

Advanced Recycling Australia: The Altona Plant Update

October 2023

SUMMARY OF ACHIEVEMENTS

Great progress has been made over the last 6 months

- **Team:** growing project execution capabilities, starting with EGM Asia & Australasia
- **Engineering:** advanced all site-specific engineering design work to FEL-2 with GHD and local contractors
- **Feedstock:** conducted 2 stages of an EOI process, multiple feedstock sources identified, opportunity to partner with existing waste management, resource recovery and recycling companies as well as sourcing direct. RedCycle collapse has increased our ability to access larger quantities quicker
- **Offtake:** MOU's in place with 3 major oil refiners, all willing to support circularity downstream to packaging companies, draft contracts underway
- **Funding:** Amcor and Modelez funding received (circa \$8m)
- **Project Execution:** the first commercial scale plastics facility in Wilton, UK is scheduled to commence operations in December 2023

THE WILTON, UK PROJECT

The project is transitioning from construction into commissioning



- MURA (owned ~29% by Licella) is constructing first of a kind commercial Cat-HTR plastics recycling plant in Wilton, UK.
- Construction and commissioning completion targeted for December 2023



CHALLENGES, OPPORTUNITIES & NEXT STEPS

We believe there is an opportunity to improve the net outcomes of the project

- **Lessons Learned:** there are a significant number of lessons learned from the Wilton project, which will continue through commissioning and into operations, these lessons are currently being absorbed by the Altona project team and will certainly lead to improvements, specifically in areas such as capital execution optimisation, operational size and scale optimisation, and equipment procurement strategy
- **Feedstock:** significant opportunity for Government to support AFGC and fast-track mandatory 'placed on market scheme' and/or tax for soft plastics to accelerate collections, sort, separate and recycling infrastructure to increase feedstock volumes
- **Capital Costs:** global inflation continues to increase project execution costs, specifically in the areas of key equipment manufacture, freight and logistics costs and labour
- **Project Timeline and Outcomes:** funding delays and changes to technology partners will have an impact on the schedule, we are however hoping to be able to increase the day 1 capacity of the plant from 20,00tpa, accelerating expansion plans and optimising financial outcomes