



Plastic recycling technology for a sustainable future

Third Quarter Trading Update

28 November 2023

# Repositioned our business for profitable growth

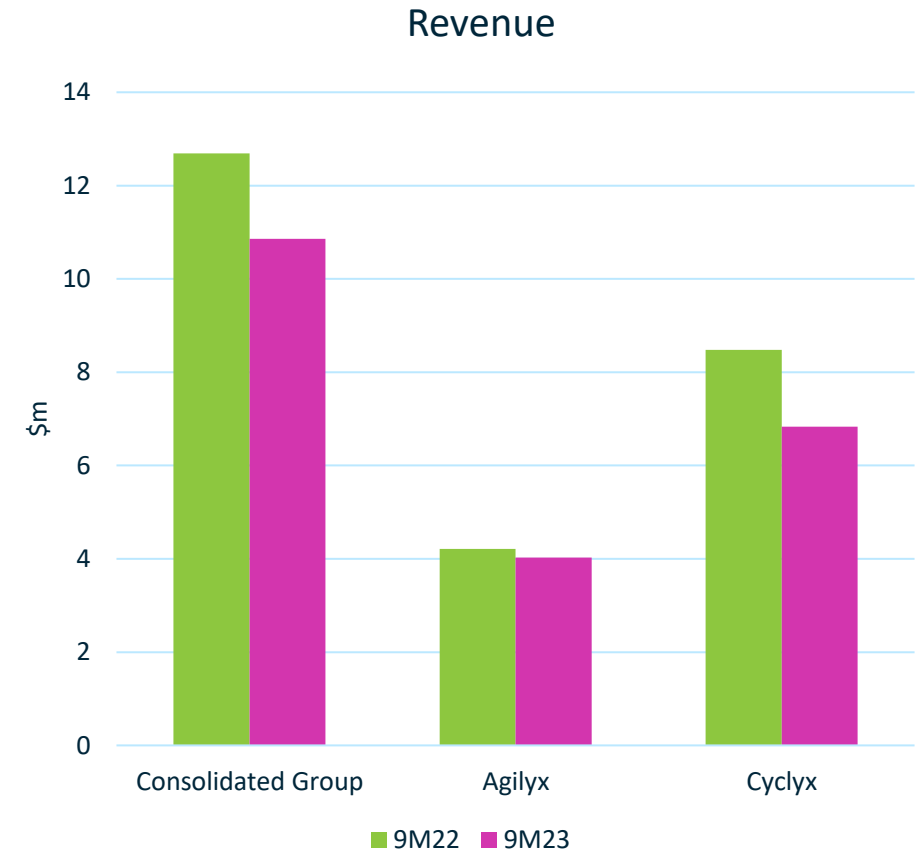
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- Refocused the conversion business on waste-to-product applications where we are unique
- Changed the Cyclyx business model to enable the industry groundbreaking platform for industrial scale recycling of plastics
- Secured investment for Cyclyx to enable it to accelerate growth
- Gross profit contribution has improved, despite revenue being down on prior year
- Materially reduced overhead costs
- Invested in FEL3 design with Ineos
- Raised \$20m of capital
- Repaid debt in a high interest rate environment



# Steady performance, with improvement in Cyclyx volumes in Q3

- Unaudited revenue of \$10.9m down from \$12.7m last year
  - Agilyx revenue driven by Toyo Styrene
  - Cyclyx revenue is lower than PY due to customer facility maintenance in 1H, but volumes ahead of PY in Q3
- Continued improvement in gross profit contribution
- Operating costs forecasted to reduce following cost saving initiatives
  - Net cash of \$8.2m at 30 September (vs \$17.8m PY)
  - Substantially increased following \$20m capital raise in October
  - Opex currently running at c.\$0.6m per month
- Cyclyx will be deconsolidated from November 2023
  - Pro forma P&L is provided as an appendix to the statement



# Agilyx focusing on core strengths and acceleration of project pipeline

## Core strengths and focus



Technology developed and demonstrated over **19 years** and 8 generations; core is an electrified pyrolysis reactor that can be used with different types of waste plastic per customer need



Differentiated in “**waste-to-product**” space; conversion of plastic waste to a tradable product - no need for intermediate steps. Technology partners Technip (TruStyrenyx); BioBTX; Mitsubishi



**Asset-light business model** provides flexibility to address multiple opportunities with limited capital deployment. Extensive pipeline of opportunities



Continue to leverage **competitive advantage** within waste-to-product **conversion pathways** and **asset-light** business model



Convert selected projects into construction phase



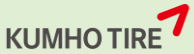




Targeting 3 new projects per year





Near term development resources to focus on key projects

## Key projects and further potential in pipeline

Project	Project Status
 TOYO STYRENE	<ul style="list-style-type: none"><li>Project construction on track for start up in early 2024</li></ul>
 INEOS	<ul style="list-style-type: none"><li>TruStyrenyx development with Technip</li><li>Final stage of engineering to be completed Q12024</li></ul>
 KUMHO TIRE	<ul style="list-style-type: none"><li>TruStyrenyx development with Technip</li><li>License discussions ongoing</li></ul>
 MITSUBISHI	<ul style="list-style-type: none"><li>PMMA (plexiglass) circularity</li><li>Ongoing evaluation; decision expected towards year end</li></ul>
 BioBTX	<ul style="list-style-type: none"><li>BTX (aromatic chemicals) ~40% of total petchem market</li><li>Fast track engineering underway ahead of licensing and construction</li></ul>

## Opportunity for Agilyx by 2030

 *60% of polymers*  
*~12-24mt p.a.*  
*Can be recycled by Agilyx*  *At 33kt p.a. capacity*  
*~360-720 plants*  
*Total addressable market by 2030*

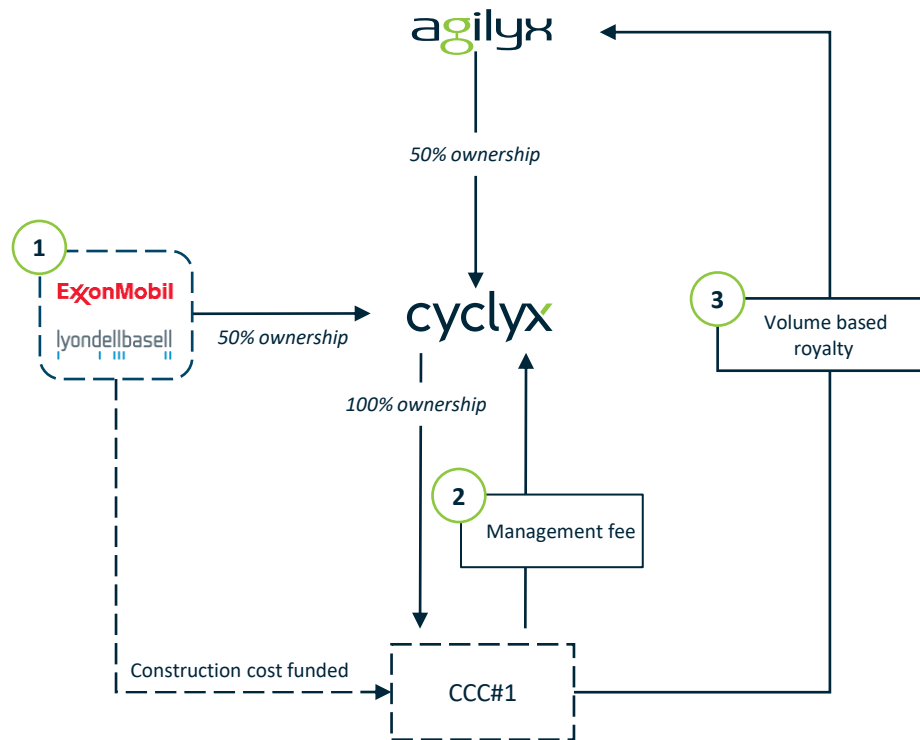
# First customer plant nearing completion

- Toyo Styrene plant in Japan is nearing completion
  - Construction making good progress
  - Expect commissioning in 1Q24
  - 3.0kta once fully operational
- Toyo team have been to Tigard for training
  - Our commissioning team due to arrive in Japan in early December
- Toyo are sourcing their own post-industrial waste feedstock from existing customers to create circular styrene
- Styrene produced will be fed into their styrene facility on site, to create polystyrene



CCC1 is a first of its kind, fully funded industrial scale system unlocking the business opportunity, while still generating attractive earnings to Agilyx

## CCC1



## Cyclyx gains first operating plant, de-risked and also profitable

Industrial scale and fully vetted after close engineering cooperation with LB and EM through 12 months of detailed planning and costing

1

All CAPEX risk borne by LYB and EM  
Operating risk mitigated by offtake agreements with EM and LYB for the life of the facility

2

CCC#1 will pay an annual USD 7m management fee to Cyclyx, and Agilyx's ownership in Cyclyx entitles it to 50% of Cyclyx earnings

3

CCC#1 also pay USD ~2.5m p.a. in royalties direct to Agilyx for use of the background intellectual property

Strong contribution from CCC#1 when operational 2025

# Future Cyclyx Circularity Centers with stronger underlying economics

## Agreement with EM and LYB provides opportunity for additional capacity to meet their feedstock requirements

- Offtake commitments from EM and LYB
- Agilyx has option to participate in future CCCs with EM and LYB at its discretion

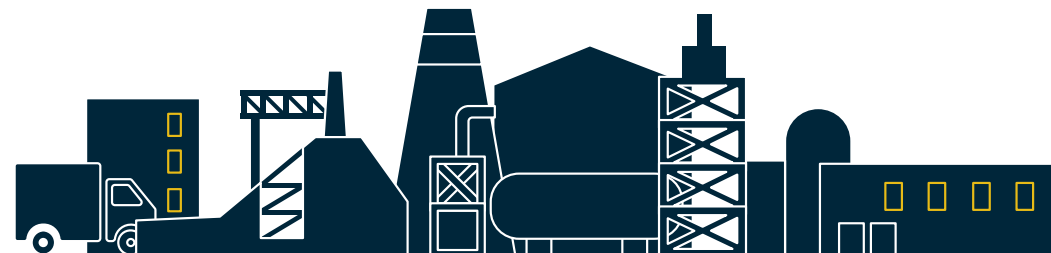
### Example of future cash generation roll up attributable to Agilyx<sup>1</sup>

USDm	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
CCC#1	3.5	3.5	3.5	3.5	3.5
CCC#2		11.5	11.5	11.5	11.5
CCC#3			11.5	11.5	11.5
CCC#4				11.5	11.5
CCC#5					11.5
Royalty to Agilyx	2.5	5	7.5	10	12.5
<b>Total</b>	<b>6</b>	<b>20</b>	<b>34</b>	<b>48</b>	<b>62</b>

- CCC#1: Agilyx is not investing in the asset, just shared services
- CCC#2 onwards: Investible return of ~15%
- Each 178kta CCC to generate royalties to Agilyx of USD ~2.5m pa

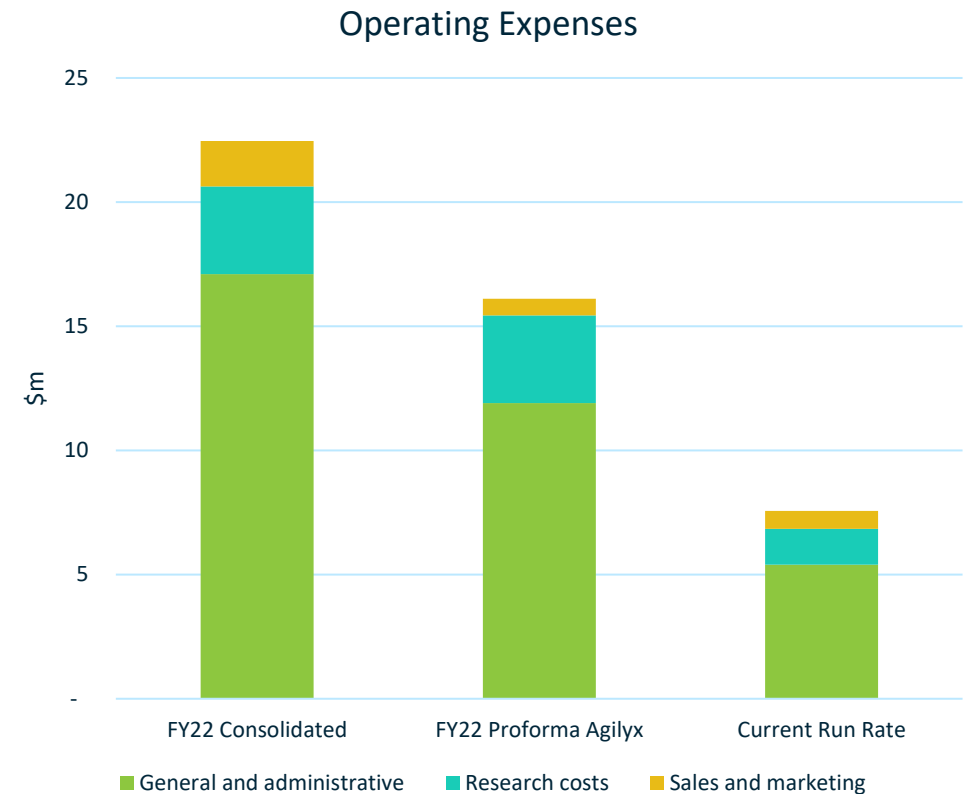
## Significant growth opportunity with other customers

- New structure enables rapid scale up
  - Cyclyx can build or license CCCs for other customers
  - Agilyx can choose to participate
- Agilyx does not take the operational risk in CCCs with EM and LYB and therefore returns are lower
  - Significant opportunity to sell output at market returns
  - Potential cash generation attributable to Agilyx USD ~30m p.a.<sup>2</sup>
- Funding for subsequent CCCs likely to be through project or debt finance
- All CCCs (licensed or BOO) will generate a volume-based royalty to Agilyx
- Agilyx entitled to 50% of Cyclyx earnings
  - Cyclyx will no longer be consolidated: will be accounted for using the equity method with projected \$200m carrying value



# Transaction de-risks Cyclyx and lowers opex burden for Agilyx

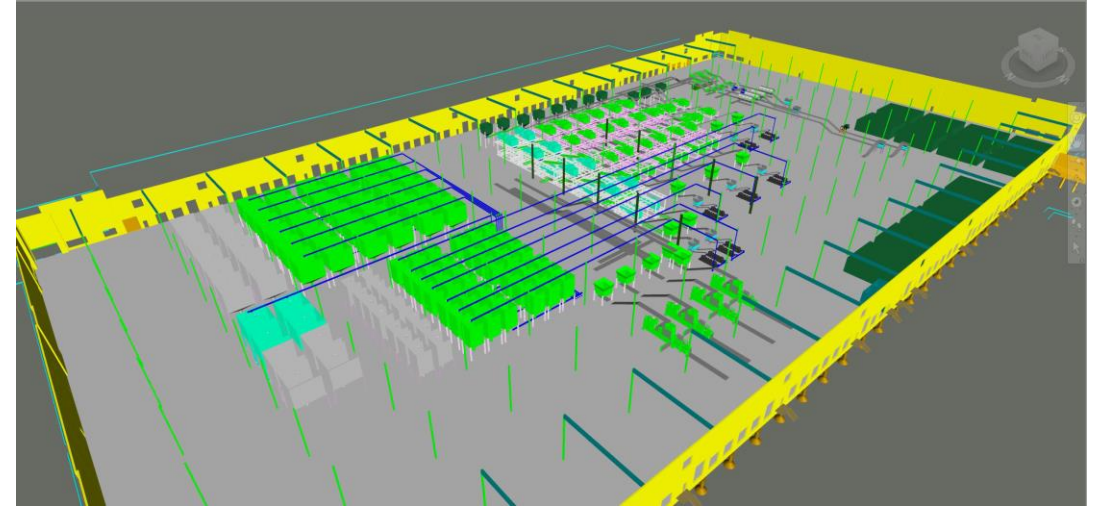
- \$135m investment into Cyclyx provides the working capital until CCC1 is operational
  - Fully funds CCC1 capex
  - Includes investment in sourcing capability and early-stage engineering for CCC2
- Funds raised by Agilyx enable investment into shared services such as IT infrastructure to support Cyclyx
- \$6.4m operating expenses in FY22 attributable to Cyclyx will no longer be fully consolidated
- Agilyx operating costs have reduced following cost reduction measures taken in September and are currently running at c.\$0.6m per month





# Cyclyx building out the organisation

- CCC1 FID before the end of the year
  - New JV partners focused on achieving FID and releasing final funding
  - Site in Houston has been secured
  - Construction expected to commence on FID
- New Hampshire lab now fully operational
  - Conducts chemical characterization tests, including from collected plastic waste samples
- Expanded the engineering and sourcing teams and now focused on increasing operations capability



# We have made significant changes to the business this year

- Refocused the conversion business on waste-to-product applications where we are unique
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**As a result, we enter 2024 with a sound balance sheet and ambitions for growth**



Plastic recycling technology for a sustainable future

Q&A



# agilyx<sup>®</sup>

The Integrated Solution for Plastic Waste

