## agilyx

Turning plastic waste into value

### **Company Presentation**

*31 December, 2024* 



### Disclaimer

This presentation (the "Presentation") has been prepared by Agilyx ASA ("Agilyx" or the "Company", and together with its subsidiaries, the "Group"), solely for information purposes. The contents of this Presentation have not been reviewed by or registered with any regulatory authority or stock exchange and does not constitute a prospectus. The Presentation is for information purposes only and does not in itself constitute an offer to sell or issue or a solicitation of an offer to buy or acquire any securities in the Company in any jurisdiction or any inducement to enter into investment activity.

This Presentation should not be deemed to constitute investment advice by the Company or any of its directors, officers, agents, employees or advisers. By reading this Presentation you acknowledge that you will be solely responsible for your own assessment of the market and the market position of the Company, and that you must make your own independent assessment of the information contained in the Presentation after making such investigations and taking such advice a you deem necessary. In particular, any estimates, projections, opinions or other forward-looking statements contained herein necessarily involve significant elements of subjective judgment, analysis and assumptions and each recipient should make its own verifications in relation to such matters. Each recipient should consult its own legal, business, investment and tax advisers to legal, business, investment, accounting, regulatory and tax advice.

This Presentation contains forward-looking statements. These statements involve known and unknown risks, uncertainties and other factors which may cause the involved Group's actual results, performance or achievements to be materially different from any future results, performances or achievements expressed or implied by the forward-looking statements. These statements are only predictions. Actual events or results may differ materially. In evaluating these statements, prospective investors should specifically consider various factors. These factors may cause the actual results to differ materially from any forward-looking statements are reasonable, it cannot guarantee future results, levels of activity, performance or achievement.

No representation or warranty (expressed or implied) is made as to, and no reliance should be placed on, the fairness, accuracy or completeness of the information contained in this Presentation. Accordingly, the Company does not accept any liability whatsoever arising directly or indirectly from the use of this Presentation, including any reproduction or redistribution. Each recipient of this Presentation should carefully read and consider the risk factors included in this Presentation. The information and opinions contained in this Presentation are provided as at the date of this Presentation and may be subject to change without notice. The Company does not intend to, and do not assume any obligation to update the Presentation, or to review or confirm, or to release publicly or otherwise to investors or any other person, any revisions to the information contained in this Presentation to reflect events that occur or circumstances that arise after the date hereof.

This Presentation is not for presentation or transmission into Australia, Canada, Hong Kong, Japan, Switzerland or United Kingdom. This also applies to the United States or to any U.S. person, as that term is defined under Regulation Spromulgated under the U.S. Securities Act of 1933, as amended (the "U.S. Securities Act").

The Company has not taken any actions to allow the distribution of this Presentation in any jurisdiction where action would be required for such purposes. The distribution of this Presentation may be restricted by law in certain jurisdictions, and persons into whose possession this Presentation comes should inform themselves about, and observe, any such restriction. Any failure to comply with such restrictions may constitute a violation of the applicable securities laws of any such jurisdiction. The Company shall not have any liability (in negligence or otherwise) for any loss howsoever arising from any use of this Presentation or its contents or otherwise arising in connection with the Presentation.

This Presentation is subject to Norwegian law, and any dispute arising in respect of this Presentation is subject to the exclusive jurisdiction of Norwegian courts, with Oslo District Court as exclusive venue.



### Agilyx at a glance

### cyclyx

## styrenyx™

### Own and operate Cyclyx Circularity Centers (CCCS) that produce waste plastic feedstock

Through Cyclyx, Agilyx's (50%) joint venture with ExxonMobil (25%) and LyondellBasell (25%), we source plastic waste and produce custom compounded feedstock for mechanical and advanced recyclers.

### License advanced recycling technology to 3<sup>rd</sup> party owners and operators of plastic waste recycling facilities

We license proprietary depolymerization technology and source equipment to break polystyrene waste back to its original building blocks for re-use in virgin-quality products.





### Agilyx is dedicated to capitalizing on the significant global challenge of waste plastic

Agilyx can solve one of the greatest environmental challenges

### **350+ million tonnes**

global annual waste plastic



Currently, plastic flow is linear CCCs enable circularity by targeting non-recycled segments

Agilyx is dedicated to solving the problem of plastic waste by supplying feedstock derived from post-use plastic to the recycling industry, and by developing and marketing innovative, advanced technology



More than 320 million tonnes of plastic waste have no value in the current recycling value chain. By capturing and processing it, Cyclyx can create valuable feedstock for recyclers.



### Different plastics make recycling challenging

|         | Туре  | Other Common Names         | Demand | Uses  |
|---------|-------|----------------------------|--------|---|
|         | PET   | Polyethylene-Terephthalate | 24%    | <ul><li>Clear beverage bottles</li><li>Seatbelts</li><li>Apparel</li></ul>  |
|         | HDPE  | High density polyethylene  | 14%    | <ul> <li>Milk/shampoo bottles</li> <li>Water</li> <li>pipe (opaque)</li> <li>Dust bins</li> </ul>   |
| 222     | PVC   | Poly(vinylchloride)        | 14%    | <ul> <li>Cosmetic containers</li> <li>Oil/cleansing products</li> <li>Cling wrap</li> <li>Window sheet</li> <li>Water pipe</li> <li>Electrical insultation</li> </ul> |
|         | LDPE  | Low density polyethylene   | 17%    | <ul> <li>Plastic bags</li> <li>Bin bags</li> <li>Films inside packages</li> <li>Toys</li> <li>Buckets</li> <li>Electrical insulation</li> </ul>                       |
|         | РР    | Polypropylene              | 23%    | <ul> <li>Straws</li> <li>Ice cream tubs</li> <li>Lock &amp; lock</li> <li>Consumer electronics</li> <li>Textiles</li> <li>Auto parts</li> </ul>                       |
| 1/ 1003 | PS    | Polystyrene                | 6%     | <ul> <li>Disposable cups</li> <li>Protective packaging</li> <li>Cutlery</li> </ul>  |
|         | Other | Other                      | N/A    | <ul> <li>Baby bottles</li> <li>Plastic CDs</li> <li>Car parts</li> <li>Exterior lighting</li> <li>fixtures</li> </ul>   |



### Cyclyx Circularity Centers are uniquely capable of redirecting all plastics into recycling



Powered by software encapsulating a 10+ year proprietary database and characterization methods providing unmatched comprehensive analysis

CCCs provide a source of feedstock for the plastic recycling process...

#### The CCC "Waste to feedstock" process

Characterize and qualify plastic waste to meet customer specifications

Plastic waste is collected at the CCC through direct partnerships and various recycling programs. CCCs are able to accept all plastics

### Novel sourcing, aggregation methods and custom feedstock processing

The plastic waste is sorted and characterized based on its chemical composition, utilizing AI to minimize transportation emissions

#### Custom feeds to meet customer specifications

- The chemical conversion database, developed over 10+ years, enables the creation of custom, waste plastic blends tailored to meet specific customer requirements and volume needs
- Physical compound as end-product, typically in the form of pellets

#### De

#### Delivery of feedstock to chosen recycling technology

Once the waste has been through the conversion process and plastic feedstock has been created according to the client's specifications, the feedstock is transported to the offtakers mechanical or chemical facilities

...generating feedstock from all types of plastic waste for all plastic recycling processes



### **Recent funding rounds support transition and development of Cyclyx**

ExxonMobil and LyondellBasell breakthrough investment October 2023

- ExxonMobil and LyondellBasell invest 135m into Cyclyx
- Agilyx sale of 33% of its stake in Cyclyx equated to a post money valuation of c. USD 400m; Agilyx ownership valued at USD 200m

Post-money Cyclyx valuation by ExxonMobil and LyondellBasell

USD ~400m

- Funding and Final Investment Decision for 2<sup>nd</sup> facility in November 2024
- Agliyx raises USD 40m in equity in August 2024 and USD 50m bond in November 2024 to fund its pro-rata share of capital expenditure for CCC2 and funds for general use





### Cyclyx benefits from strong ownership, supported by the extensive expertise of EM and LYB

Launch of Cyclyx in 2021, a joint venture with ExxonMobil

### **E**∕∕onMobil

- EM, one of the largest, publicly traded international energy and petrochemical companies, creates solutions that improve quality of life and meet society's evolving needs
- The corporation's primary businesses–Upstream, Product Solutions, and Low Carbon Solutions– provide products that enable modern life, including energy, chemicals, lubricants, and lower- emissions technologies

| USD ~470bn <sup>1</sup> | New York Stock Exchange | (Aa2/AA/-)             |
|-------------------------|-------------------------|------------------------|
| Market Cap              | Listing venue           | Credit ratings (M/S/F) |
| <b>61,500</b>           | <b>25%</b>              | <b>60+</b>             |
| Employees (YE 2023)     | Cyclyx Ownership        | Countries of operation |

"We see Cyclyx as helping to fill an important missing link in the plastics recycling value chain that is needed for advanced recycling solutions to scale. We share society's concern about plastic waste, and our new joint venture is an important step in our efforts to develop advanced recycling technologies and approaches to help meet the demand for certified circular polymers."

- Karen McKee, President of ExxonMobil Chemical Company





- LYB, a global leader in the chemical industry, drives sustainable living through advanced technology and strategic investments
- As a top polymer producer and polyolefin technology leader, they create innovative products for sustainable transportation, food safety, clean water, and healthcare, delivering value to customers, investors, and society

| <b>USD ~24bn¹</b>   | New York Stock Exchange | (-/BBB/BBB)            |
|---------------------|-------------------------|------------------------|
| Market Cap          | Listing venue           | Credit ratings (M/S/F) |
| <b>20,000</b>       | <b>25%</b>              | <b>30+</b>             |
| Employees (YE 2023) | Cyclyx Ownership        | Countries of operation |

"Investing in plastic waste value chain experts such as Cyclyx, together with Agilyx and ExxonMobil, helps create the robust supply chains we all need to increase access to circular and renewable feedstocks. This collaboration unlocks the necessary scale of recycled material and infrastructure for our planned integrated Circular and Low Carbon Solutions Hub in the Houston area, and aligns with our purpose of creating solutions for everyday sustainable living." –Yvonne van der Laan, LyondellBasell Executive VP and Low Carbon Solutions

The post-money valuation of Cyclyx at USD ~400m<sup>2</sup> by ExxonMobil and LyondellBasell reinforces the owners' confidence in the business model

### Feedstock availability is the cornerstone of the recycling industry



80+ global consumer-packaged-goods and retail companies have committed to achieve

between 15 and 50% recycled content in their packaging by 2025



### Strong demand growth for advanced feedstock supported by robust underlying case for offtakers

#### **Companies taking action to recycle**



More than 80 global CPG, packaging, and retail companies have made public commitments to reach recycled content in their packaging between 15 to 50 percent by 2025



**Tightening regulations** put pressure on brand owners and plastic manufacturers to increase production of recycled plastics



Access to suitable, sorted plastic waste, at an affordable price, is a prerequisite for the business case of advanced recycling



Feedstock is the limiting factor – availability, classification and management of feedstock is key for industrial scaling of advanced recycling

Advanced recycling offers companies significant environmental impact reduction AND compelling economic benefits

#### **Underlying economics for offtakers**

Advanced recycling margin 2017-2023 USD per metric ton<sup>1</sup>,<sup>2</sup>



- Over the past 3 years, the premium paid for recycled plastic compared to virgin material has been in excess of <u>USD 1,500 per MT<sup>1</sup></u>
- Margins for advanced recycling around <u>USD 2,000</u> per metric ton give offtakers compelling economics



### Agilyx is well positioned to meet increase in expected demand from existing new customers

**Extensive development needed to meet CCC demands towards 2040** 

**Total CCC demand scenarios (number of CCCs)** 





Advanced recycling demand estimate of **33mtpa** by 2030 is equivalent to **314 CCCs in mid scenario**<sup>3</sup>

High demand for feedstock from Cyclyx network

### **Forecasted demand from existing network – c. 60 CCCs**



Strong and growing opportunity to deliver CCCs to both existing and new customers

### First CCC is in construction phase and second CCC has recently achieved final investment decision (FID)



and supports Cyclyx's plans to develop an extensive network of CCCs across the US and globally



### Economics of CCC1 and CCC2 supported by long-term offtake agreements from EM and LYB





### AGLX cash flows with multiple CCCs in operation at CCC2 economics

| USD in millions   | 1 CCC | 2 CCC | 3 CCC | 4 CCC | 5 CCC |
|---|-------|-------|-------|-------|-------|
| Income from CCCs direct to Agilyx                       |       |       |       |       |       |
| CCC2  |       | 10.5  | 10.5  | 10.5  | 10.5  |
| CCC3  |       |       | 10.5  | 10.5  | 10.5  |
| CCC4  |       |       |       | 10.5  | 10.5  |
| CCC5  |       |       |       |       | 10.5  |
| CCCs income to Agilyx                                   |       | 10.5  | 21.0  | 31.5  | 42.0  |
| Royalties   | 2.5   | 5     | 7.5   | 10    | 12.5  |
| Total income direct to Agilyx (1)                       | 2.5   | 15.5  | 28.5  | 41.5  | 54.5  |
|   |       |       |       |       |       |
| Income from CCCs direct to Cyclyx                       |       |       |       |       |       |
| CCC1  | 7     | 7     | 7     | 7     | 7     |
| CCC2  |       | 7     | 7     | 7     | 7     |
| CCC3  |       |       | 7     | 7     | 7     |
| CCC4  |       |       |       | 7     | 7     |
| CCC5  |       |       |       |       | 7     |
| Total income to Cyclyx                                  | 7     | 14    | 21    | 28    | 35    |
| Cyclyx Net Corporate Costs                              | -10.1 | -8.2  | -6.3  | -4.4  | -2.5  |
| Cyclyx PF EBITDA  | -3.1  | 5.8   | 14.7  | 23.6  | 32.5  |
|   |       |       |       |       |       |
| Agilyx 50% share of Cyclyx EBITDA (2)                   | -1.5  | 2.9   | 7.4   | 11.8  | 16.3  |
|   |       |       |       |       |       |
| Agilyx direct and indirect profit from CCCs $(1) + (2)$ | 1     | 18.4  | 35.9  | 53.3  | 70.8  |
|   |       | 10.4  |       |       | ,0.0  |



### Summary of the investment case



facilities

advanced custom plastic feedstock

2027

the business

### Highly experienced management team with chemicals and waste expertise

| -  | Relevant experience      |
|--|--------------------------|
| <ul> <li>Ranjeet Bhatia   CEO</li> <li>Over 20 years of financial investment activity in technology and growth companies as MD of Saffron Hill Ventures.</li> <li>Chairman of Cyclyx International, Board member of Coyuchi Inc., and former Agilyx Board member.</li> </ul>   | SAFFRON HILL<br>VENTURES |
| <ul> <li>Bertrand Laroche   CFO</li> <li>19 years as a finance leader with a proven track record in investment management, strategic planning, capital raising, mergers and acquisitions.</li> <li>Deployed over \$250 million in direct private equity and venture capital transactions across energy, infrastructure and climate technology</li> </ul>   | <b>BNP PARIBAS</b>       |
| <ul> <li>Chris Faulkner Ph.D   CTO</li> <li>20 years of technical and organizational expertise on engineering, process, analytics and administrative fronts.</li> <li>Throughout his 10-year tenure at Agilyx, has successfully permitted 8 facilities of prior generation conversion technology and has led the TruStyrenyx<sup>™</sup> partnership and commercialization</li> </ul>                                    | ClearEdge POWER*         |
| <ul> <li>Jessica Fletcher   VP of Engineering &amp; Project Management</li> <li>23+ years of project management experience and has successfully defined project development deliverables for several Agilyx projects in the past 5 years.</li> <li>Oversaw the FEL3 work with Worley, T.EN, Weston, and Cyclyx.</li> <li>Spent 8 years at Jacobs, a leading EPC firm, managing large-scale chemical projects.</li> </ul> | J                        |



### Agilyx – Highly experienced board members



**Peter Norris** Chair of the Board



Carolyn Clarke Chair, Audit Committee



Steen Jakobsen Chair, Compensation Committee



Catherine C. Keenan Chair, ESG Committee







SAXO BANK TRINSEO



• Science History Institute Museum & Library



### **Top 20 Shareholders<sup>1</sup>**

| Rank                          | Shareholder                       | % of shares |
|-------------------------------|-----------------------------------|-------------|
| 1                             | SAFFRON HILL VENTURES 2 LP        | 38.80       |
| 2                             | MORGAN STANLEY & CO. INT. PLC.    | 14.00       |
| 3                             | UBS AG                            | 7.60        |
| 4                             | SKANDINAVISKA ENKILDA BANKEN AB   | 7.46        |
| 5                             | MORGAN STANLEY & CO. LLC          | 5.61        |
| 6                             | SIX SIS AG                        | 5.58        |
| 7                             | MERRIL LYNCH                      | 4.21        |
| 8                             | CLEARSTREAM BANKING S.A.          | 2.24        |
| 9                             | MP PENSJON PK                     | 1.64        |
| 10                            | GOLDMAN SACHS INTERNATIONAL       | 1.51        |
| 11                            | J.P. MORGAN SECURITIES LLC        | 1.45        |
| 12                            | CITIBANK                          | 0.91        |
| 13                            | CITIBANK                          | 0.89        |
| 14                            | J.P. MORGAN SE                    | 0.72        |
| 15                            | J.P. MORGAN SE                    | 0.68        |
| 16                            | UFI CAPITAL AS                    | 0.59        |
| 17                            | UFI AS                            | 0.55        |
| 18                            | CITIBANK                          | 0.47        |
| 19                            | THE BANK OF NEW YORK MELLON SA/NV | 0.43        |
| 20                            | L-VAVABI HOLDINGS APS             | 0.38        |
| 20 largest shareholders total |                                   | 95.7%       |



# agily

### **Investor Relations**

agilyx.com/investors

investors@agilyx.com