



RX Polymer – Sustainable Polymer and Packaging Waste Solution

Transforming 'Forever' Waste Plastics to substitute
Concrete, Wood and Virgin Plastic Construction Products

www.plaswire.com

Extruding | Processing | Innovating

The Plaswire Solution

PLASWIRE 
POLYMER PROCESSING

 **RXPOLYMER**
PLASWIRE POLYMER PROCESSING



How is Plaswire Different?



We are experts in Construction, Waste, Plastics Recycling and Manufacturing Processes.

Sustainability • Wood + Plastic Substitute • Net Zero Green Product • Concrete Displacement



Concrete Alternative

Lifecycle: Life time of Structure



Board – Replacing wood, virgin plastics, closed loop



De-carbonise



Reduce Incineration



Be Competitive

The Plaswire Solution



Smart Polymer made from 'Aviation and Wind Turbine Blade Forever Waste' diverted from incineration and replacing concrete and virgin plastics

1 Tonne RX Polymer offsets:



*noburn.org

** Ashby, M.F., 2013: Materials and the Environment – Eco-Informed Material Choice, 2nd ed.

Plaswire RX Polymer Metrics



Plant Capacity - 35,000 Metric Tonnes
Complex Polymers +
Residual Packaging

Community Size - 600,000+

Carbon Savings - 200,000 Metric Tonnes

Millions Tonnes

CO2 Offset
Achievable

RX Polymer+ Solutions



Replacing Existing Concrete Products
New Manufacturing Processes – Fibre Reinforced RX Polymer+

Sustainability • Major CO2 Replacement • Net Zero Green Product • Concrete Displacement



Concrete Channels

Light Weight and
Frost Resistant



Drain Gully

Concrete Fails on
Highways



Inspection Chamber



De-carbonise



Reduce Incineration



Be Competitive

Plaswire Market



Unique Sustainability Solution

Wind Energy, Aviation, Packaging,
Construction

Urgent Solutions Needed

For High Carbon Industries



Established Distributors

To the Construction Market



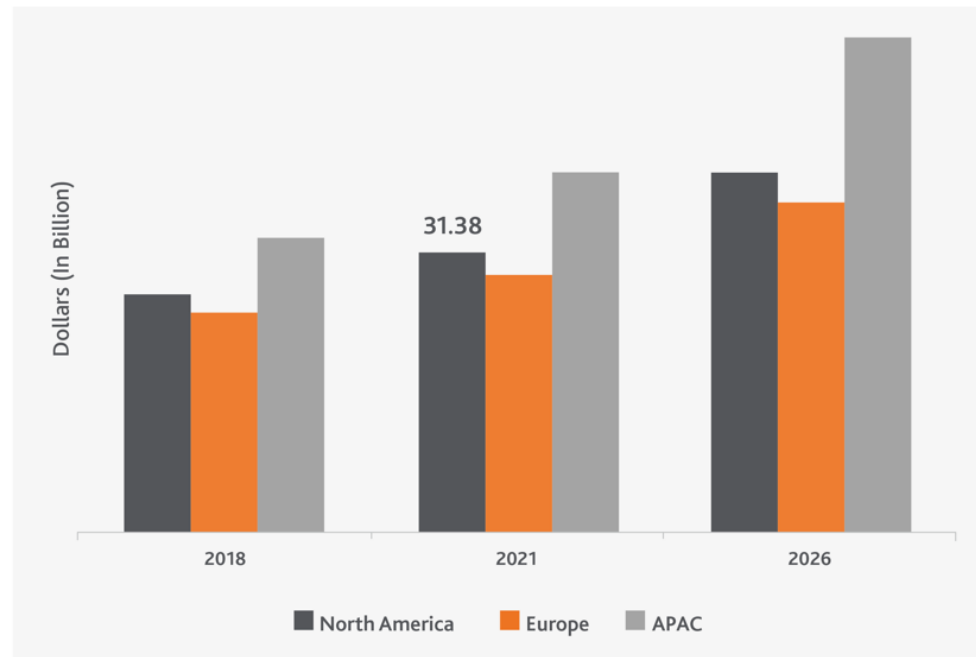
Concrete CO2 is MASSIVE!



RX Polymers

Out Perform Concrete & Plastic Equivalents!

Plaswire Market



\$130B

World Pre-cast
Concrete
Industry

Plaswire Customers



Summary



- ✓ Unique
- ✓ Sustainable
- ✓ Net Zero Green Product
- ✓ Concrete Displacement





Thank you!

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