

Vestolit's Sustainability Approach



Customer's Preferences

80%

of consumers now actively seek companies whose actions are consistent with their social and environmental values, and 80 percent are willing to pay more to buy from an ethical retailer

97%

of consumers are willing to pay more to an **ethical brand**.

Source: Me, My Life, My Wallet. KPMG International

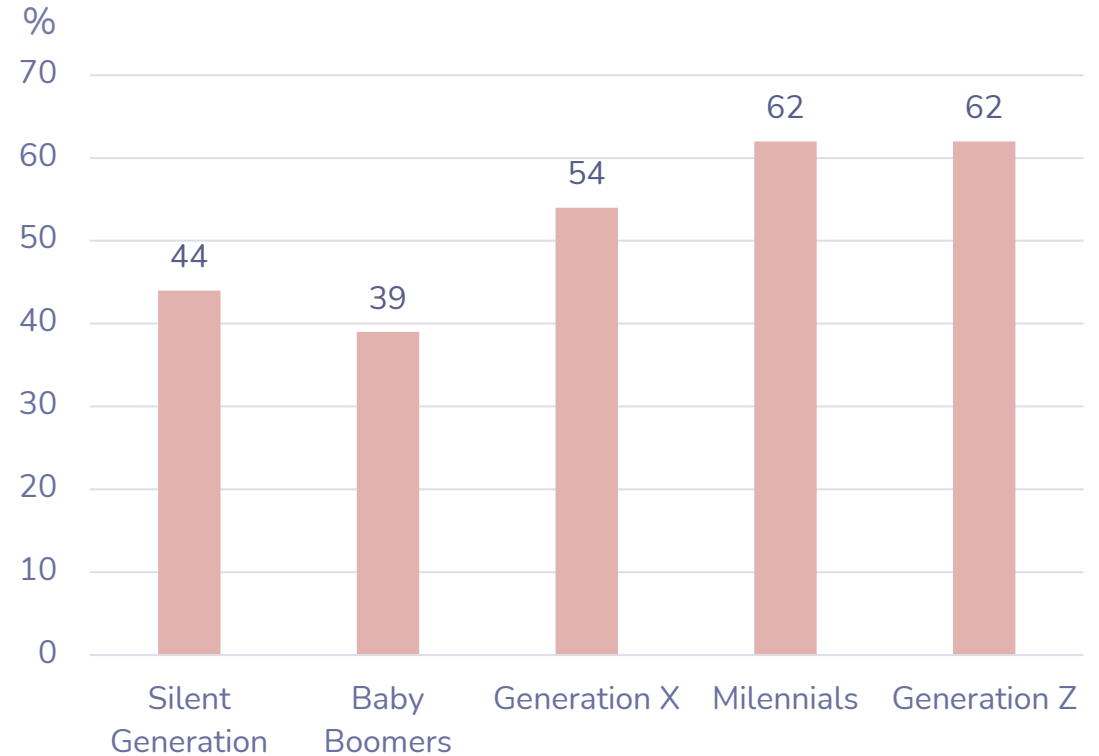
“ Although constrained during restrictions, we have seen attention shift back to basics and buying local. In August 2020, 54% of customers we asked in Australia said that an organization's environmental or social record had changed their purchasing decisions. ”



Customer's Preferences

Prefer to buy from Sustainable Brands

Generation Z Shoppers prefer **sustainable brands** and will **spend the most on sustainable products**



Source: Vinyl Institute Study

**When we sell
PVC resins,
we also offer
sustainability
solutions**



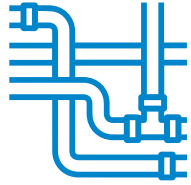
PVC and Derivatives products stand for their lower environmental footprint in the markets they are used

Along their lifecycle, they produce lower carbon emissions, they can be recycled several times, feeding numerous circular economy cycles, helping thrive several businesses, and also transforming social conditions.



Our products help solve several of the main challenges of the world

Our PVC resins are transformed into



Pipes to transport clean water.

More than
2.000 million
people have no access to drinking water.



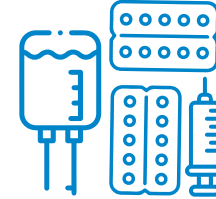
Sanitary pipes that carry wastewater to treatment plants before it is released into rivers or the sea.

3.600 million
people have no access to managed sanitation in their home.



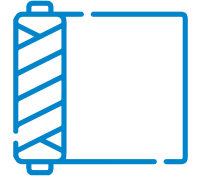
Houses and other construction applications such as flooring, roofing, windows frames.

1.300 million
people lack adequate housing.



IV and blood bags, pills packaging and other vital medical devices.

3.000 million
people can not afford basic medicines.



Film to conserve food.

1.2 million
tons a year.
Roughly a third of the world's food is wasted.

PVC

Can be recycled

Several times

Vinyl Institute

Emissions

CO₂

Lower than
other resins



**Can be mixed with
recycled content**

**Good
Performance
to be used with
virgin resins**

SDG Aligned

Vestolit's Initiatives

USA

- Member of the Vinyl Institute's Board

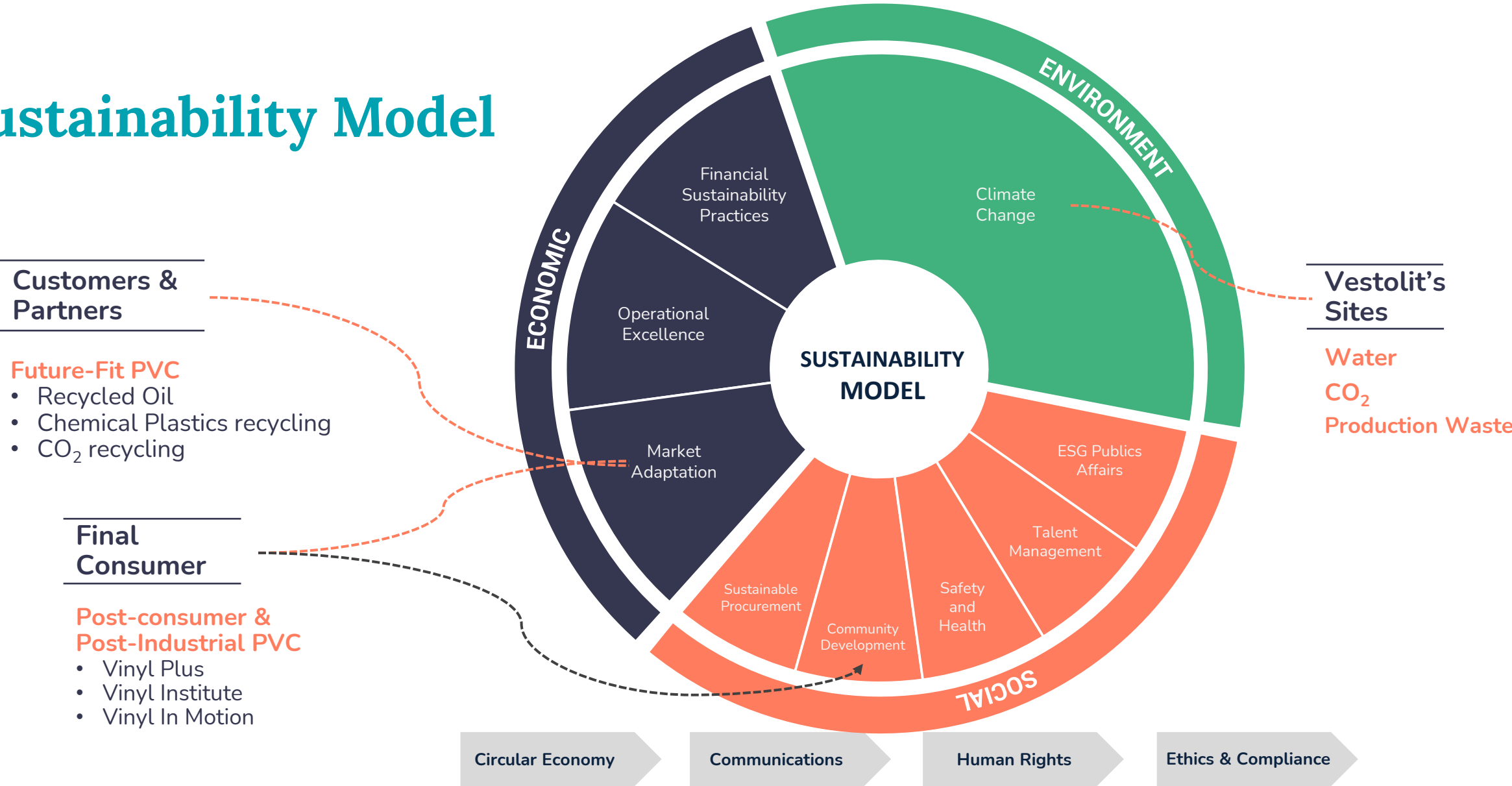
Colombia, Mexico and Brazil

- Vinyl in Motion
- VinyLA

Germany

- Future-Fit PVC
- Vinyl Plus Board

Sustainability Model



Opportunities in LATAM

11-30% Recycling rates in LATAM

Polymer	Recycling Rate (Ktpa)	Plastics Consume	Recycling (%)
PET	56	178	31
HDPE	53	195	27
LDPE	24	288	8
PP	22	262	8

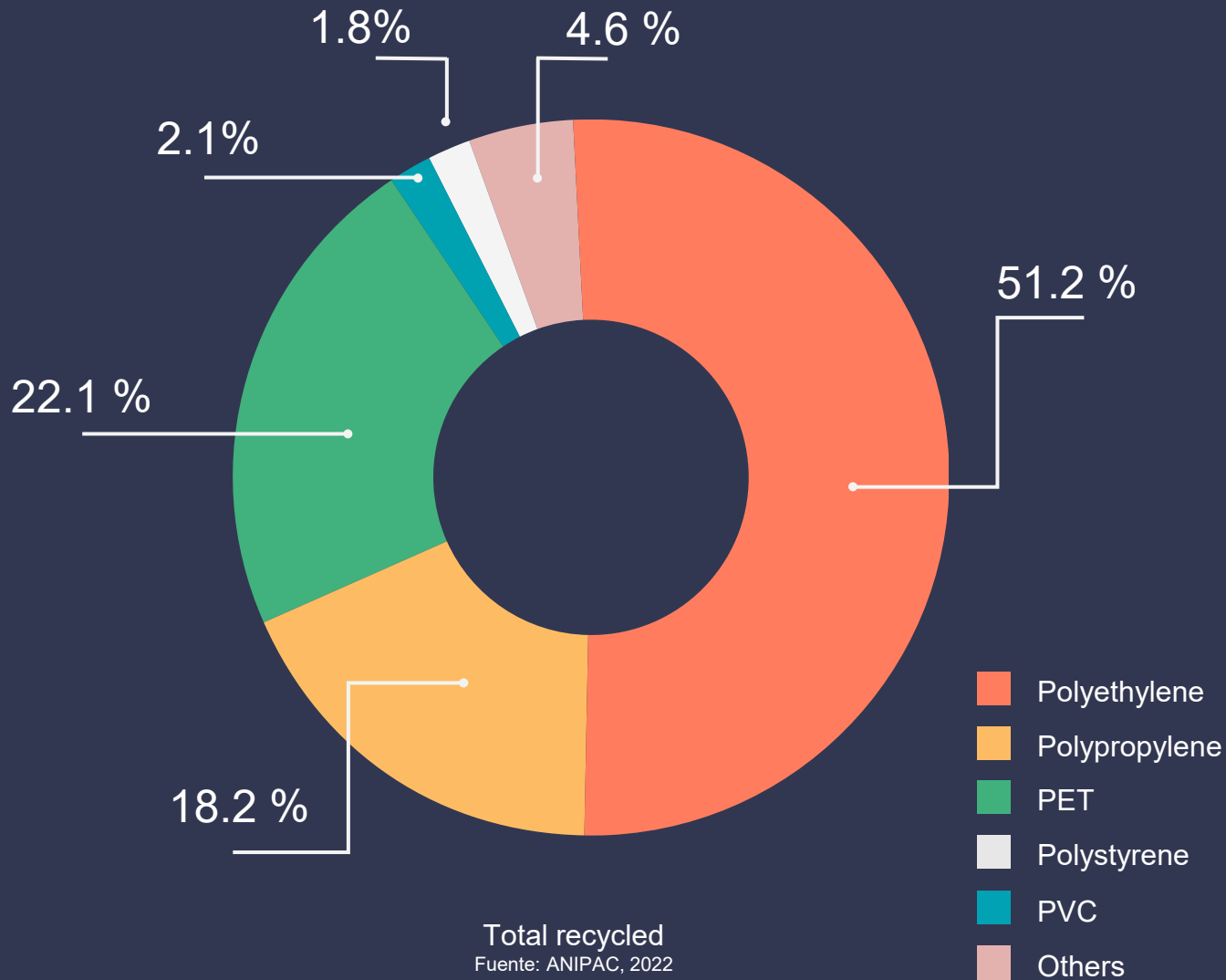
PVC?

Virgin PVC LATAM: 600.000 ton/year
PVC actual recycling rate: 2 % (12.000 ton/year)
30%: When?



Source: ...

Urban Mining:
The future of Material Sourcing



Vinyl Plus **900K** tons/year of **PVC** in the E.U.

Vinyl Institute **500K** tons/year of **PVC** in the U.S. and Canada.

In Mexico **1,9M** tons/year of plastics are being recycled.

PVC is just **2.1%** (40,187 tons) of this amount.



Just 8.6% is CIRCULAR

Circularity Gap Report, 2020

Circular Economy

LINEAL ECONOMY



From value loss to value generation

CIRCULAR ECONOMY





**We transform PVC waste
into resources for life
thanks to **Vinyl in Motion.****

Vinyl in Motion is the Vestolit's initiative
in Latin America to advance the circular
economy of PVC.

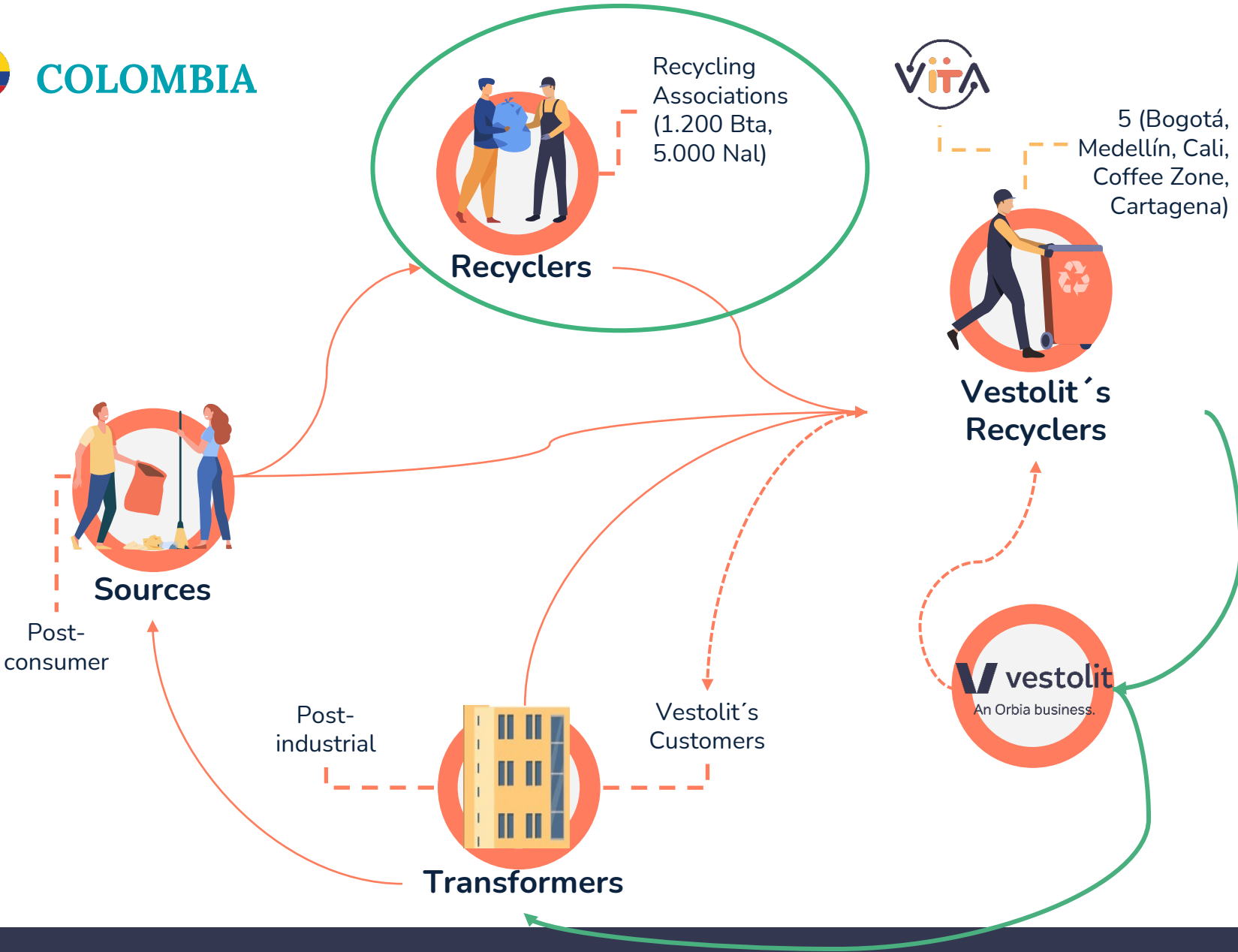


Vinyl in Motion



COLOMBIA

-  **Construction**
pipes, windows frames, flooring, roofing, wire
-  **Medical**
IV bags
-  **Medical**
Blister
-  **Cloths**
Merchandising, fashion, shoes



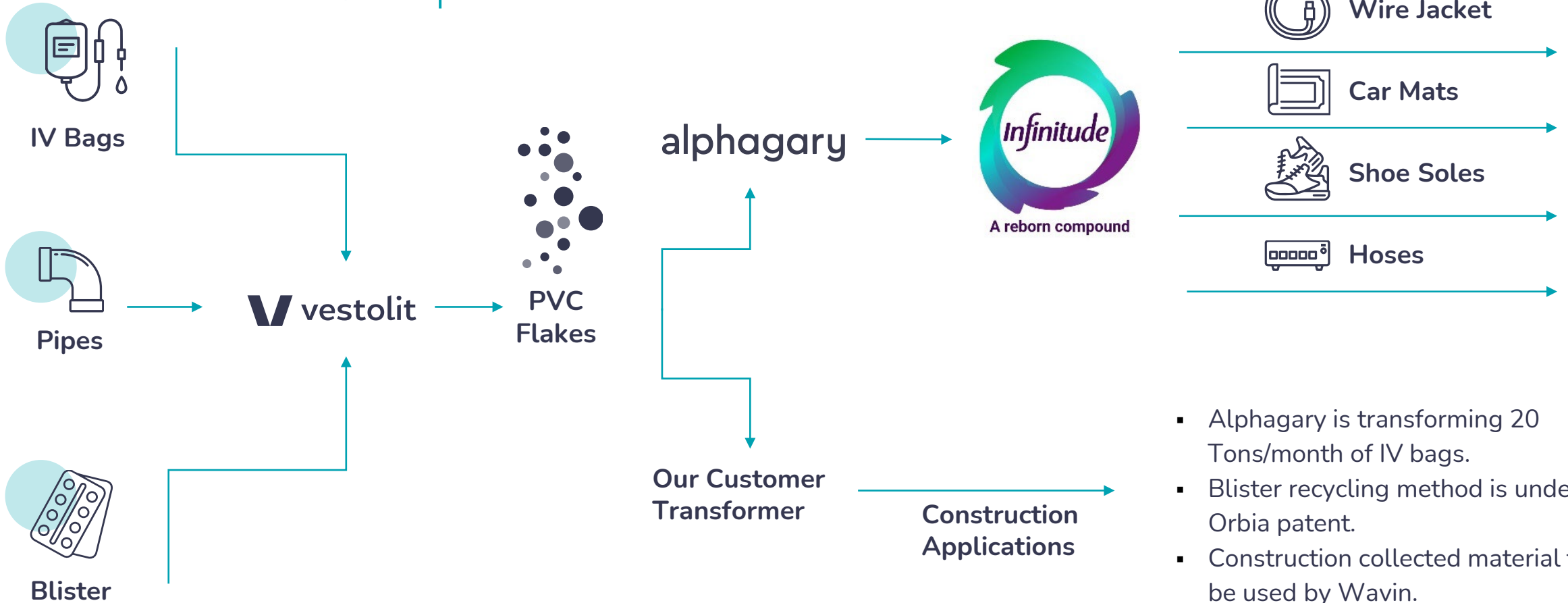
Vestolit's Recyclers



vestolit
An Orbia business.



Vinyl in Motion Process



- Alphagary is transforming 20 Tons/month of IV bags.
- Blister recycling method is under Orbia patent.
- Construction collected material to be used by Wavin.

Life Cycle Assessment

Pilot with our customers to assess
from the cradle to customer's exit gate



VinyLA

Latin America chamber of the PVC circular economy

Vestolit has led the creation of VinyLA – the first entity oriented to advance the PVC circularity in LATAM, such as the Vinyl Plus in Europe.



VINILA

Mesa de Economía Circular del PVC
para Latinoamérica



We are committed being a
Sustainability-Leader Company

Q&A



V vestolit

Vestolit is an Orbia business and
part of the Polymer Solutions group.

