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Diamond Edge Ventures Invests in Licella to Advance Circular Chemicals and Low-Carbon Fuels Globally

San Francisco, CA – Diamond Edge Ventures, Inc. (President: Curtis Schickner, hereinafter “DEV”), the corporate venture arm of Mitsubishi Chemical Group (MCG Group), announced today its investment in Licella Holdings, Ltd. (CEO: Dr. Len Humphreys, hereinafter “Licella”), an Australian technology leader in advanced recycling and renewable fuels. The funding will help accelerate Licella’s global expansion and commercial deployment of its proprietary Catalytic Hydrothermal Reactor (Cat-HTR™) technology.

Licella’s Cat-HTR™ process uses hydrothermal liquefaction to convert end-of-life plastics, agricultural residues, and other biomass into synthetic oil that can be refined into sustainable fuels and circular chemical feedstocks. Licella’s modular, feedstock-flexible technology enables scalable solutions for hard-to-recycle waste, supporting the transition to a low-carbon, circular economy. The partnership also supports MCG’s goal to build a stable supply platform for green chemicals and advance circularity and decarbonization initiatives in Japan and globally, in line with KAITEKI Vision 35.

Curtis Schickner, President of Diamond Edge Ventures, said:

“Our investment in Licella reflects Diamond Edge Ventures’ commitment to advancing technologies that directly support Mitsubishi Chemical Group’s KAITEKI Vision 35. Licella’s Cat-HTR™ platform offers a scalable and flexible pathway to produce circular chemicals and sustainable fuels from hard-to-recycle waste streams—exactly the kind of innovation needed to build a stable supply platform for green chemicals. By partnering with Licella at this pivotal stage, including supporting its efforts with the Japanese consortium on sustainable aviation fuel production, we are helping to accelerate the transition to a low-carbon, circular economy.”

Dr. Humphreys, Co-Founder & CEO of Licella, said:

“We are proud to partner with Diamond Edge Ventures and Mitsubishi Chemical Group at this important moment for Licella. Their funding and strategic support validate the commercial readiness of our Cat-HTR™ platform and its unique ability to deliver scalable, low-carbon solutions for hard-to-recycle plastics and biomass residues. Together, we aim to accelerate the shift to fossil-replacement solutions that contribute to MCG’s vision for a greener, more sustainable chemical industry.”

The investment builds on Licella’s collaboration with a Japanese consortium, including Mitsubishi Chemical Corporation, Japan Airlines, and Marubeni Corporation, to study domestic production of sustainable aviation fuel and circular chemicals using Licella’s Cat-HTR™ technology.

About Diamond Edge Ventures, Inc.
Diamond Edge Ventures, based in San Francisco, CA, was established in 2018 as Mitsubishi Chemical Group's corporate venture capital arm. DEV invests in and partners with high-potential companies to drive innovation and new product development across MCG Group's business areas. For more information, visit www.diamondedgeventures.com or contact info@diamondedge.vc.

About Licella Holdings Ltd (Licella)
Licella is an Australian-based global technology pioneer delivering scalable, low-cost and high-value fossil replacement solutions. Our proprietary Cat-HTR™ platform uses hydrothermal liquefaction (HTL) to convert biomass and plastic waste into sustainable oil, refined into advanced biofuels (including sustainable aviation fuel), renewable chemicals and circular plastics.

Cat-HTR™ is proven at commercial scale, following hundreds of millions invested in the technology scale-up globally. It powers the world's largest HTL biofuels plant, now in commissioning in Canada. For plastics outside Australia and New Zealand, the technology is licensed to UK-based Mura Technology, of which Licella is a founding shareholder.

Backed by world-leading partners, Licella is enabling flexible, lower-carbon pathways to a net zero future.

For more information, visit licella.com