



Investor presentation

ACCELERATING THE CIRCULAR PLASTICS ECONOMY

January 2025

 Nasdaq: LOOP



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THE GLOBAL PLASTIC WASTE PROBLEM

Humankind has produced **8.3 billion tonnes** of plastics since the 1950s from harmful fossil fuels¹

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?

The Infinite Loop™ technology supplies consumer packaged goods (CPG) companies around the world with virgin-quality PET plastic and polyester fiber **made from 100% recycled content.**

Loop supplies dimethyl terephthalate (**DMT**) and monoethylene glycol (**MEG**) and **specialty polymers** to an underserved market directly to chemical companies.



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: **DMT and MEG.**

The monomers are purified and sold individually or recombined into virgin-quality PET plastic and polyester fiber.

TECHNOLOGY HIGHLIGHTS



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



Enables polyester fiber circularity through **textile-to-textile recycling**



Infinitely recyclable 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.

Pharma: compliant for pharmaceutical packaging applications



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

GOVERNMENT MANDATES DRIVING RECYCLED DEMAND



- Zero plastic waste 2030
- 50% recycled content²
- Extended producer responsibility²



- California requires plastic bottles contain >25% post-consumer resin by 2025 and 50% by 2030.



- €450/tonne, non-reusable plastic packaging, 2023



- 100% of plastics recycled by 2025 target
- 77% of beverage bottles to be collected



- €450/tonne on virgin single use plastic, 2023



- Consumer brands to include at least 30% recycled plastic in packaging by 2025



- 30% renewable plastic 2030
- Reduce plastic waste by 20% and increase recycling rates from 54% to 70% by 2025



- €800/tonne on non-recycled plastic packaging based on amount of plastic
- 50% plastic packaging recycled by 2025



- £200/tonne tax on packaging not containing 30% recycled plastic
- Target of 75% recycling rate for packaging by 2030

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

DECARBONIZING PLASTICS

Lower GHG Emissions

A 70,000 tonne Loop facility could save up to **418,600 tonnes / year** of CO₂ compared to virgin PET¹



Environmental Data



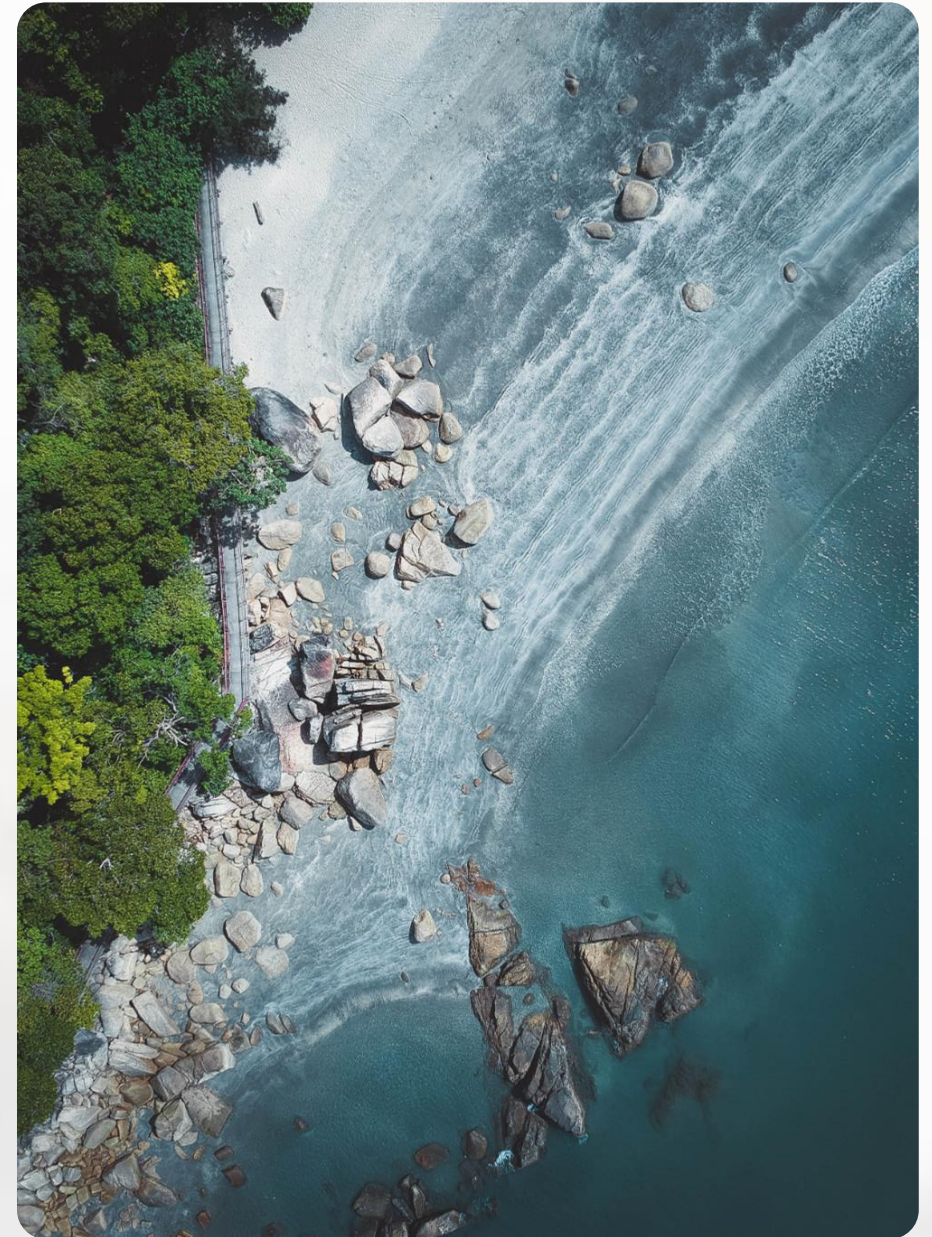
Up to 80% less²
Global Warming Potential
(GHG)



Up to 91% less²
Primary Energy Demand
(Non-Renewable)

¹ Source: Life Cycle Assessment of Loop GEN II Infinite Loop™ India done by Franklin Associates, a division of ERG, compares kg for kg Loop PET vs. Virgin PET. CO₂ savings are compared to the production of virgin PET made from fossil fuels and the avoided incineration of waste used as a feedstock

² Without accounting for the avoided waste disposal



FEEDSTOCK SOURCING

- Loop's technology allows for new PET waste streams to be recycled
- Feedstock readily available in large quantities
- 2,100+ feedstock samples tested to date

Loop's technology utilizes difficult to recycle PET waste including mixed colored flakes, fines, opaque PET, densified fiber, etc.



TERREBONNE PRODUCTION FACILITY

Québec, Canada



Technology built from the ground up over the past 8 years



> \$150M invested to develop the technology



Optimized for efficiency and operability which de-risks scale up



Equipment used in planned commercial facilities is operating continuously



Full R&D capabilities for customers



Subjected to extensive due diligence by multiple independent third parties



LOOP™ BRAND ACTIVATIONS



Evian Labeled Bottle



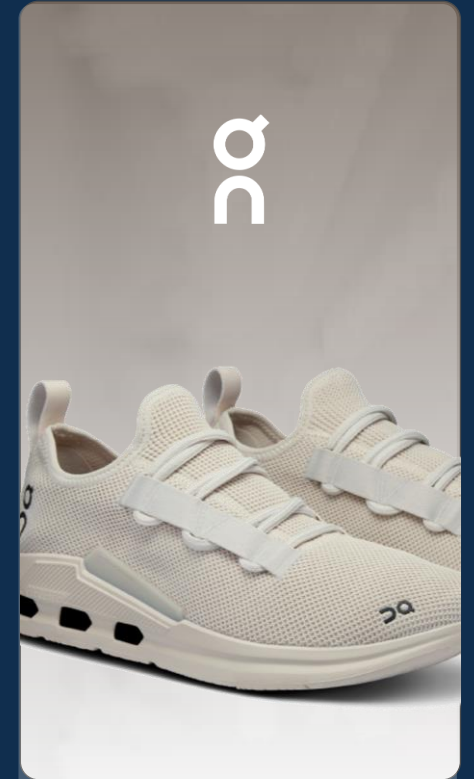
L'Occitane Shower Oil



Evian Label-less Bottle



Garnier Micellar Water



On Cloudeasy Cyclon Shoe

INFINITE LOOP™ FACILITIES



“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



Basic design package completed; provides engineering platform for all future geographical expansion and allows for quick execution and speed to market



Loop Specialty Chemicals & Polymers

Infinite Loop™ India

SUMMARY OF OPPORTUNITY

Economics

- **Attractive economic returns** without the need for sustainability linked premium pricing.
- **Approximately 40% reduction** of Capex as no polymerization equipment needed.
- Targeting **low-cost manufacturing** in India to maximize return on capital

Business

- Strategic expansion into Specialty Chemicals business to **drive growth** and is complimentary to Loop's PET plastic and Polyester fiber manufacturing business.
- Selling of DMT (dimethyl terephthalate) and MEG (mono-ethylene glycol) monomers manufactured with **the Infinite Loop™ technology** directly to chemical companies.
- **Up to 70% reduction** in carbon footprint for Loop's DMT & MEG when compared to fossil fuel based DMT & MEG.



Compelling opportunity to deploy Loop specialty offering and **deliver favorable economic returns to shareholders**

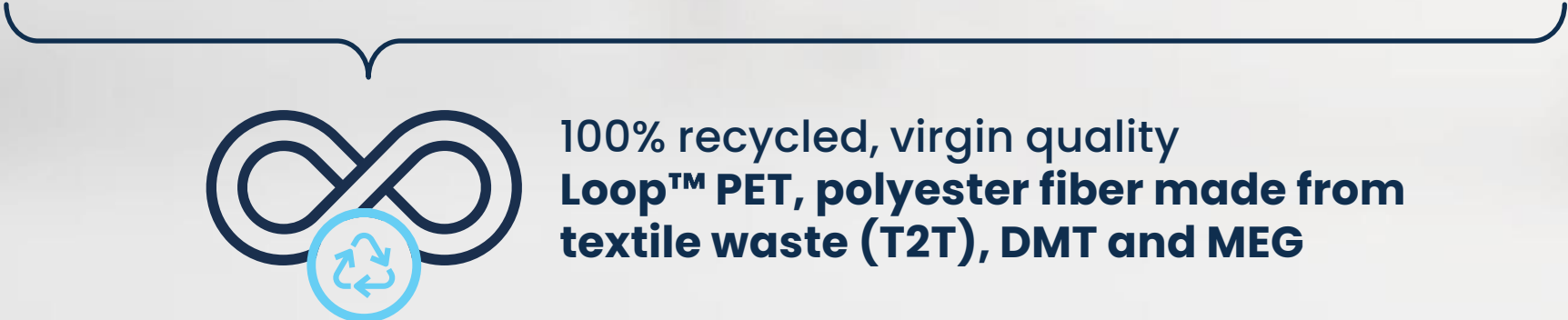
Markets

- Target end markets for Loop™ DMT and MEG are **electronics, automotive, textile, cosmetics and packaging**.
- Global **shortage in supply** of DMT.
- Low carbon MEG in **high demand**.

KEY BUSINESS PILLARS

STRATEGIC PORTFOLIO EXPANSION

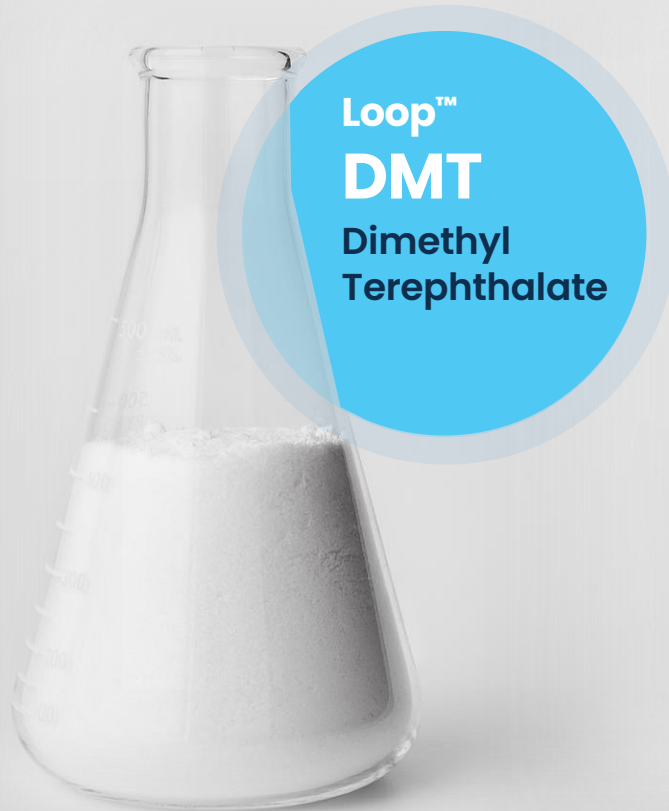
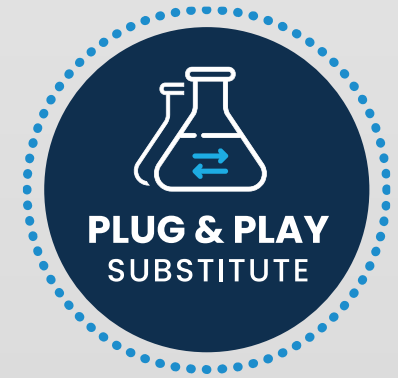
Unlock the versatility of the **Infinite Loop™ technology** to drive growth across divisions.



Loop Specialty Chemicals

Leverage Loop's key expertise and proprietary **Infinite Loop™ technology** to manufacture **100% recycled virgin-quality DMT** and **MEG** monomers.

Supply chemical companies with a drop in supplement and circular alternative that aligns their operations in reaching their sustainability goals and meeting market demands.



Lower Carbon Footprint

Up to **70% reduction** in carbon footprint compared to virgin DMT & MEG



Reduces dependence on fossil fuels

DMT and MEG Specialty Chemicals Market

Global market size

\$27.8B*

Expected to grow at a

3.67% CAGR*
(2023-2033)

2033 Projected market value

\$39.2B*

DMT Market & Customer Insight

- DMT market currently **controlled by two companies** – Eastman and SK Chemicals
 - Launch of Loop™ DMT to **shift the market dynamic** by offering a new sustainable alternative


 Increasing market revenue


 Decreasing supply due to plant closures

 Loop™ DMT to bridge the gap and fulfill demand

 Oxxynova in Germany (220-240 KTA)
Sasa Polyester in Turkey (270 KTA)

MEG Market Gap Opportunity

 Customers are looking for low carbon MEG

 Currently, bio-based MEG options are limited and very expensive



*Source: Persistence Market Research DMT report, January 2024
Research Nester MEG report, 2023

Key Customer Markets

Loop Specialty Chemicals (DMT and MEG) target markets



Loop™ DMT and MEG enable chemical companies to:



Increase their sustainability product portfolio



Launch new products



Contribute to supply chain decarbonization

India Specialty Chemicals Landscape

An attractive emerging market opportunity

Asia is the main driver of specialty chemicals demand for the next several decades

- Indian specialty chemicals sector expected to reach over US\$60 billion by 2026

~2x

India's specialty chemicals **growth rate** compared to the global market

Global and Indian specialty chemicals industry market size and growth comparison

Market Size	2021 (US\$ b)	2026F (US\$ b)	CAGR %
India	36	61	11.0%
Global	810	1068	5.7%

Source: Axis Capital, EY analysis

India Specialty Chemicals Landscape

An attractive emerging market opportunity

Significant cost advantage over other markets

- Labor and power costs at a fraction of the global average
- Emerging as a preferred manufacturing hub and one of the fastest-growing specialty chemicals markets worldwide

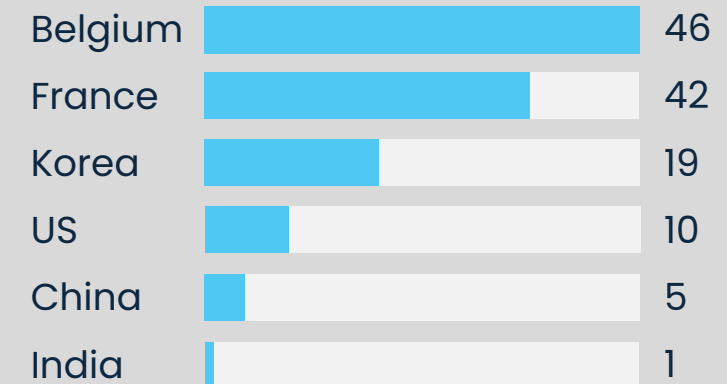
Demand increasing in India as customers shift manufacturing away from China or to a China + 1 sourcing strategy

Government has launched various policies to encourage investments (PCPIRs)

India EPR regulations for 2025 leads to more recycled material needed

India labor costs are **80% lower than China**

Manufacturing labor cost (US\$/hour)



Manufacturing in India

Maximize return on capital



Non-reliant on green premiums, carbon/plastic credits



High growth potential



Low-cost sourcing of raw materials and manufacturing costs leads to profitability



Massive source of waste in India facilitates feedstock sourcing



~40% reduction of Capex as no polymerization equipment needed




Still expecting to generate 170,000 credits from project



Closer to chemical companies and the supply chain

INFINITE LOOP™ INDIA

 India
Infinite Loop™ facility

Joint venture with Ester Industries

Strategic partnership and complementary skill set

- 50/50 Joint Venture with Ester Industries
- Combines Ester's 30 years of specialty polymer expertise with the innovative and proprietary Infinite Loop™ technology developed by Loop
- License Loop's technology to the JV

Global market distribution

Facilitates distribution of Loop™ DMT & MEG to Asian and European Markets

Loop responsible for

All Sales and Marketing responsibilities will be owned and managed by Loop.

Ester responsible for

All local manufacturing, feedstock procurement and specialty polymer production will be owned and managed by Ester.



Low level of CAPEX and favorable cost structure in India imply that even very conservative projections support **favourable base economics**



Long-lasting relationship with Ester Industries

- Full alignment between partners with complimentary skill set to drive synergies to JV



Loop Feedstock **assessment completed** for India



Products sold will be **Loop branded**

¹ Economics reflect current indexes, are based on current Loop Industries' assumptions and projections, are all in USD. Excludes any facility level recurring revenue royalties. Subject to any minimum price or other conditions in purchase agreements.

² Subject to continuing engineering and cost estimate work, site-specific infrastructure, permitting, environmental approvals and FX.

³ 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.

🌀 Ester Industries At A Glance

Ester Industries is one of India's leading manufacturers of Polyester Films and Specialty Polymers.



1985

Year of Incorporation

GURGAON, INDIA

Corporate Headquarters

~75

COUNTRIES

Global Footprint

550+

People

3

Facilities

Khatima & Sitarganj
(Uttarakhand) &
Hyderabad (Telangana)



HIGHLIGHTS



Patented low-energy PET plastic and polyester fiber recycling technology **addressing a \$200 billion market opportunity**¹



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



Specialty Chemicals Business supplies an underserved market with attractive financial returns



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 Ester Industries, SK Geo Centric and Reed Management. Investment-light model in higher cost countries



Design one, build many engineering and construction philosophy



Goal of multiple Infinite Loop™ facilities in the next 10 years



¹. Includes DMT & MEG market

LIQUIDITY AND OWNERSHIP

All values in thousands unless otherwise stated

As at November 30, 2024

Cash & Cash Equivalents **\$323**

Debt

Secured Operating Facility \$2,372

Investissement Québec financing facility \$3,186

Warrants

\$20.00 Exercise Price 2,357

Common Stock (Basic Shares Outstanding) **47,620**

Total Equity Capital Raised (Since Inception) **\$163,000**

Subsequent to November 30, 2024, Loop received cash proceeds of \$20,790 following the closing of its financing and licensing transactions with Reed Societe Generale Group

LOOP AT A GLANCE

Loop Industries, Inc.
NASDAQ: LOOP

47.6M

Shares
outstanding

23.5M

Float

50.7%¹

Insider holdings

50+

Employees

**Terrebonne,
Canada**

Headquarters

2014

Founded

1. Includes Daniel Solomita, SK geo centric and other Directors and Officers

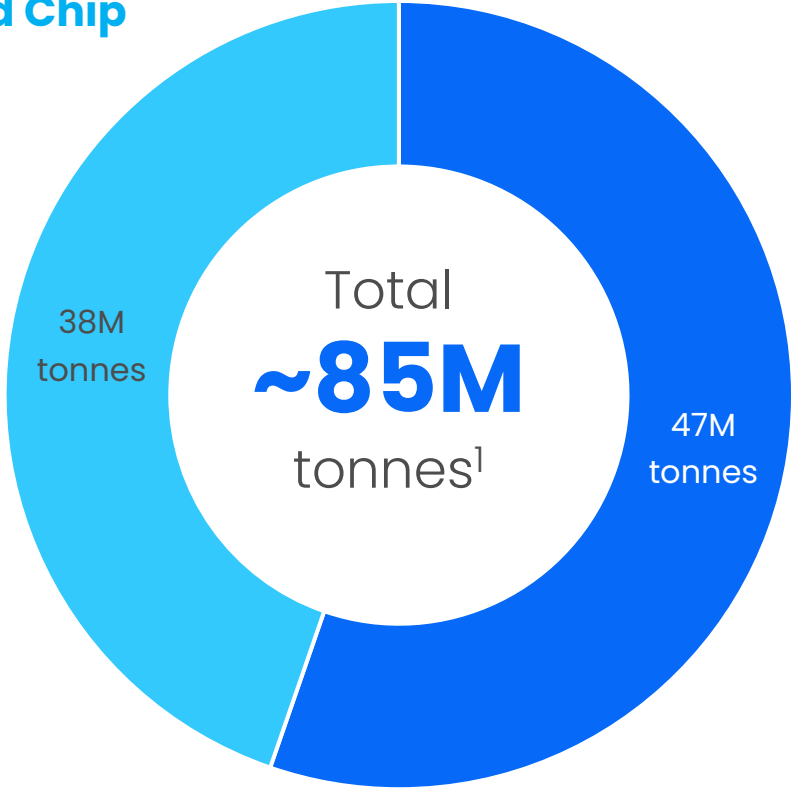
APPENDIX



WORLDWIDE CONSUMPTION OF PET – 2022

Total market \$
~\$180B²
Growing at a
4% CAGR¹

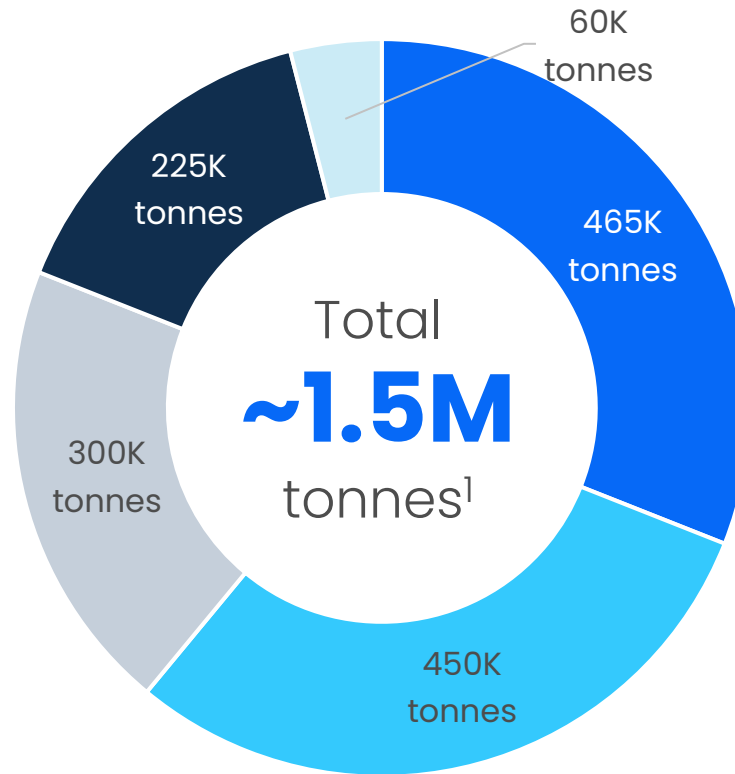
45% PET Resin, Film and Chip 55% Polyester Fiber



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 Market Research

INFINITE LOOP™ QUEBEC



Quebec
Infinite Loop™ Quebec

Highlights

- 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
- 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 Source: Textile Exchange Preferred Fiber and Material Market Report 2021

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.



Fady Mansour

Chief Financial Officer

Mr. Mansour has over 25 years of experience in financial and operational leadership, having previously worked at the Caisse de dépôt et placement du Québec and the Canadian National Railway Company.

Mr. Mansour is a CPA and holds a Graduate Diploma in Accounting from Concordia University.



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.



Giovanni Catino

VP Sales & Business
Development

An experienced and trusted executive, Giovanni holds a bachelor's degree in Economics from Concordia University.

At Loop, Giovanni has cultivated strong customer relationships with leading organizations and has implemented supply chain agreements and solutions that have helped clients reach their sustainability goals.



Adel Essaddam

VP Science & Innovation

Adel is the co-inventor of Loop Industries' revolutionary second generation (GEN II) depolymerization technology and leads the Loop Industries' Research and Development team.

Adel holds a degree in Composite Material Transformation and has invented multiple worldwide patents in the chemical depolymerization field.

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.



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.



Laurent Auguste

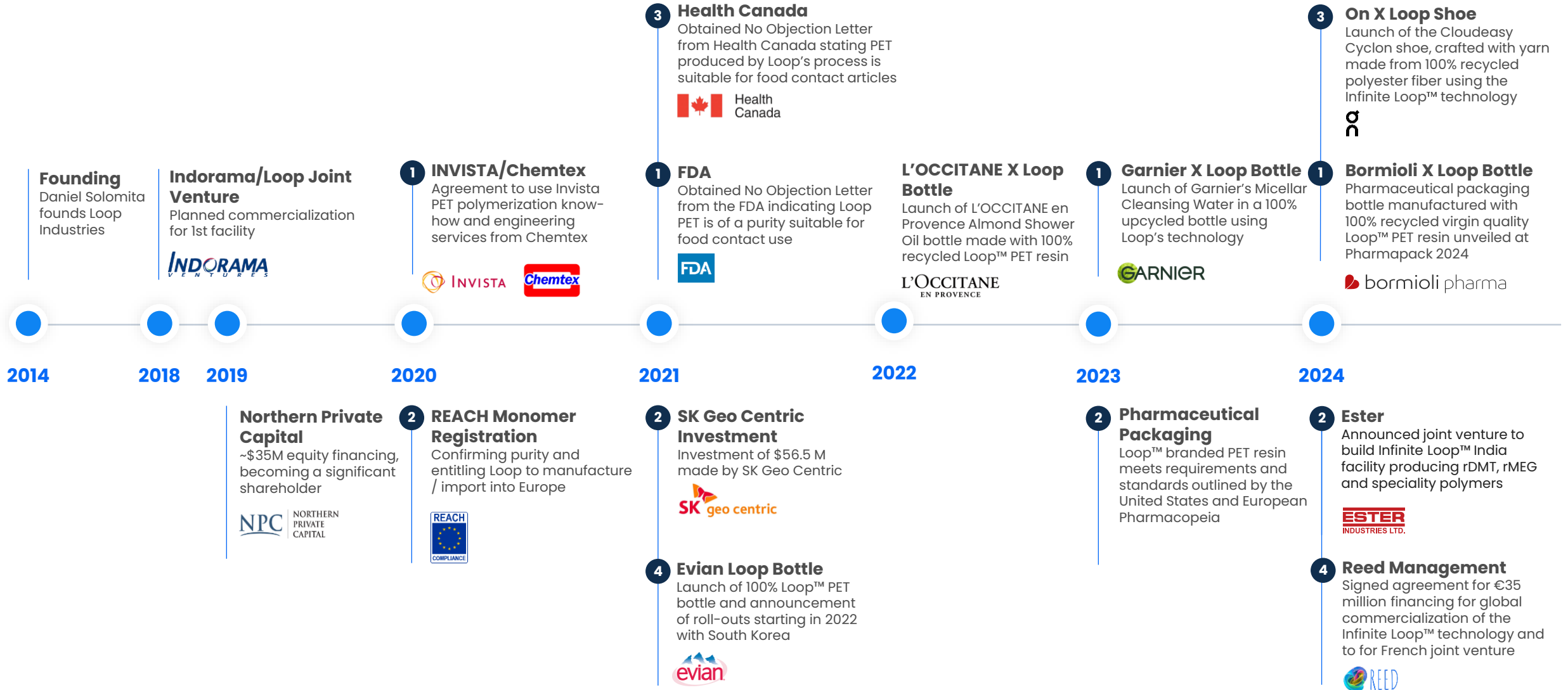
Director Nominee

Mr. Auguste is standing for election to Loop's Board of Directors at the upcoming 2024 AGM.

Currently serving as CEO of GreenDot, a Germany based company specialized in the operation of waste sorting and mechanical recycling plants for polyolefins, Mr. Auguste brings extensive experience in global environmental business management and strategic development to the Board.

Mr. Auguste holds a degree in mechanical engineering from École Centrale de Lyon.

OUR JOURNEY





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