



Investor presentation

ACCELERATING THE CIRCULAR PLASTICS ECONOMY

January 2024

 Nasdaq: LOOP



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This presentation of Loop Industries, Inc., a Nevada corporation (“Loop”, the “Company,” “we,” or “our”), is dated January 16, 2024 and contains “forward-looking information” and “forward-looking statements” within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 and applicable securities laws (collectively, “forward-looking statements”). Such forward-looking statements include, but are not limited to, statements with respect to our objectives and the strategies to achieve these objectives, as well as information with respect to our beliefs, plans, expectations, anticipations, estimates and intentions. Forward-looking statements may be preceded by the words “intends”, “may”, “will”, “plans”, “expects”, “anticipates”, “should”, “could”, “projects”, “predicts”, “estimates”, “aims”, “believes”, “hopes”, “potential”, “continue”, “target”, “would” or similar words. Forward-looking statements are not guarantees of future performance, are based on certain assumptions and are subject to various known and unknown risks and uncertainties, many of which are beyond Loop’s control, and cannot be predicted or quantified and consequently, actual results may differ materially from those expressed or implied by such forward-looking statements. Such risks and uncertainties include, without limitation, risks and uncertainties associated with among other things: (i) commercialization of our technology and products, (ii) our status of relationship with partners, (iii) development and protection of our intellectual property and products, (iv) industry competition, (v) our need for and ability to obtain additional funding relative to our current and future financial commitments, (vi) engineering, contracting and building our manufacturing facilities, (vii) our ability to scale, manufacture and sell our products in order to generate revenues, (viii) our proposed business model and our ability to execute thereon, (ix) adverse effects on the Company’s business and operations as a result of increased regulatory, media or financial reporting scrutiny, practices, rumors, or otherwise, (x) disease epidemics and health-related concerns, such as the current outbreak of additional variants of coronavirus (COVID-19), which could result in (and, in the case of the COVID-19 outbreak, has resulted in some of the following) reduced access to capital markets, supply chain disruptions and scrutiny or embargoing of goods produced in affected areas, government-imposed mandatory business closures and resulting furloughs of our employees, government employment subsidy programs, travel restrictions or the like to prevent the spread of disease, and market or other changes that could result in noncash impairments of our intangible assets, and property, plant and equipment, (xi) the outcome of the ongoing SEC investigation or the class action litigation filed against us, (xii) our ability to hire and/or retain qualified employees and consultants, and (xiii) other factors discussed in our filings we have made and may make in the future with the Securities and Exchange Commission (“SEC”), which are available on the SEC’s website at <http://www.sec.gov>, and the securities commissions or similar regulatory authorities in Canada, which are available under our SEDAR profile at www.sedar.com. Investors and security holders are urged to read these documents. Loop assumes no obligation to publicly update or revise its forward-looking statements as a result of new information, future events or otherwise.

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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) 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**



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



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.



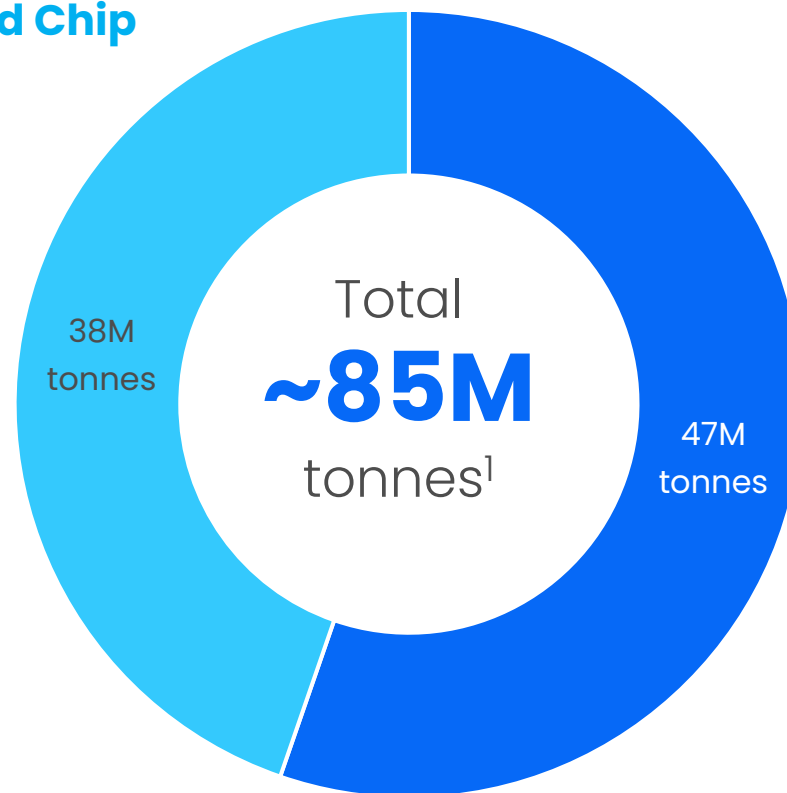
¹. Dimethyl terephthalate and monoethylene glycol

WORLDWIDE CONSUMPTION OF PET – 2022

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

45% PET Resin, Film
and Chip

55% Polyester Fiber

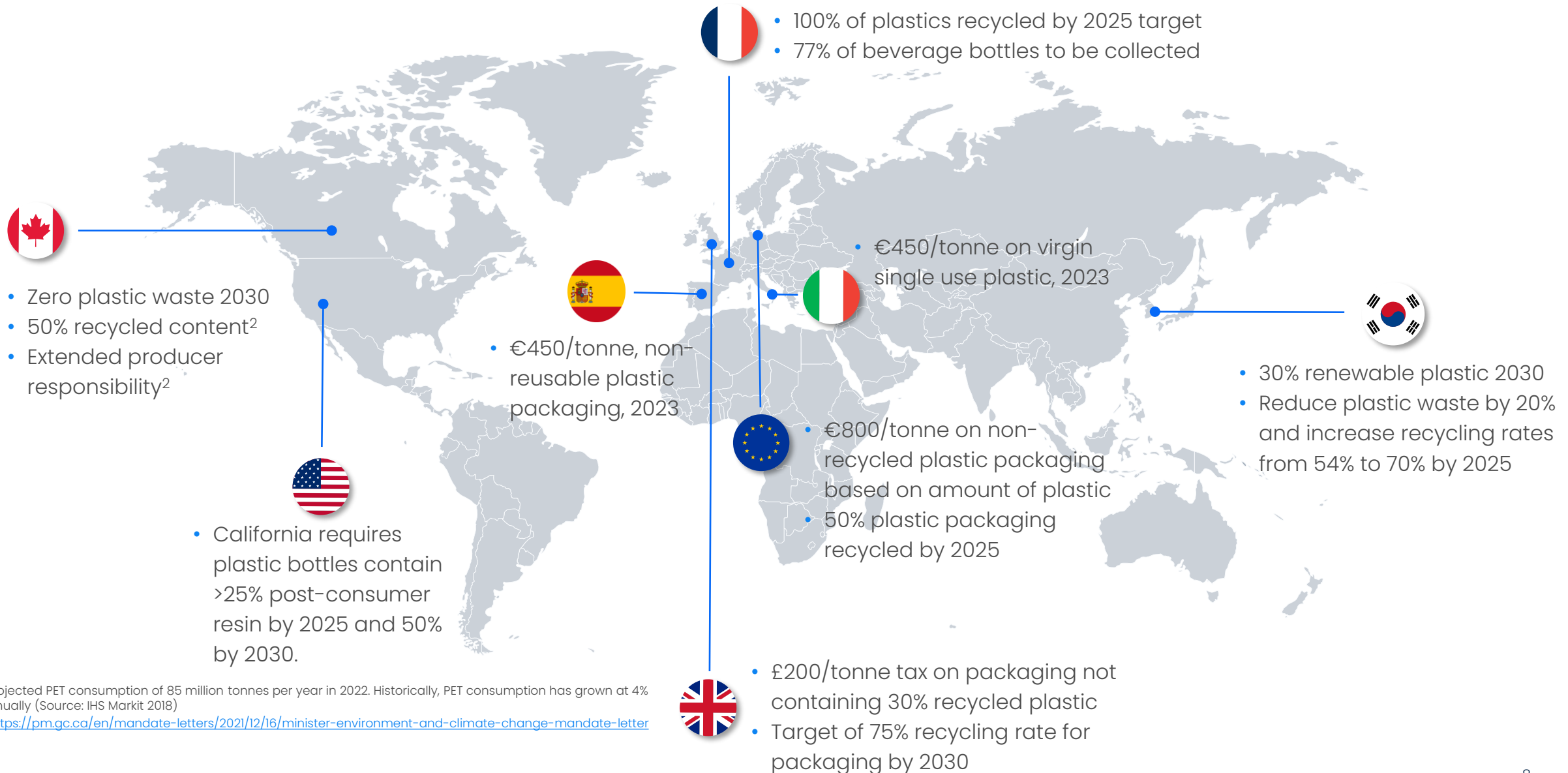


¹ IHS Markit PET Polymer, 2018

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



GOVERNMENT MANDATES DRIVING RECYCLED DEMAND



LOOP IS DECARBONIZING PLASTICS

Source

Lower GHG Emissions

A 70,000 tonne Loop facility could save
Up to 360,000 tonnes / year
of CO₂ compared to virgin PET¹



Environmental Data



Up to 79% less
Global Warming Potential
(GHG)



Up to 67% less
Primary Energy Demand
(Non-Renewable)

¹ Source: Life Cycle Assessment of Loop GEN II Infinite Loop™ France 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

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 5 days a week



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



Full R&D capabilities for customers



LOOP PET BRAND ACTIVATIONS



Evian Labeled Bottle



Evian Label-less Bottle



L'Occitane Shower Oil



Garnier Cleansing Water

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



SK GEO CENTRIC AT A GLANCE



\$8+ Billion

In Sales

1,000+

Employees

- The general energy and chemical leader in the global market
- Wholly owned subsidiary of SK innovation and part of the SK Group, Korea's 2nd largest conglomerate
- Focused on investing in advanced recycling technologies and eco-friendly plastic solutions
- Planned Investment of 5 Trillion won (US\$3.5 Billion) by 2025 to set up plastic recycling plants¹

Part of the
SK Group



US\$139bn

SK Group's revenue

US\$185bn

SK Group's market cap

>100,000

Employees worldwide

475

Global network of branches
and subsidiaries



¹. Source: <https://latestfinance.news/sk-innovation-is-investing-5-trillion-won-in-a-net-zero-project-at-its-flagship-ulsan-complex-108390/>

INFINITE LOOP™

ASIA



Projected
Infinite Loop™
facilities



In partnership with



Highlights

- SK GC acquired a 10% equity stake in Loop Industries in June of 2021
- Loop and SKGC 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
- Targeting minimum 4 facilities by 2030, target locations include South Korea, China, Vietnam and Japan
 - The first Asian Infinite Loop™ facility planned in Ulsan, South Korea
 - Project expected to break ground in first half of 2024
 - Plant production capacity: 70,000 tonnes
- 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
- Fiber-to-fiber recycling delivers circularity for polyester fibers
- Helps address growing demand of the recycled polyester textile industry

INFINITE LOOP™ FRANCE



France
Infinite Loop™ facility
Saint-Avoid, France

In partnership with



Highlights

- Equal partners with Suez and SKGC to form JV
- Partnership combines Loop's technology with SUEZ's resource management expertise and SKGC's petrochemical manufacturing experience
- 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
- Optimizing the site location in France
- Commissioning 18 months after groundbreaking
- Next steps: site permitting, offtake agreements and financing

TARGETED FACILITY ECONOMICS



Targeting **5–10 year** supply agreements with CPG brands



Pricing linked to regional index¹



Fixed selling price premium over index partially hedges target margins¹



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	\$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 rPET 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. Capex is 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.

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.

LONG-TERM GROWTH GOALS



Our goal is to **construct 10 Infinite Loop™ facilities** in the next 10 years

- First large-scale commercial manufacturing facility planned to be operational by the end of 2026



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



Production goal of **1M tonnes** annually in the next 10 years

- **~1% of total PET polymer and polyester fiber consumption¹**

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

INVESTMENT HIGHLIGHTS



Patented low-energy PET plastic and polyester fiber recycling technology **addressing a global 85m tonne /year market**¹



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™ facilities producing 1M tonnes in the next 10 years

¹ IHS Markit, PET Polymer, January 31, 2018



LIQUIDITY AND OWNERSHIP

All values in thousands unless otherwise stated

As at November 30, 2023

Cash & Cash Equivalents	\$9,366
Debt	
Secured Operating Facility (\$2.6 million undrawn and available)	-
Investissement Québec financing facility	\$3,315
Warrants	
\$11.00 Exercise Price	17
\$15.00 Exercise Price	4,715
\$20.00 Exercise Price	2,357
Common Stock (Basic Shares Outstanding)	47,529
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

47.5M **19.3M**
Shares Float
outstanding

59.2%¹ **60+**
Insider holdings Employees

Terrebonne,
Canada
Headquarters

2014
Founded

APPENDIX



SK ECOENGINEERING AT A GLANCE



1977

Established

5,400

Employees

\$7+ Billion

In Sales

\$18+ Billion

Order Backlog

50 Projects Internationally – Including:

FHSE Project – Canada
(the world's largest oil sands project)

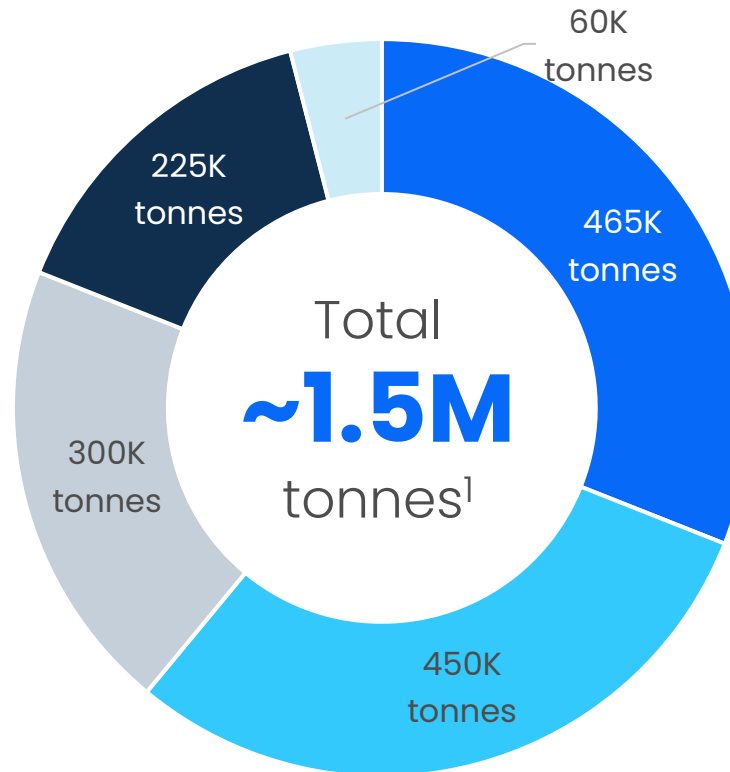
Clean Fuel Project – Kuwait

Combined-Cycle
Power Plant – Yeosu, Korea



Reflects financials of SK Eco Plant. SK ecoengineering is a subsidiary of SK Eco Plant.

WORLDWIDE DEMAND FOR POLYBUTYLENE TEREPHTHALATE (PBT)



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

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



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.

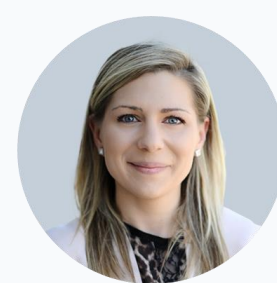


Adel Essaddam

VP Science & Innovation

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

Adel has invented multiple worldwide patents in the chemical depolymerization field and leads the Loop Industries' Research and Development team.



Andrea Kostiuik

VP Marketing &
Communications

An experienced brand strategist, Andrea holds a bachelor's degree in Marketing from Concordia University.

Having implemented commercial go to market plans at both local and global levels for major CPG companies, Andrea is proficient in strategic business planning and brand building.

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

Founding

Daniel Solomita
founds Loop
Industries

Indorama/Loop Joint Venture

Planned commercialization
for 1st facility



3 SUEZ

Partnership Agreement to develop
first European Infinite Loop™ facility



1 Worley

Process Engineering Partnership



3 Health Canada

Obtained No Objection Letter from
Health Canada stating PET
produced by Loop's process is
suitable for food contact articles.



1 FDA

Obtained No Objection Letter
from the FDA indicating Loop
PET is of a purity suitable for
food contact use



1 Infinite Loop™ France

Suez & SKGC as equal
partners

4 SKGC Joint Venture Agreement

Signed Joint Venture
Agreement to commercialize
Loop's technology in the
Asian market



2 SKGC Technical Due Diligence

Completion of technical due
diligence validating and
confirming the efficacy of
Loop's technology

Northern Private Capital

~\$35M equity financing,
becoming a significant
shareholder



2 INVISTA/Chemtex

Agreement to use Invista PET
polymerization know-how and
engineering services from Chemtex



4 REACH Monomer Registration

Confirming purity and entitling Loop
to manufacture/ import into Europe



2 SKGC Strategic Partnership

SKGC \$56.5 M strategic
investment and Asia joint
venture MOU



4 evian Loop Bottle

Launch of 100% Loop™ PET
bottle and announcement
of roll-outs starting in 2022
with South Korea



2 L'OCCITANE X Loop Bottle

Launch of L'OCCITANE en
Provence Almond
Shower Oil bottle made
with 100% recycled
Loop™ PET resin



1 Infinite Loop™ France Site selected: Saint-Avoid, France

3 Garnier X Loop Bottle

Launch of Garnier's
Micellar Cleansing Water
in a 100% upcycled bottle
using Loop's technology





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