



SNOW

# When Snow Falls, Nature Listens

ANTOINETTE VAN KLEEF

SNOW Polymers Deck 2025



SNOW

# Re-Turn Plastics To Nature

Oil-Free Plastics & Additives With  
Regular Plastics Prices;  
Made From Waste.



רשות החדשנות  
Israel Innovation  
Authority



**NETAFIM™**  
An Orbia business.



sodastream

**DOLAV®**



InNegev

9

INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



12

RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



13

CLIMATE  
ACTION



14

LIFE  
BELOW WATER



15

LIFE  
ON LAND



# SNOW POLYMERS Ltd

## Economical Plastics & Raw Materials

Transforming Industrial Waste into Competitive Biodegradable Plastics -  
A Double Circular Economy Masterpiece

### Oil-Price Competitive

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SNOW Polymers transforms industrial organic side-streams wastes into biodegradable plastics that are oil-based price competitive.

### Industrial Compatible

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Aligns with global and EU 2030 sustainability and circular economy goals. Compatible with plastic manufacturing methods.

### Double Circular Economy Impact

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Industrial waste to oil-based plastic substitutes. Investors have an opportunity to lead the next disruptive tech in the plastics industry.



Join us in creating a sustainable future while generating significant multilevel value.

# THE NEED | A World Market in Transition Under Pressure



**Regulations are tightening**, with the EU targeting a major circular economy compliance by 2030.



**Markets and industries must adopt** affordable, scalable, and sustainable alternatives



**Prices of biodegradable plastics are higher** than oil-based, at \$4–12/kg versus \$1–1.8/kg for traditional plastics.

Price is The  
Major Global  
Industrial  
Bio-Plastic  
Barrier

SNOW Polymers Ltd is Positioned right on the Bioplastics Imperative: Navigating Strict Regulation, Adoption Necessities, and Affordability challenges.

# TECHNOLOGY

Two Novel Polymer Molecules  
Diverse Industry Applications and possibilities



**TPSx™**  
**TPC™**  
Industrial  
Bio  
Polymer  
Grades

TPSx™ grades derived from starch synthesis  
TPC™ grades derived from cellulose synthesis.

Patent-protected and confirmed as innovative  
by two independent leading patent offices.

## Thermoplastic & Biodegradable

Two novel thermoplastic polymer molecules  
exhibiting controlled biodegradation within 3-24  
months under industrial and domestic  
composting conditions.

## Additives For Oil-based Plastics & Fully Biodegradable Products

Suitable both as additives for conventional plastics  
to meet EU regulations or as fully biodegradable  
replacements, compatible with existing injection  
molding and extrusion blow molding technologies.

# SOLUTION | Biodegradable, Oil-Free Polymer Materials and Products, Competitively Priced to Oil-based Plastics

From Waste to- Raw Materials to- Products



## SNOW POLYMERS Technological Process



# TECHNOLOGY

## Transforming Waste into Polymers From Molecular Design to Scalable Production

### Polymer Brushes

SNOW's proprietary polymer brushes are synthesized through dense grafting of polyester chains onto modified starch or cellulose backbones, forming TPSx™ and TPC™ molecules.

### Covalent Bonding

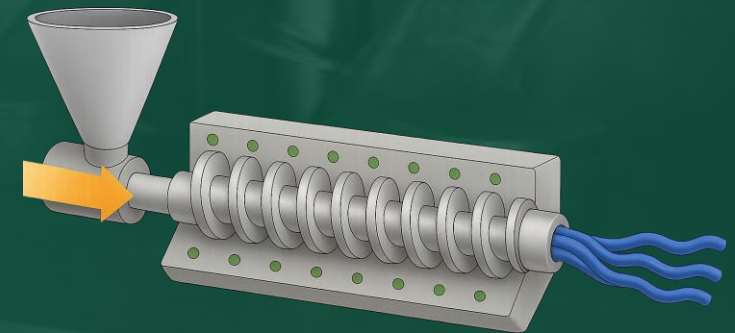
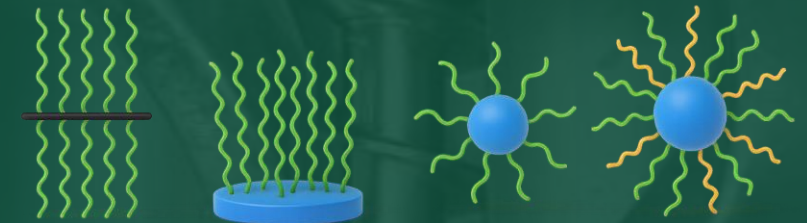
Covalent bonding between the carbohydrate core and polymer chains leads to aligned crystallinity, superior melt rheology, and high mechanical strength.

### Mixtruder Process

The mixtruder process enables reactive extrusion from low-viscosity feedstock to high-viscosity polymer melt, with homogeneous mixing and high yield.

### Thermal Stability

Polymer structures exhibit enhanced thermal stability and tunable degradation kinetics based on polymer composition and morphology.



# THE TEAM

Experts in Plastics, Sustainability, and Innovation  
Proven Leadership with a Vision for Hands on Future operation



**Sharon Raymond**  
CEO

Experienced executive in the chemical, food, and recycling industries. Led multi-million-dollar industrial projects, specializing in scaling sustainable manufacturing and driving operational excellence.



**Shai Garty, PhD**  
Chief Scientist

Polymer scientist specializing in biodegradable materials and advanced plastics. Expert in developing sustainable solutions for industrial applications, collaborating with major manufacturers to drive eco-friendly innovation.



**Alex Braun**  
International Development

Entrepreneur and R&D leader in smart materials and circular economy. Co-founder of multiple startups, including Plastic-back Ltd and Inteligels Ltd, with expertise in industrial innovation.



**Asher Razlan**  
Scale-up to Industry

Chemist and materials expert with a focus on polymer science and sustainable technologies. Holds patents in advanced formulations and has led R&D in the plastics and 3D printing industries.

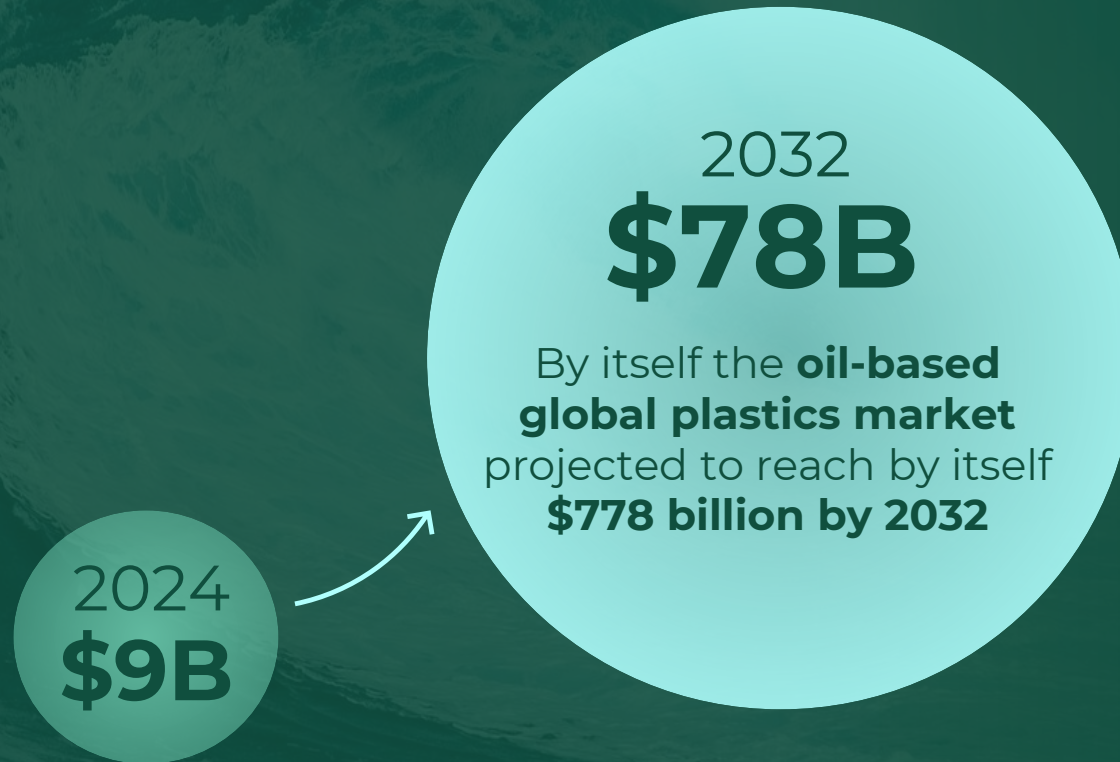


**Eliran Sasonof**  
BD Israel Investor Relations

Deep Tech entrepreneur with a specialization in strategy and business development. Driven by the desire to make the world a better place.

# MARKET OPPORTUNITY

## Bio-Plastics: A Bursting Global Market Surfing on the wave of the bio plastic transition



The global bioplastics market is projected to grow immensely from \$9B to \$78B by 2032 (Markets&Markets)



EU regulations mandate biodegradable and compostable plastics, creating massive demand.



SNOW Polymers is positioned to capture significant market share with cost-effective solutions.



Competitive pricing ensures accessibility to both emerging bio plastics and traditional oil-based plastic markets.

# COMPETITION

## Standing Out in the Bioplastics Market

Exit Opportunities and Strategic Alliances

| Company                    | Compostable | Circular | Pricing |
|----------------------------|-------------|----------|---------|
| Mitsubishi Chemical        | ✓           | X        | X       |
| BASF                       | ✓           | X        | X       |
| Wacker Chemie              | X           | X        | X       |
| Covestro AG                | Partial     | Partial  | X       |
| Emerging Bio-Polymer Stars | ✓           | ✓        | X       |
| SNOW Polymers              | ✓           | ✓        | ✓       |



### Price

SNOW offers bioplastics at \$1–\$1.8/kg, matching traditional plastics. Giants and startups price at \$4–\$12/kg, limiting accessibility.



### Circularity

Unlike most competitors, SNOW is pure circular, creating products from waste and supporting local industries in every circle.

### Giants

Global chemical companies dominate the bio-polymer market offer potential exit opportunities for SNOW through Grades & Circles.

### Emerging

Innovative startups can benefit from SNOW’s technology, enabling seamless integration and strategic collaborations.

# Business Model

## Closed-Loop Transformation Process The Complete Turn from Waste to Products

### Raw Material Suppliers

Food or carton industry waste producers.



### Waste Collection & Transportation

Logistics and waste management services.



### Synthesis Process

Waste conversion into biodegradable polymer.

**WE ARE  
HERE**



SNOW



### Compounding & Additive Mixing

Enhancement with additives for required properties.



### Plastic Manufacturers Clients

End customers producing biodegradable plastic products

# Business Model

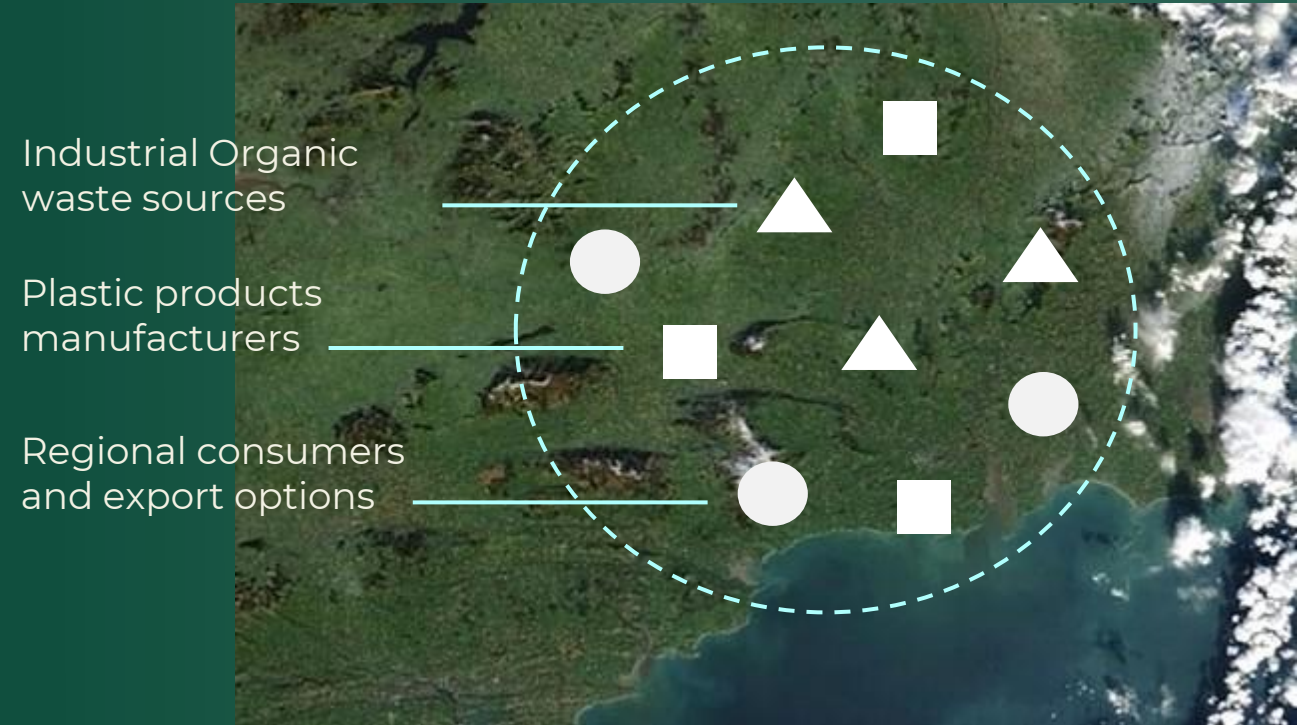
## Double-Circular Industrial Operation Income Returns Through IP and Industrial roadmaps

### Income stream 1 - IP & Licensing Agreements\*

Intellectual property licensing, JV and Exit Strategy. Partnerships with industries developing tailored grades.

### Income stream 2 - Grades Supply for Industries

500 km diameter model creates back-to-back Waste-to-Grades supply from local industrial waste handlers, to end-product manufacturers.



\* Traction: 3 Industrial agreements already signed

Roadmap

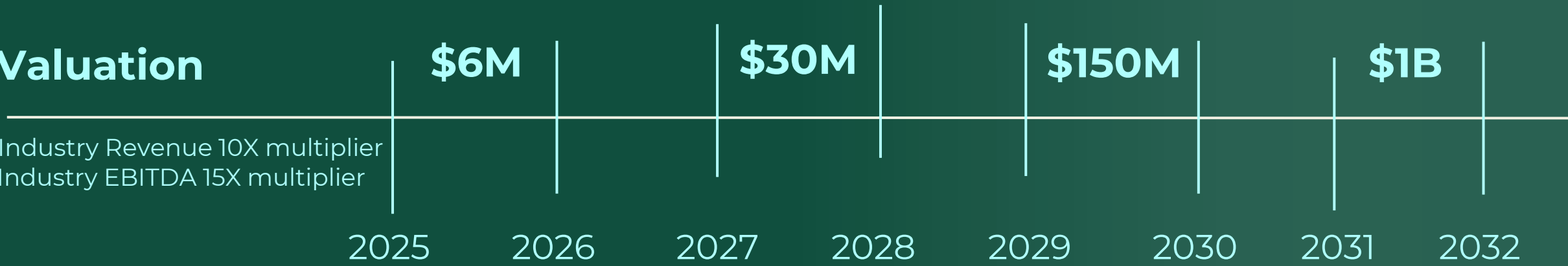
High-Growth Opportunity for Short-Term Returns  
Accelerating Value Through Intangible Milestone-based Assets

Licensing  
KPI's

JV ISRAEL PartnershipsIP Worldwide PublicationRegulation AuthorisationJV 100M Ton Europe/ IndiaJV 100M Ton USA/ AsiaEXIT Grade AEXIT Grade B

Sales  
KPI's

Licensing & Grade Supply Income streams\$0.5M\$1MCOMMERCIAL PROOFROI\$10M\$30M\$100M\$300M



Operations  
KPI's

Grade A+BGrade C+DIndustrial SettingOutsource ManufacturingInternationalExit SignedScale-Up Regulation A+BScale-Up Regulation C+DLocal SalesExits LOI'sFactory EstablishmentSales

# The Offer

SNOW Polymers is raising **\$3M** through a SAFE round at a **\$6M** pre-money valuation.

This funding will enable patent expansion, reaching commercial feasibility point, and international market entry.

Investing now positions you to capitalize on the bioplastics market, as demonstrated by companies as:

## Valuation & Round Examples of equivalent companies

| Company                   | Product                                | Funding/<br>Valuation                                     | Background                                                                 |
|---------------------------|----------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------|
| <b>Danimer Scientific</b> | Biodegradable plastics (PHA/PLA)       | <b>\$2.5B (2021)</b><br><b>Valuation at 14K Ton/ year</b> | Publicly traded; leader in compostable bioplastics.                        |
| <b>AMSilk</b>             | Biopolymers based on synthetic silk    | <b>€29M Series C (2021)</b>                               | Pioneering synthetic silk for various applications, including bioplastics. |
| <b>Avantium</b>           | PEF polymers from plant-based sugars   | <b>€277M IPO Valuation at POC stage (2017)</b>            | Commercialized FDCA/PEF polymers, aligned with circular economy goals.     |
| <b>NatureWorks</b>        | PLA bioplastics from renewable sources | <b>Industrial 75K/T JV valued at \$600M+ (2020)</b>       | Large-scale commercial production of PLA bioplastics.                      |

# BREAKING NEWS

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## SNOW POLYMERS LAB

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**Next Product**  
TPC™ for EPS replacement

**TPSx™ Grades Advancing**  
Injection ( $T_m$  118°C, 3 mo) &  
Blowing ( $T_m$  120°C, 9 mo)

### Cost Target

Now: \$0.93/kg -- Goal: \$0.70/kg

### Break-Even Point

18,000 tons/year = Full ROI  
(\$3M R&D + \$3M line)

**Next Product**  
TPC™ for  
EPS replacement



# NEWS



SNOW

# Thank you



Join Us in Transforming  
the Plastic Industry