



Investor presentation

ACCELERATING THE CIRCULAR PLASTICS ECONOMY

July 2022

 Nasdaq: LOOP



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INVESTMENT HIGHLIGHTS



Patented low-energy PET plastic and polyester fiber recycling technology **addressing a global 85m tonne /year market¹**



First mover to supply global CPG brand companies with virgin quality PET resin and polyester fiber made from 100% recycled content



Building brand value through co-branding and co-marketing with global CPG brands



Attractive plant-level economics combined with royalty streams from technology licensing



Global manufacturing rollout with strategic partners SK geo centric, Suez and Indorama



Design one, build many engineering and construction philosophy



Goal of 10 Infinite Loop™ and 2 retrofit facilities producing 1M tonnes by 2030

¹ IHS Markit, PET Polymer, January 31, 2018



THE GLOBAL PLASTIC WASTE PROBLEM

Humankind has produced **8.3 billion tonnes** of plastics since the 1950s from harmful fossil fuels

4.9 billion tonnes of plastic (60%) have been disposed of in landfills or the environment¹

~585 billion plastic drinking bottles sold in 2021²

~25 million tonnes of plastic textiles are landfilled or incinerated annually³

Every second, the equivalent of a garbage truck load of clothes is burnt or buried in landfill⁴

¹ Zero Waste Europe: The El Dorado of Chemical Recycling, 2019

² Euromonitor International's global packaging trends report.

³ Ellen MacArthur Foundation; A New Textile Economy – Summary of Findings, p. 20

⁴ Ellen MacArthur Foundation: Redesigning the Future of Fashion: <https://ellenmacarthurfoundation.org/topics/fashion/overview>

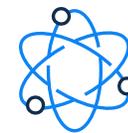




WHAT DOES LOOP DO?

At Loop, we've developed a patented technology to supply consumer packaged goods (CPG) and apparel companies around the world with virgin-quality PET plastic and polyester fiber made from 100% recycled content.

We are commercializing globally by building multiple Infinite Loop™ manufacturing facilities.



Our technology breaks down waste PET into its base chemical building blocks, or monomers: dimethyl terephthalate (DMT) and monoethylene glycol (MEG).

The monomers are purified and then recombined into virgin-quality PET plastic and polyester fiber.

TECHNOLOGY HIGHLIGHTS



Virgin-quality PET resin and polyester fiber from **100% recycled content**



Infinitely recyclable packaging with no degradation in quality



Low heat, no added pressure depolymerization for lower GHG emissions, lower costs and higher yields



Upcycles low-value feedstocks currently destined to landfills



Food-Safe: No objection letters from **FDA** and **Health Canada**. **REACH** certified for Europe.



Globally patented technology



HOW IT WORKS



Loop's process begins with waste PET plastic and polyester fiber of low or no value which today end up in landfill, incineration or natural areas..



Our low heat, no added pressure depolymerization technology breaks down the waste PET into its base chemical building blocks, or monomers: DMT and MEG¹.

1.

2.

CIRCULAR SOLUTION

4.

3.



The resin is converted into PET plastic and polyester fiber products to be sold, consumed and recycled.

The monomers are purified and polymerized to create virgin-quality Loop™ PET resin.



¹ Dimethyl terephthalate and monoethylene glycol

WORLDWIDE CONSUMPTION OF PET – 2022



Total market \$

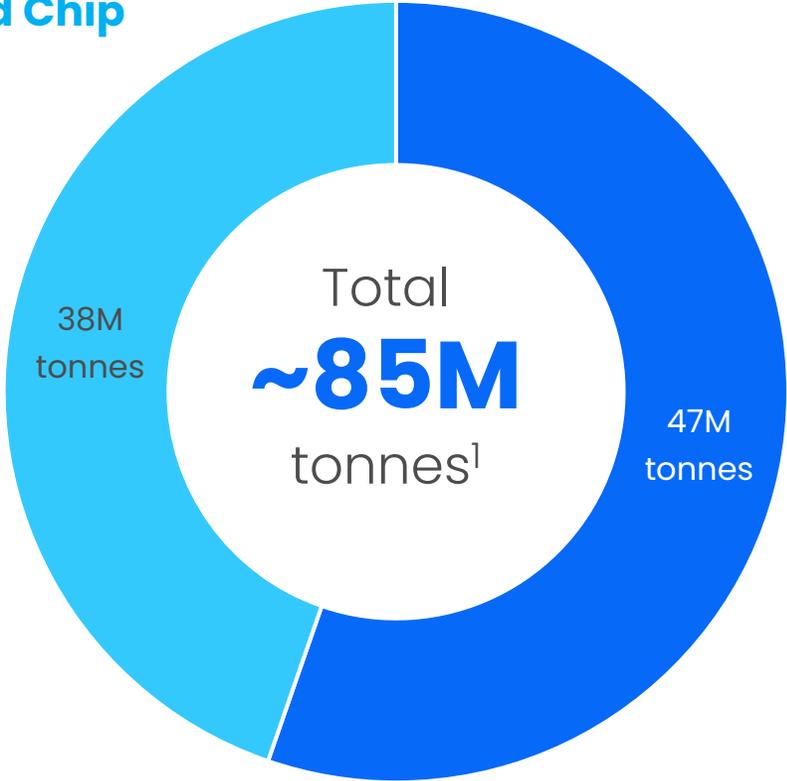
~\$180B²

Growing at a

4% CAGR¹

45% PET Resin, Film and Chip

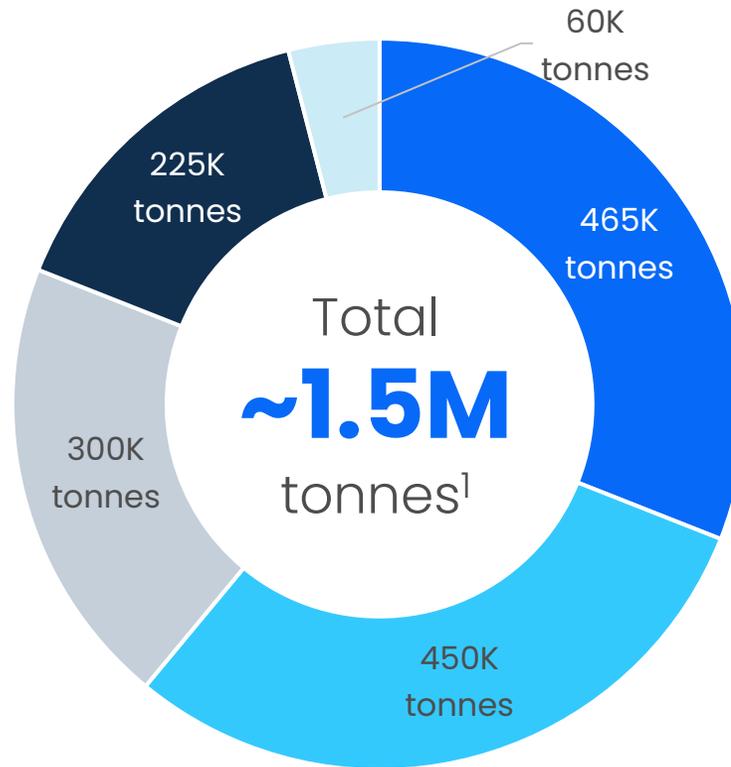
55% Polyester Fiber and Chip



¹ IHS Markit PET Polymer, 2018

² Assumes cost of \$2,000/tonne for PET resin and \$2,200/tonne for polyester fiber

WORLDWIDE DEMAND FOR POLYBUTYLENE TEREPHTHALATE (PBT)



- Automotive
- Electrical/ Electronics
- Consumer & Industrial
- Extrusion
- Other

Total market \$²
~\$6.3B
Growing at a
4.2% CAGR³

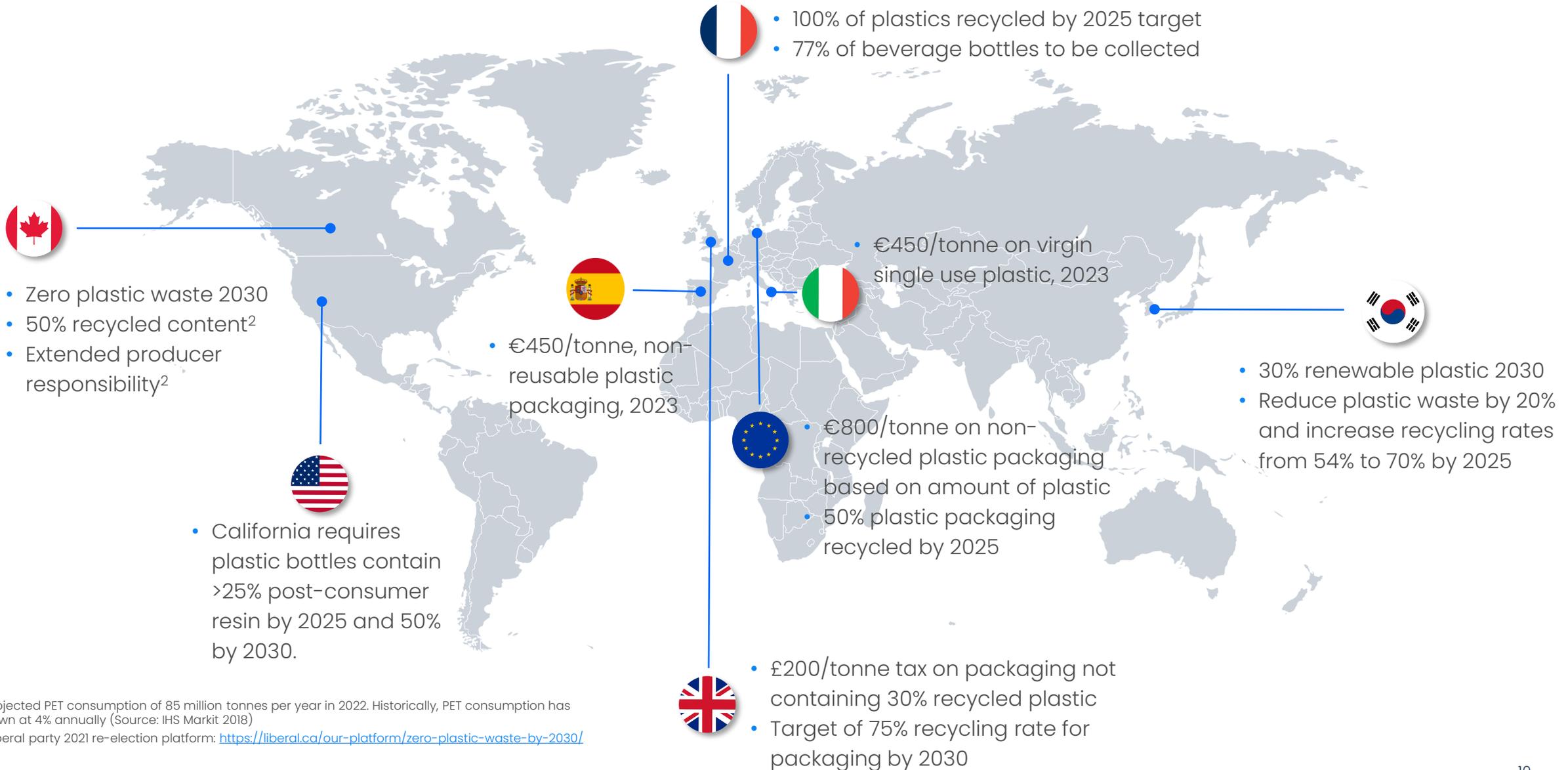
Global PBT demand is around 1.5 million MT and is mainly driven by the Automotive and Electrical/Electronics segments which together make up 61% of demand.¹

¹ IHS Markit Global Engineering Resins, 2021

² Assumes cost of \$4,200/tonne

³ Fact.MR

GOVERNMENT MANDATES DRIVING RECYCLED DEMAND



¹ Projected PET consumption of 85 million tonnes per year in 2022. Historically, PET consumption has grown at 4% annually (Source: IHS Markit 2018)

² Liberal party 2021 re-election platform: <https://liberal.ca/our-platform/zero-plastic-waste-by-2030/>

BRAND COMMITMENTS – RECYCLED PACKAGING

2025



Danone: Evian brand to have **100%** recycled PET bottles by 2025.



L'OCCITANE aims for **100%** of its bottles to be made of 100% recycled plastic by 2025



L'Oréal targets **50%** of recycled content in plastic packaging by 2025.



Nestlé aims to increase the amount of recycled PET used across their brands globally to **50%**



Estee Lauder – **50%** of all packaging will be composed of recycled materials.



Unilever – will use at least **25%** of recycled plastic in its packaging.



Colgate to add at least **25%** post-consumer resin in its packaging.



Keurig Dr Pepper plastic packaging to include **25%** of PCR material

2030



Pepsi In the US, PepsiCo plans to convert all Pepsi-branded products to **100%** rPET by 2030.



L'Oréal aims for **100%** of its plastic packaging to be of recycled or bio-based origin by 2030.



Coca-Cola Co. Targets at least **50%** recycled material in their packaging by 2030.



Procter & Gamble Co. Reduce use of virgin petroleum plastic in packaging by **50%** by 2030



Clorox targets **50%** increase in PCR packaging by 2030

BRAND COMMITMENTS – RECYCLED POLYESTER

According to Textile Exchange, 85 brands and suppliers committed to increase recycled polyester content from an average of 14% to 45% by 2025.



Many fashion, apparel and lifestyle brands are conscious of recycled polyester in their products:



LOOP IS DECARBONIZING PLASTICS

LOWER GHG EMISSIONS

A 70,000 tonne

Loop facility could save

143,500 – 255,500 tonnes / year

of CO₂ compared to virgin PET¹

¹Source: Life Cycle Assessment of Loop GEN II PET, Franklin Associates 2022, compares kg for kg Loop PET vs. Virgin PET. CO₂ savings are site-specific to Canadian Infinite Loop™ facility. European equivalent CO₂ savings of 255,500 tonnes annually.

ENVIRONMENTAL DATA



60% Less

Global Warming
Potential (GHG)



60% Less

Primary
Energy Demand
(Non-Renewable)

Evaluating accrediting and eventual
monetization of carbon and plastic credits



LOOP X EVIAN

September 2021: evian unveiled a new bottle made entirely from Loop™ 100% recycled PET resin



Produced from monomers made at Loop's Terrebonne production facility



Evian bottles made from Loop PET will be sold in South Korea in 2022 and subsequently in other geographical markets.



Reflects evian's commitment to circularity and its 2025 objective for 100% recycled content.

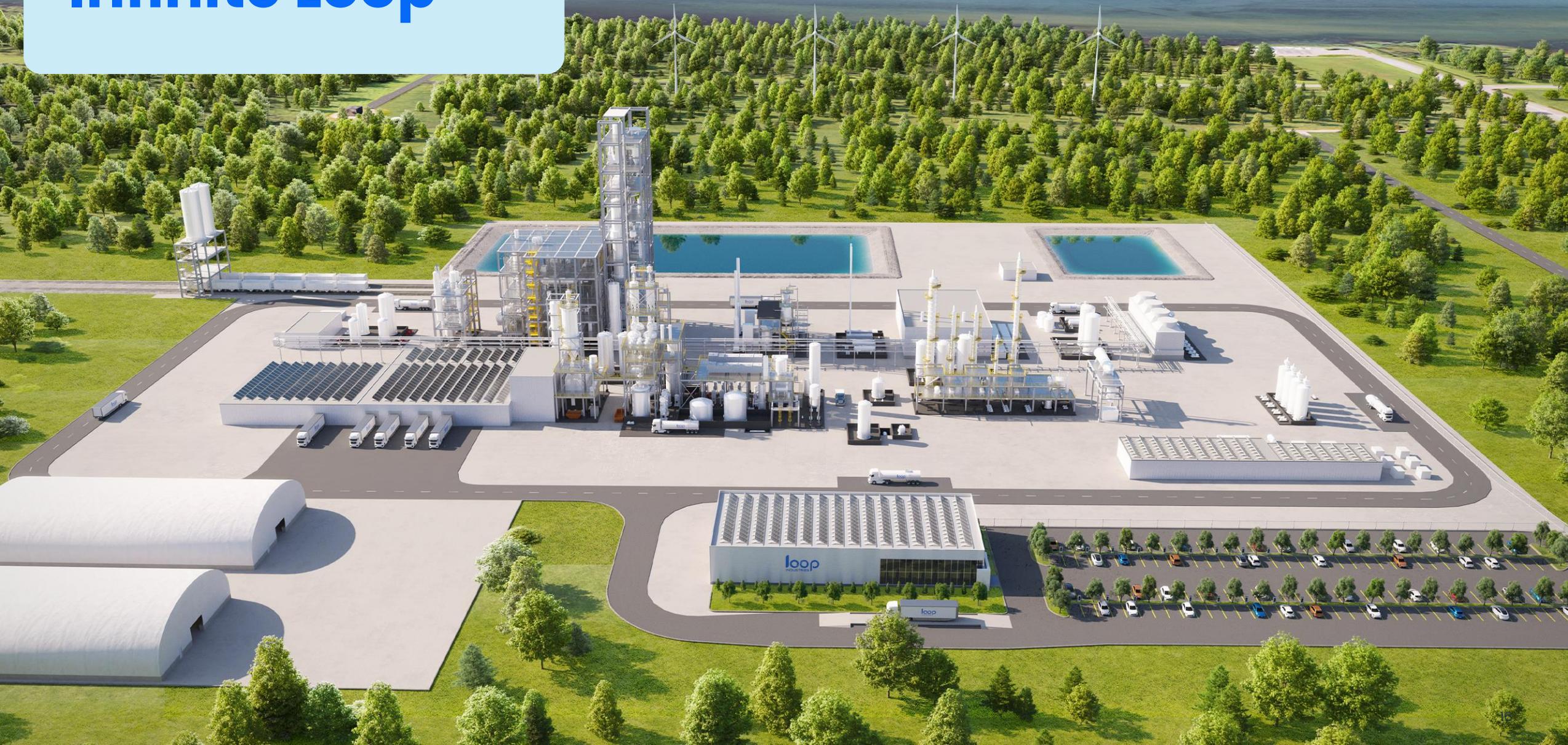
FEEDSTOCK SOURCING

- Loop's technology allows for new PET waste streams to be recycled
- Feedstock readily available in large quantities
 - >75 qualified potential suppliers for our planned Quebec facility
 - 1,700+ feedstock samples tested to date

Loop's technology can recycle mixed colored flakes, fines, opaque PET, densified fiber



Infinite Loop™



“DESIGN ONE, BUILD MANY”

Infinite Loop™ manufacturing facilities are designed to supply the global demand for virgin-quality, **Loop™ PET** resin made from 100% recycled content.



Local infrastructure, near large population centers where plastic is consumed and recycled



Modular design combines Loop’s depolymerization technology with Koch Technology Solutions/Chemtex’s PET polymerization know-how



Targeting capacity of up to 70,000 tonnes/year



Future additional scale and economics



Global Engineering firm Worley providing the process engineering for Loop’s technology





Polymerization

Depolymerization

PROVEN POLYMERIZATION TECHNOLOGY



50% of the Infinite Loop™ facility uses technology licensed from INVISTA

- 175 INVISTA plants in operation, equivalent to 25% of global annual PET polymer consumption¹
- Facility life of 45 years (oldest operational facility)



Modular design and construction



Scalable for future Infinite Loop™ facilities to enhance financial returns

45-year collaboration building successful projects



by



¹INVISTA / Chemtex technology produces 22 million tonnes of PET polymers annually. Projected PET consumption of 85 million tonnes per year in 2022. Historically, PET consumption has grown at 4% annually (Source: IHS Markit 2018)

INFINITE LOOP™ QUÉBEC

Highlights

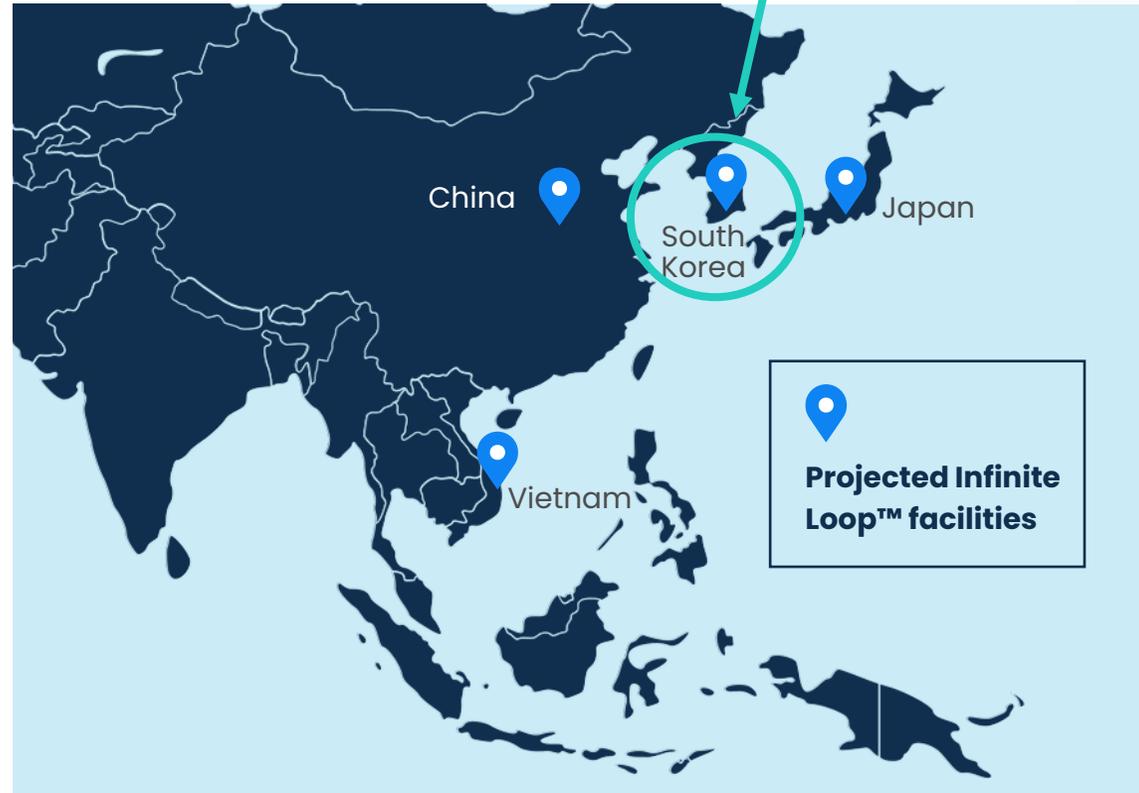
- Site preparation work complete
- Ordered long-lead equipment
- Production capacity up to 70,000 MT of 100% recycled, virgin-quality Loop™ PET per annum
- Targeting multi year supply agreements with CPG and apparel brand companies
- Anchor, multi-year, commercial offtake contract in place
- Critical infrastructure to Canada's 2030 Zero Plastic Waste Action Plan
- All packaging sold in Canada to have a minimum of 50% recycled content by 2030¹



1. <https://pm.gc.ca/en/mandate-letters/2021/12/16/minister-environment-and-climate-change-mandate-letter>

INFINITE LOOP™ ASIA

Strategic Partnership with



**First Infinite Loop™ facility
Ulsan, South Korea**

Projected Infinite Loop™ facilities

Highlights

- SK GC acquired a 10% equity stake in Loop Industries in June of 2021
- Loop and SK GC to form a JV to commercialize Loop's technology across Asia
- Loop to receive a recurring licensing fee as a percentage of top line revenue from each facility
- First facility expected to break ground in 2023 in Ulsan, South Korea
- Targeting minimum 4 facilities by 2030, target locations include China, Vietnam and Japan
- Asia is the largest global market for PET plastic and polyester fiber (60% of population and 70% of global PET demand)
- Asia is the center of global polyester fiber manufacturing
- SK GC operational expertise and financial strength

INFINITE LOOP™ FRANCE

In partnership with



Highlights

- Equal partners to form JV with Suez and SK geo centric
- Partnership combines Loop's technology with SUEZ's resource management expertise and SK geo centric's petrochemical manufacturing experience
- Optimizing the site location in France
- Production capacity of 70,000 MT of 100% recycled, virgin-quality Loop™ PET per annum
- JV to support EU customers' 2025 and 2030 recycled content commitments and provide a full circular solution
- Target breaking ground 2023, commissioning 18 months later
- Next steps: site permitting, offtake agreements and financing

RETROFIT PARTNERSHIP WITH



Highlights

- 50/50 Joint Venture Agreement with Indorama Ventures
- Retrofit - integrating Loop's depolymerization technology with Indorama's existing PET plant in Spartanburg, South Carolina
- Estimated capacity: 40,000 tonnes/ year
- JV focus on North America and Europe

TERREBONNE PRODUCTION FACILITY

Québec, Canada



Technology built from the ground up over the past 7 years



> \$100M invested to develop the technology



Optimized for efficiency and operability which de-risks scale up



Equipment used in planned commercial facilities is operating continuously 5 days a week



Producing virgin-quality, 100% recycled DMT and MEG monomers for customers



Full R&D capabilities for customers



TARGETED FACILITY ECONOMICS

- Targeting 5–10 year supply agreements with CPG brands
- Pricing linked to regional bale index^{1,5,6}
- Fixed selling price premium over bale index partially hedges target margins^{1,5}
- Low temperature process expected to reduce operating costs
- Assumes 2-year construction period and 1 year ramp period²
- *Design one, build many* approach allows replicable construction and learning curve advantages
- Economies of scale opportunities increase margins and shorten paybacks for future facilities

Illustrative Infinite Loop™ Economics¹

| | |
|---|--|
| Tonnage ² | 70,000 MT output target |
| Estimated Project Capital Expenditures ^{2,3} | \$375 million – \$425 million Capex varies depending on geographical location |
| Estimated Plant Revenue ^{1,5,6} | \$200 million – \$225 million |
| Plant Operating Cost Structure ¹ | 40% Feedstock^{1,5} 30% Fixed costs 30% Variable costs |
| Target EBITDA Margin ^{1,2,4} | >45% |
| Estimated Annual Maintenance Capex | 1.50% of Project Capex |

¹ Economics reflect current North American bale and PET indexes, are based on current Loop Industries' assumptions and projections, are all in USD. Excludes any facility level recurring revenue royalties.

² Subject to continuing engineering and cost estimate work, site-specific infrastructure, permitting, environmental approvals and foreign exchange. Quebec project, subject to environmental approvals above 50,000 tonnes. Capex is also subject to geographical location.

³ Capex estimates are subject to continuing engineering work and dependent on geographic region and site. Excludes working capital estimated at 10% of run-rate revenues (\$20M–\$22M).

⁴ Earnings before interest expense, income taxes, and depreciation and amortization ("EBITDA") is not a financial measure recognized under US GAAP. EBITDA is calculated as net income (loss) adjusted for interest expense, income taxes, and depreciation and amortization.

⁵ Wood Mackenzie US Baled Bottles East Coast index assumption (April 2022): \$0.50/lbs. or \$1,100/MT. Feedstock required assumes 90% PET content in feedstock sourced.

⁶ Sensitivity: Each +/- \$0.02 change in the bale index represents ~\$5.1M change in estimated plant revenue, assuming a plant is located in North America. Subject to any minimum price or other conditions in purchase agreements.

LONG-TERM GROWTH GOALS



Our goal is to construct 10 greenfield Infinite Loop™ facilities and 2 retrofits by 2030

- 7 JV facilities¹ and 5 wholly-owned facilities
- 3 facilities operational by the end of 2025



Goal is to complement attractive plant economics with growing royalty revenues

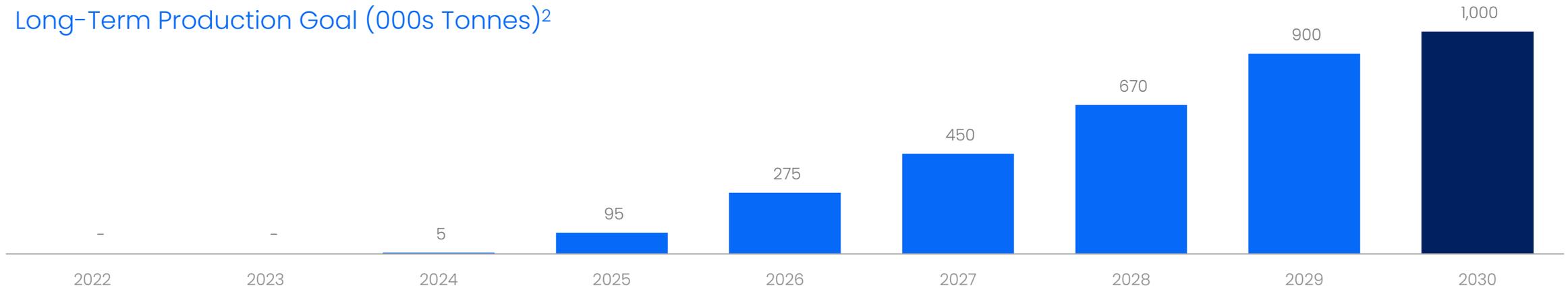
- Royalty growth linked to additional facilities, facility scale up, selling price, facility profitability and licensing



2030 production goal of 1M tonnes annually²

- **~1% of 2022E PET polymer and polyester fiber consumption³**

Long-Term Production Goal (000s Tonnes)²



1. Includes 2 retrofit facilities
 2. Annual run-rate feedstock diverted based on Loop Industries' assumptions and projections.
 3. Projected PET consumption of 85 million tonnes per year in 2022. Historically, PET consumption has grown at 4% annually (Source: IHS Markit 2018).

LIQUIDITY AND OWNERSHIP

All values in thousands unless otherwise stated

As at May 31, 2022

Cash & Cash Equivalents **\$32,401**

Debt

Investissement Québec financing facility \$3,431

Warrants

\$15.00 Exercise Price 4,715

\$20.00 Exercise Price 2,357

Common Stock (Basic Shares Outstanding) **47,400**

Total Equity Capital Raised (Since Inception) **\$152,000**

¹ Includes Daniel Solomita, SK geo centric, Northern Private Capital and other Directors and Officers

LOOP AT A GLANCE

Loop Industries, Inc.
NASDAQ: LOOP

47.4M

Shares
outstanding

19.3M

Float

59.3%¹

Insider holdings

95+

Employees

**Terrebonne,
Canada**

Headquarters

2014

Founded

APPENDIX



LEADERSHIP TEAM



Daniel Solomita

Founder, Chairman
& Chief Executive Officer

Founded Loop and is the chief architect behind Loop's growth strategy & mission to transform the global plastics industry.

President & Chief Executive Officer & Chairman of the Board of Directors.

Prior to founding Loop, Mr. Solomita focused on developing Polyamide landfill remediation projects across North America.



Drew Hickey

Chief Financial Officer

Has had a successful career in investment banking with large Canadian banks spanning more than 25 years in both North America and Europe.

Member of the Institute of Corporate Directors in Canada.

Honors Business Administration degree from the University of Western Ontario.



Stephen Champagne

Chief Technology Officer

Possesses a wealth of industrial experience, from laboratory development through engineering, procurement, and construction, to commercial plant commissioning

Strong record of driving teams to design optimized, high-performance processes

Holds a Bachelor of Engineering from Université Laval



Kevin C. O'Dowd

Vice President,
Communications and
Investor Relations

Joins Loop as Vice-President, Communications and Investor Relations

Brings experience of a 30-year career in capital markets, including tenure at Lehman Brothers, Legg Mason, Stifel and Alex. Brown

Mr. O'Dowd's extensive industry experience will help continue to position Loop within the financial and investor community

BOARD OF DIRECTORS



Laurence Sellyn

Lead Independent Director

Mr. Sellyn was appointed to the Board of Directors in April 2018 and serves as Lead Independent Director.

Mr. Sellyn has had a successful career in senior executive leadership positions with public companies spanning 35 years.

From 1999 to 2015, Mr. Sellyn was Executive Vice President, Chief Financial and Administrative Officer of Gildan Activewear Inc. where he played an important role in its growth and development.

Mr. Sellyn is a UK Chartered Accountant.



Andrew Lapham

Director

Mr. Lapham has served as a member of Loop's Board of Directors since June 2019.

He co-founded and continues to serve as the Global and Canadian Chair of Northern Private Capital Inc., a private investment firm.

Mr. Lapham also served as the Chairman of Blackstone Canada, an alternative asset manager, as well as the senior investment professional at Onex Corporation.



Jay Stubina

Director

Mr. Stubina was appointed to Loop's Board of Directors in 2016.

He cofounded Continent 8 Technologies, which operates data centers in Europe, North America and Asia. He led its operating and sales activities until April 2021, when he retired from the company and divested his equity ownership position.

Mr. Stubina's career spans over 30 years, during which time he has obtained knowledge of and experience in finance, technology implementation and data management.



Louise Sams

Director

Ms. Sams was appointed to the Board of Directors in April 2021.

She brings a broad range of business and legal experience, having served as Executive Vice President and General Counsel of Turner Broadcasting, Inc, from 2000 through 2019.

Ms. Sams has joined the boards of two US publicly listed companies and currently serves as the Chair of the Board of Trustees of Princeton University.



Jonghyuk Lee

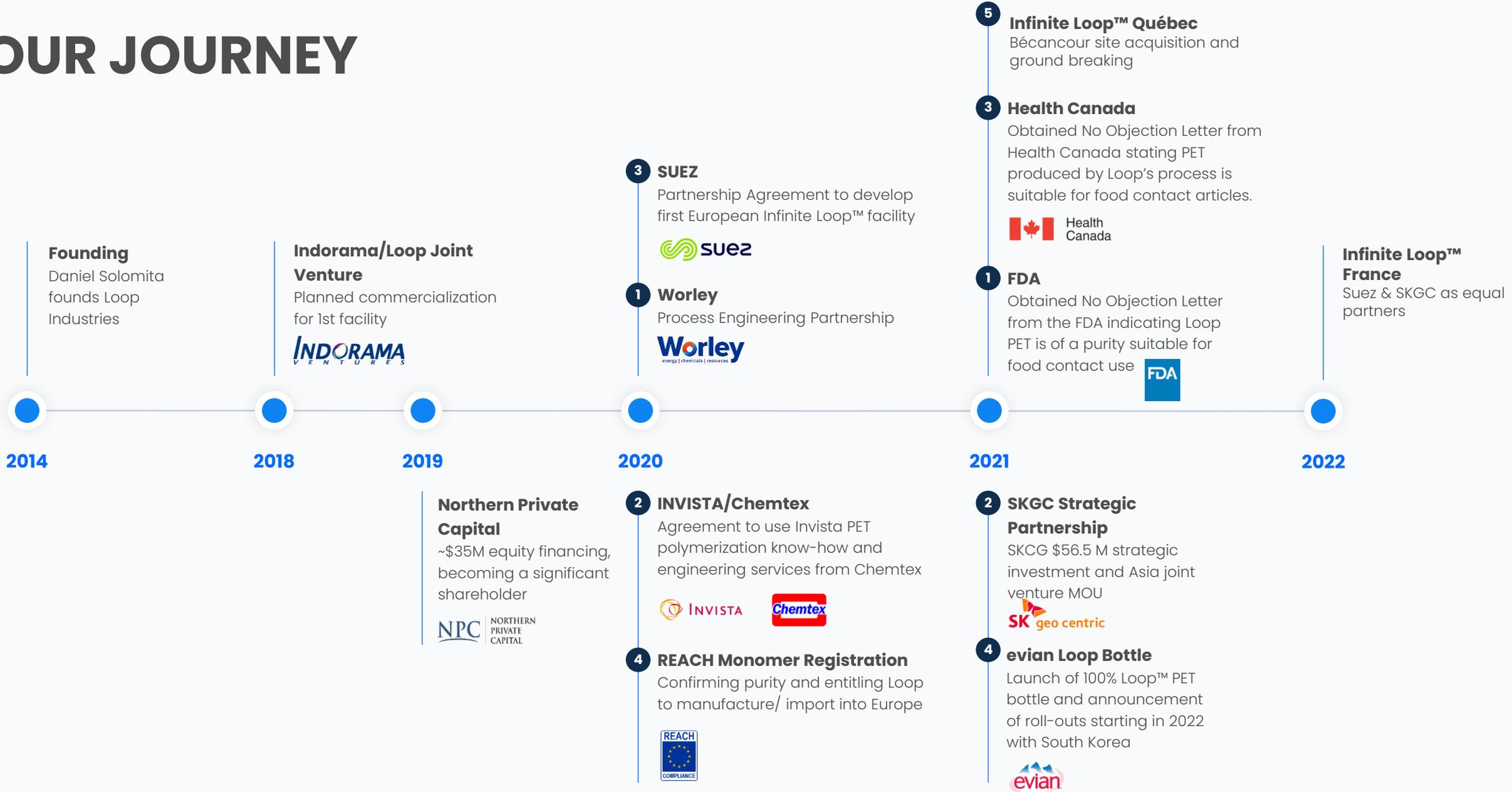
Director

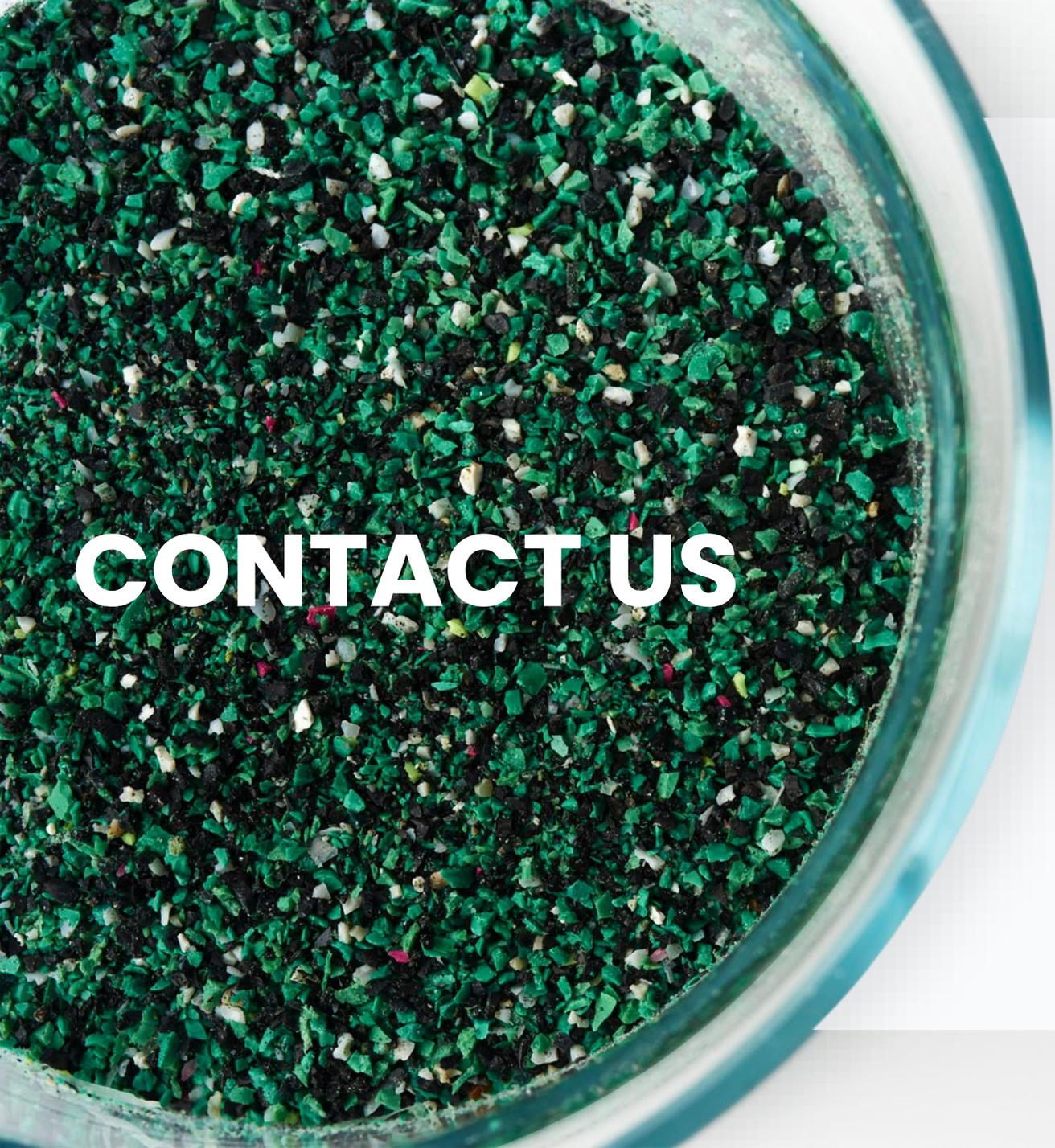
Mr. Lee was appointed to Loop's Board of Directors in July 2021.

Currently serving as Vice President of SKGC's Green Business Division, Mr. Lee possesses global work experience and has worked for SK Group for over 20 years in various roles.

Mr. Lee holds a Bachelor's Degree in Industrial Chemistry from Hanyang University.

OUR JOURNEY





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