

V-Shapes

Innovative unit-dose packaging



Corporate Presentation

V-Shapes around the World

[Watch il video](#)



Discover
V-Shapes world



- Food/ Beverages
- Cosmetics
- Pharma
- Chemical



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Informazioni aziendali riservate



V-Shapes®

innovative unit-dose packaging

FOR SIMPLE THINGS,
ONE GESTURE IS ENOUGH

Why V-Shapes

V-Shapes S.r.l. is a company specialized in innovative solutions for the packaging world. V-Shapes revolutionary unit-dose packs requires **only three fingers to be opened!**



V-Shapes®

innovative unit-dose packaging

AFTER V-SHAPES PACK,
I'LL NEVER GO BACK!



Watch
the
video



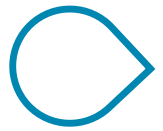
V-Shapes®

innovative unit-dose packaging

SIEMENS
Ingegno per la vita

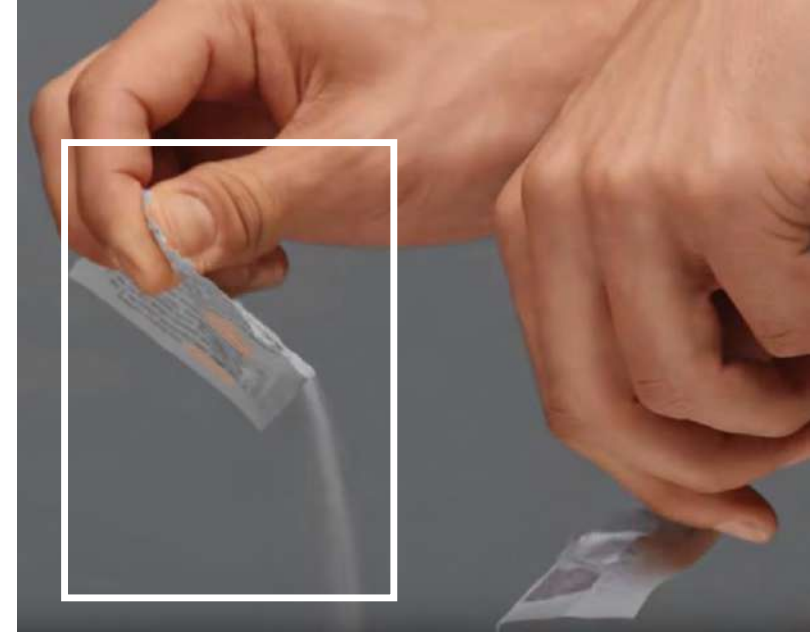
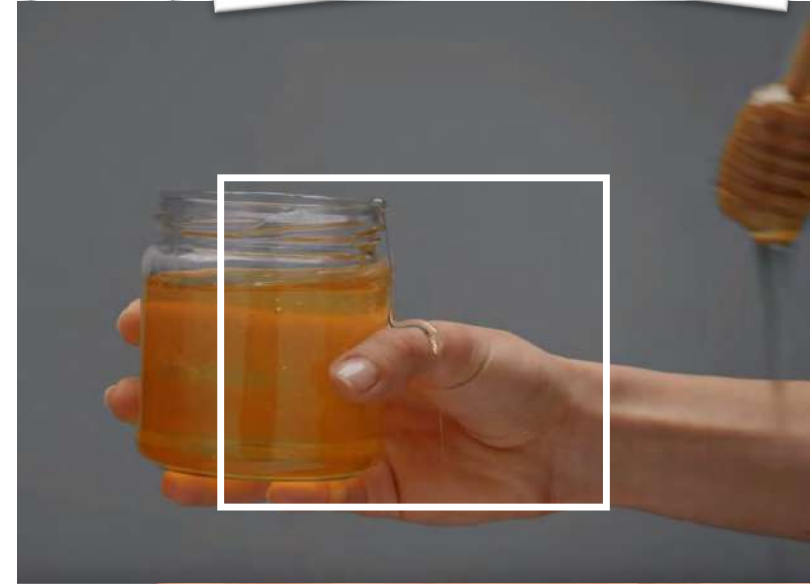
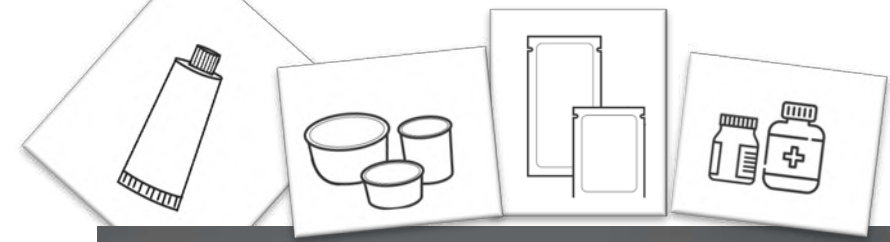
V-SHAPES WITH SIEMENS
THE RELIABLE REVOLUTION

CAN YOU **HAND** ME THE DRESSING?



What is on the market

- Problematic to open especially by elder and disabled people
- Low shelf-life due to air inside the packaging and/or no barrier properties
- Outdated technology
- Self-governing dispensing: product spill and contamination (non-hygienic results)
- Not suitable for high-end products
- Often not fully printable
- High shelf-space and transportation costs
- Higher material and packaging costs
- Low market acceptance and limited appreciation of the final consumer
- High competition between subcontractor companies = very low profits
- Higher machine cost compared to machine at the same production speed
- Higher operating costs of the machine – *i.e.* numerous stations to complete a bottle (bottle - cap - label, etc.)



V-Shapes offer for the market

V-Shapes has invented the easiest way in the world to open its single-portion packet. Until yesterday it took both hands to open one, with the consequent risk of soiling, spilling the contents and wasting the part that always remains in the packet.



Product Advantages



NEW

A brand new portion pack that solves the consumer experience's problems with its easy-to-use one hand opening system, while satisfying the demand of the changing market.



INNOVATIVE

An innovative, versatile portion pack that replaces all of the hard-to-open, 40-year old sachets on the market., granting customers more surface space for brand, higher shelf-life and safety management.



PATENTED

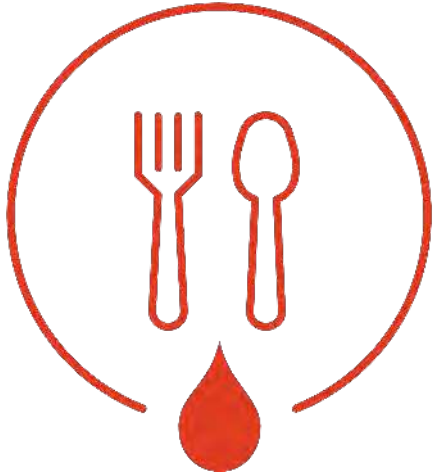
A patented one-hand-opening system handling any liquid, cream, or granular product thanks to the unique features of its latest technology.



SUSTAINABLE

Unique environmental multilayer technology, with bio-based and 100% compostable material to reduce pollution, waste and the overall environmental impact of plastics.

 Product range



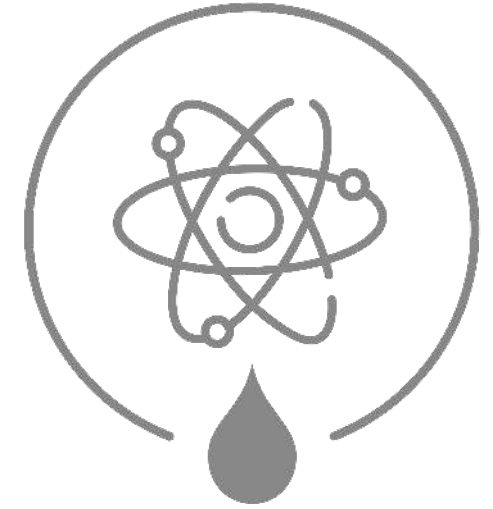
Food



Cosmetic



Medical/Pharma



Chemical

V-Shapes benefits

Circular Economy

Compostable



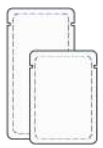
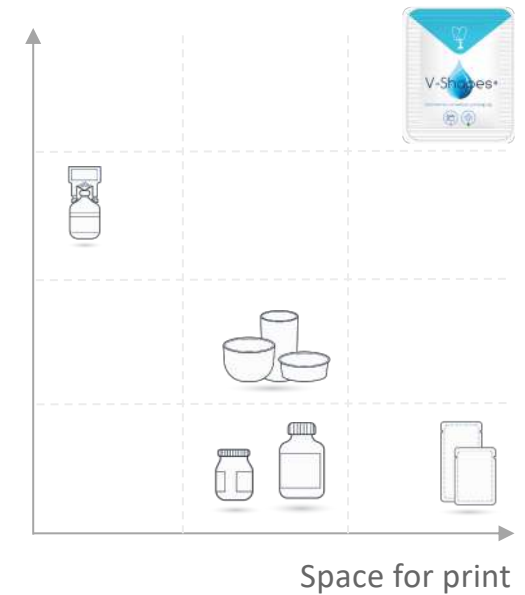
Logistics and Safety

Space saving



Brand Experience and Management

Easy to open



4-side sealed
Sachet



Thermoformed
Cups



Unit dose
Bottle



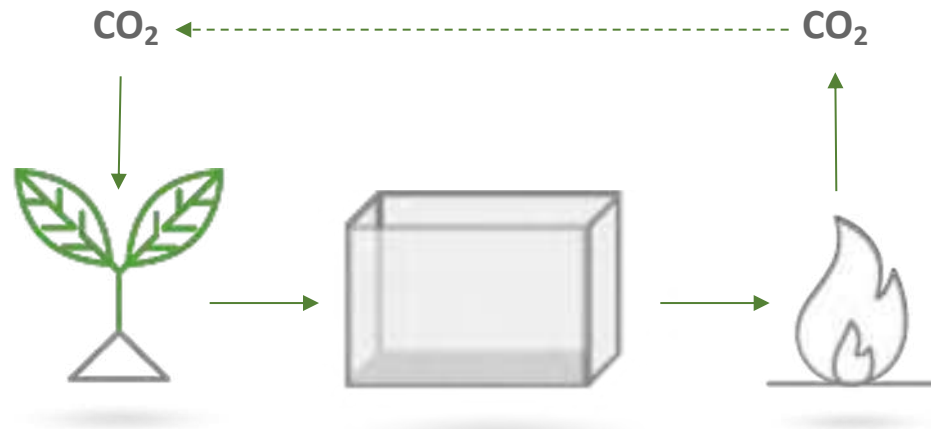
Unit-dose
Jars



Single-dose
Strip

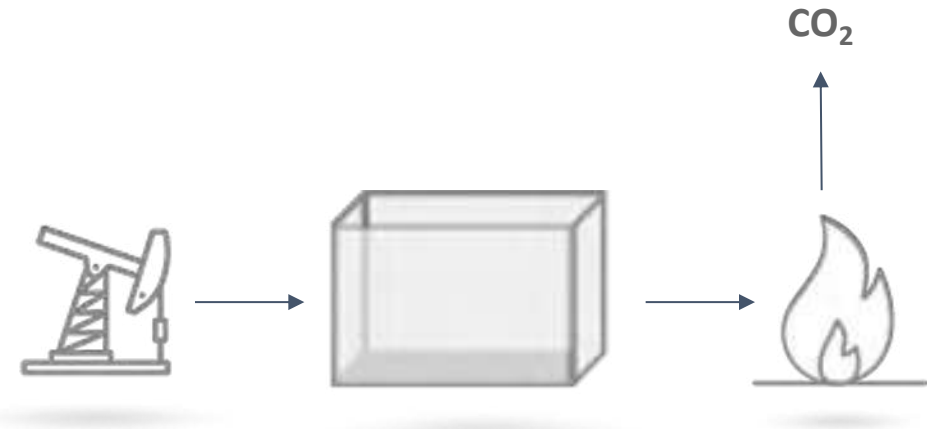
The carbon difference

Circular carbon



Carbon is taken from the atmosphere by plants, sequestered into products, and released back to the atmosphere via incineration

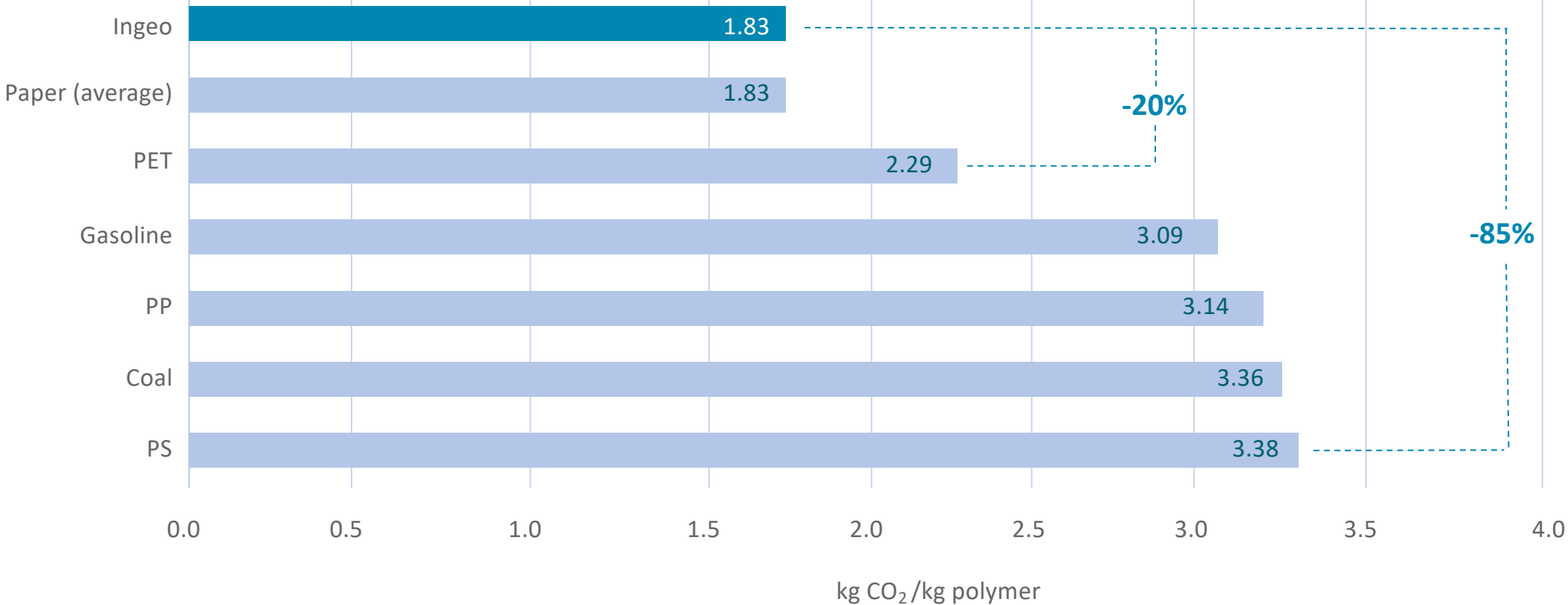
Linear carbon



Carbon is extracted from the ground, sequestered into products, and transferred to the atmosphere via incineration

The incineration impact

Ingeo and materials from renewable resources have the lowest CO₂ emissions in incineration



Available material choice



Compostable

The packaging material is fully compostable at industrial compost facilities.

- ❖ PBS - Polybutylene succinate
- ❖ METPLA - Metalized PLA
- ❖ NK - Compostable Film
- ❖ INGEO™ - Biopolymer



Bio-based

More than 80% of the packaging is made of renewable resources.

- ❖ PE - Polyethylene
- ❖ ALU - Aluminum
- ❖ PET - Polyethylene terephthalate
- ❖ INGEO™ - Biopolymer



Recyclable

The packaging is made from mono polymer material, which is easy to collect, sort and recycle.

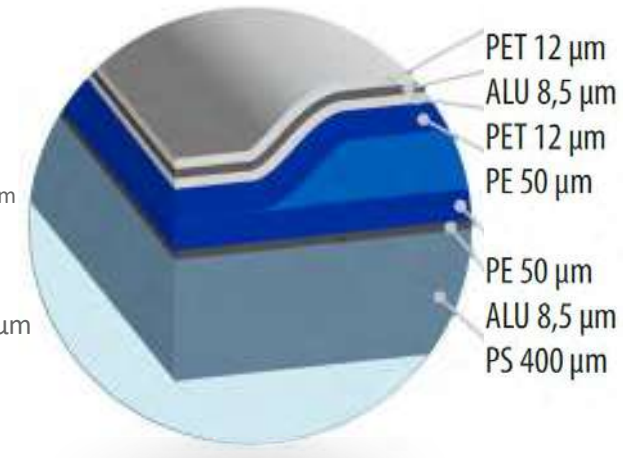
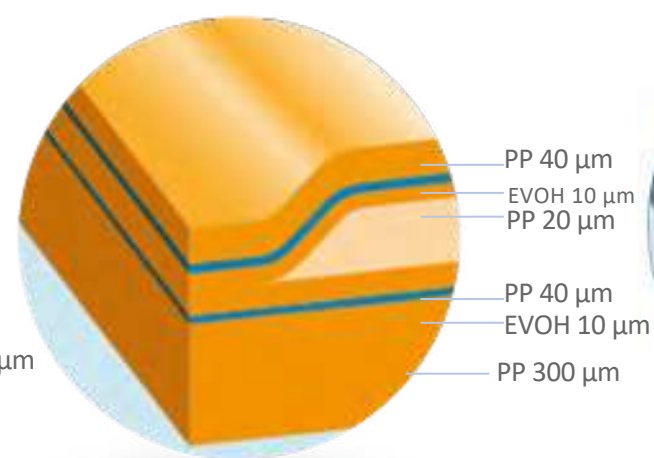
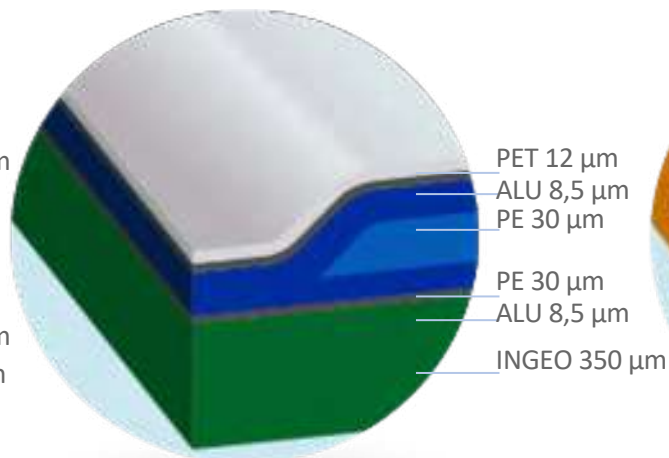
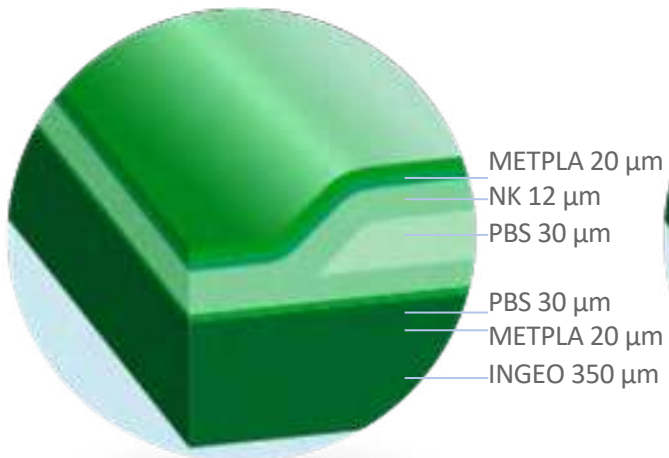
- ❖ PP - Polypropylene
- ❖ EVOH - Ethylene vinyl alcohol



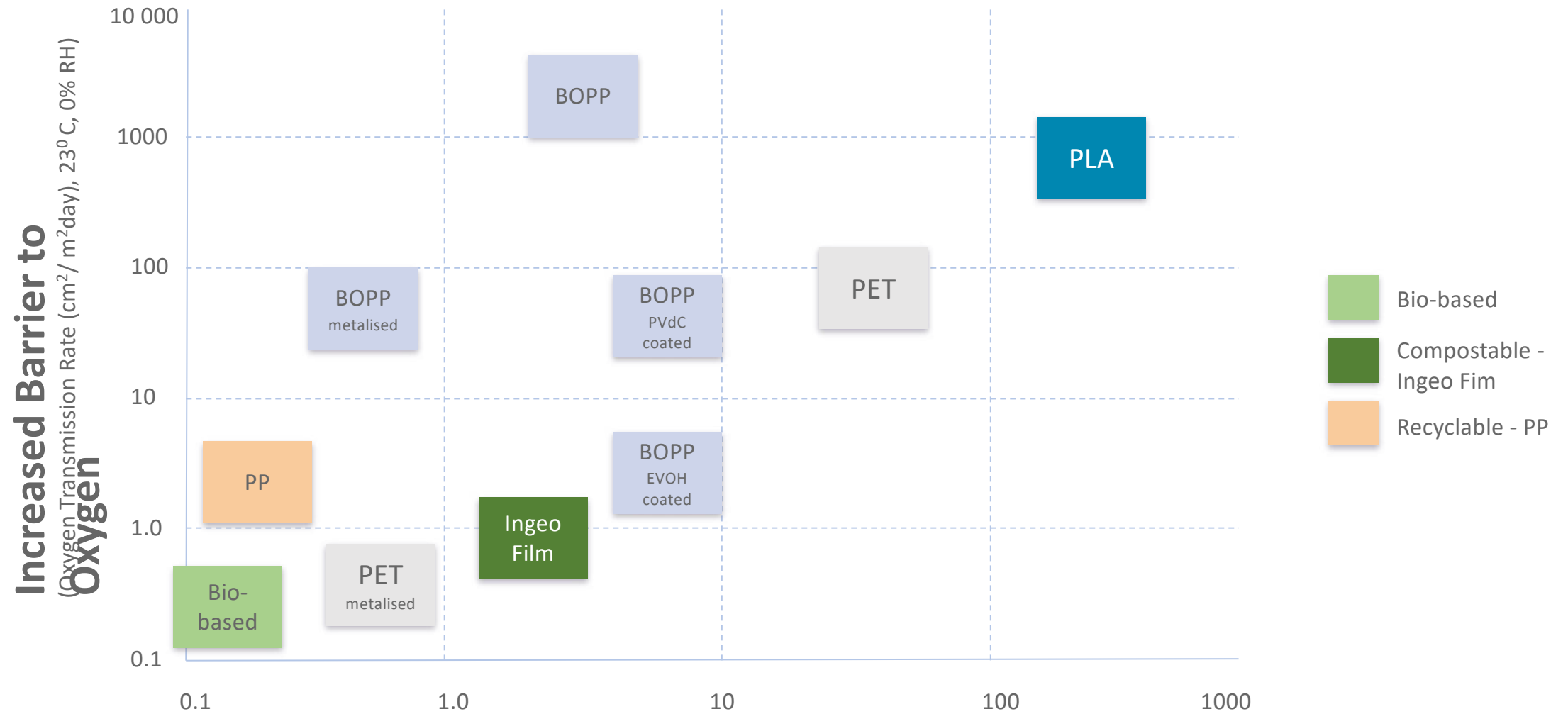
Alu based material

The packaging is made from mono alu based material, which is easy to collect, sort and recycle.

- ❖ PET - Polyethylene terephthalate
- ❖ ALU - Aluminum
- ❖ PE - Polyethylene



New multifunctional barrier structures



FROM



TO

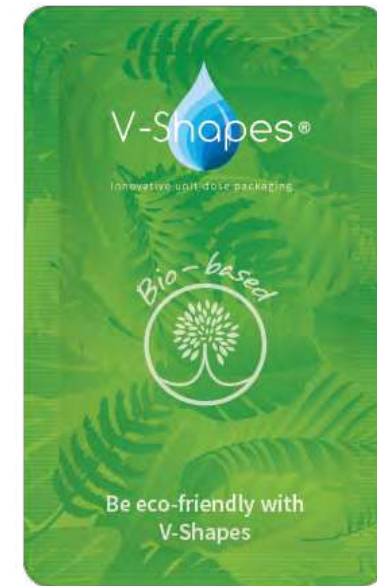


Most innovative single dose sachet

Most environmental friendly single dose sachet

With environmental friendly options

With innovations that stand out



V-Shapes benefits

Logistics and Safety

Brand Experience and Management

Circular Economy

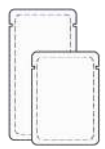
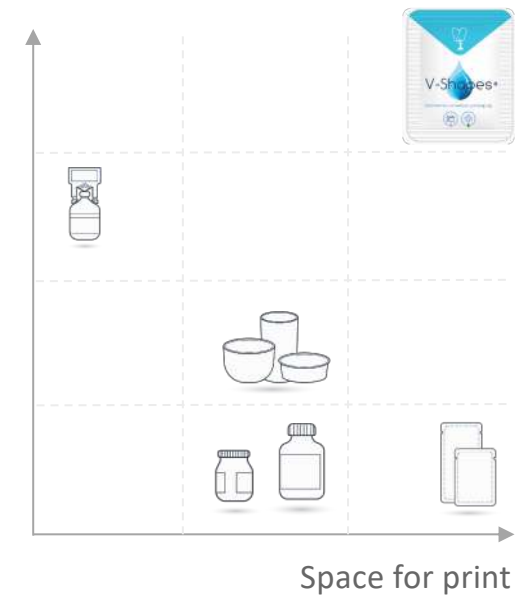
Compostable



Space saving



Easy to open



4-side sealed
Sachet



Thermoformed
Cups



Unit dose
Bottle

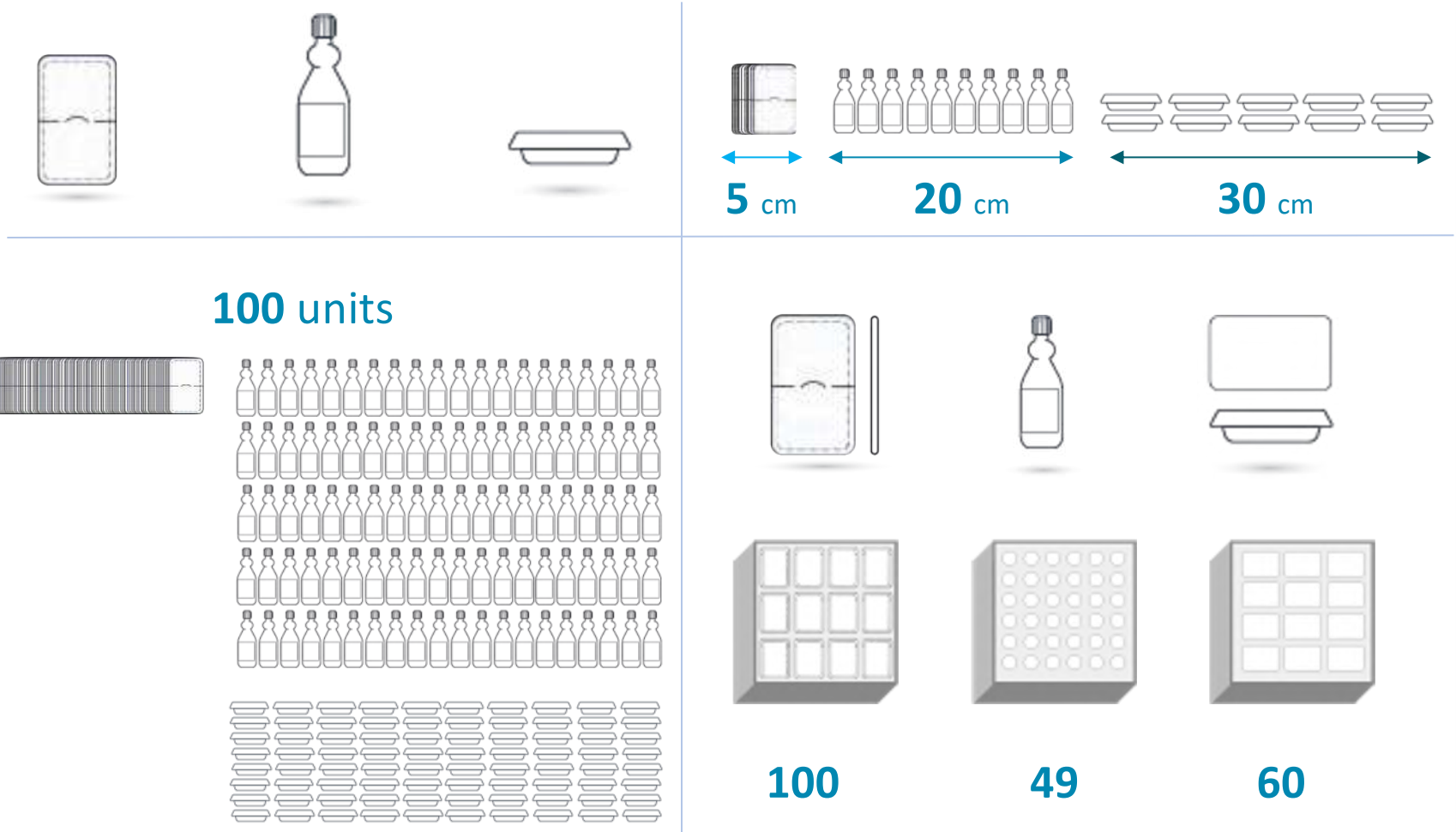


Unit-dose
Jars



Single-dose
Strip

Cost and environmental savings



Save
SPACE

Save
MONEY

V-Shapes benefits

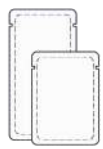
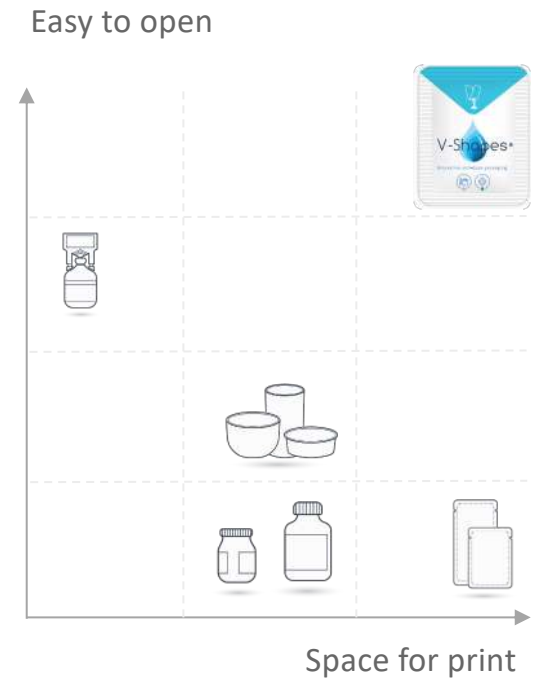
Circular Economy



Logistics and Safety



Brand Experience and Management



4-side sealed Sachet



Thermoformed Cups



Unit dose Bottle



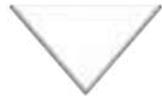
Unit-dose Jars



Single-dose Strip

Variety of customised opening functions

Insert image with sachet opening



Triangle

For precise applications, dispense of Liquid, Semi-liquid Products



Rectangular

Medium-high viscosity for Spread Applications



Halfmoon L

High viscosity Products, Cosmetic Creams, Honey



Halfmoon S

High viscosity Products, Cosmetic Creams, Honey



Zig-Zag

Powders, Granules



Double cut

Two-component Cosmetic Products

Some References



Food



Cosmetic



Chemical



Alpha Machine

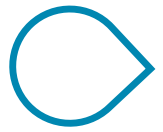
The technology of Alpha, our revolutionary packaging machine, has been developed in collaboration with Siemens.

Siemens systems represent the latest technology in Industry 4.0, helping to improve productivity, reliability, safety and data monitoring.

- High performance
- Intuitive HMI
- Cost effective
- Simple to use
- Patents



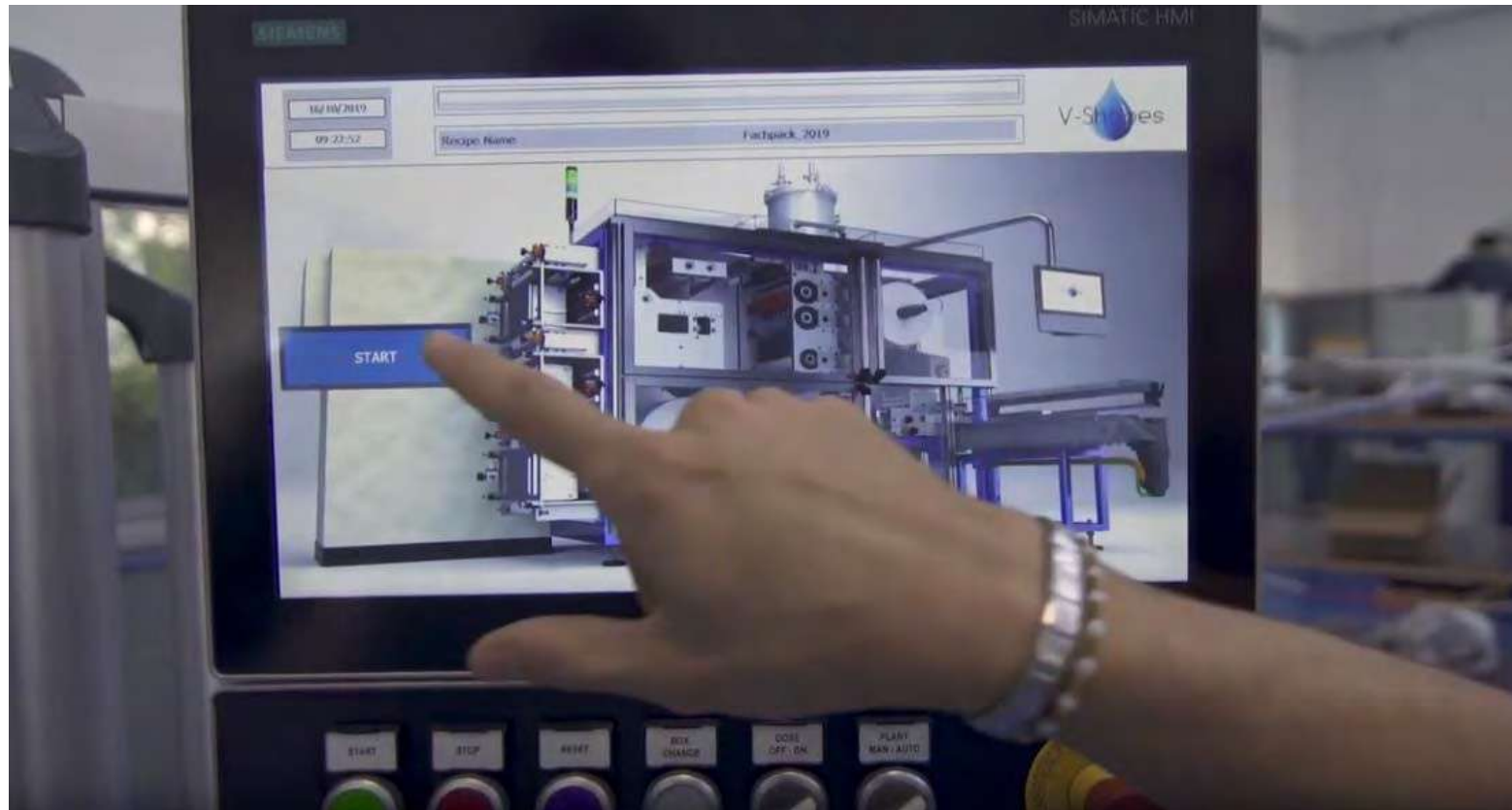
with Siemens technology **SIEMENS***
Ingegno per la vita



Training

We provide all the necessary technical support to help our customers properly, and easily, operate the machine. We offer easy, convenient tools and training with experienced and certified V-Shapes technicians.

[Watch the video](#)



Create your packaging

Discover how your fully customized portion pack sachet will look like with V-Shapes configurator.
Try it now!





V-Shapes

Innovative unit-dose packaging



THANK YOU
