15th January 2021 8.00am AEST

Australian-based technology pioneers, [Licella Holdings](#) ('Licella'), Mura's largest single shareholder, congratulate [Mura Technology](#) ('Mura'), UK-based developer and licensee of their Cat-HTR™ platform, on announcing a global partnership with [KBR](#), a leading international provider of science, technology and engineering solutions. The new partnership supports the global deployment of Licella's commercial-ready Cat-HTR™ chemical recycling solution for post-consumer plastic waste.

Licella's [Catalytic Hydrothermal Reactor \(Cat-HTR™\)](#) platform uses supercritical water to economically convert waste plastics, otherwise destined for landfill, into oil to produce fuels, chemicals and new plastics - helping to unlock a circular economy for all plastic.

Licella created the Cat-HTR™ platform technology alongside company Co-Founder and the Prime Minister's Innovation Prize winner, Prof. Thomas Maschmeyer. The company has been strongly supported by the University of Sydney during its journey from start-up to global technology innovators.

Licella Co-Founder, CEO and Cat-HTR™ Co-Inventor, Dr Len Humphreys, commended Mura on their progress towards a global-roll out of Licella's breakthrough technology.

"Licella are delighted by the news of the partnership between Mura and KBR, a truly world-class commercial partner. Through this global partnership, KBR demonstrate their confidence in both Mura and our Cat-HTR™ technology, as an environmentally responsible solution to transform plastic back into a valuable and reusable resource," he said.

Complementing the KBR partnership, Mura retains the ability to develop its own operational recycling capacity, with the first Cat-HTR™ site currently in development at Teesside in North East England. On completion, the site will be able to process 80,000 tonnes of plastic waste per year.

Globally Mura plans to have a recycling capacity of 1 million tonnes of plastic waste in operation or development by 2025.

KBR's position at the forefront of innovative, game-changing technologies offers Mura world-class development opportunities within the global petrochemical sector.

The Mura announcement can be [accessed here](#).

About Licella

Licella's patented Catalytic Hydrothermal Reactor (Cat-HTR™) is the World's most commercially advanced hydrothermal liquefaction ('HTL') technology – the 'next-generation' of feedstock recycling, chemically transforming low value feedstocks into oil, which can be refined to high value fuels and chemicals. With more than A\$75M invested over 12 years, the Cat-HTR™ technology is now commercial ready and proven across a wide range of feedstocks, including waste biomass and End-of-Life Plastic.

For more information on Licella and its Cat-HTR™ technology, visit www.licella.com

Media Enquiries

Andrea Polson, Marketing and Communications Manager: andrea.polson@licella.com