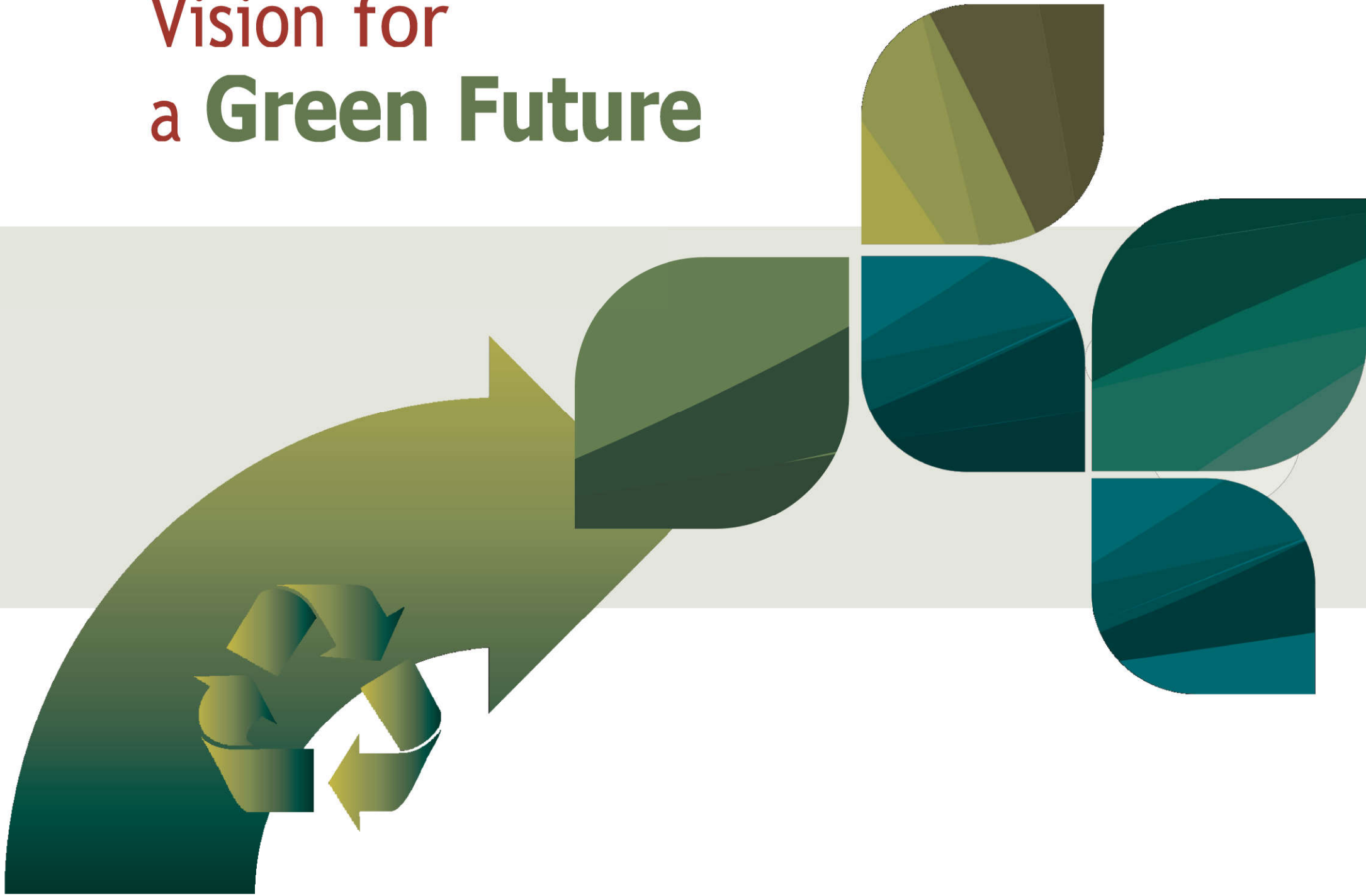
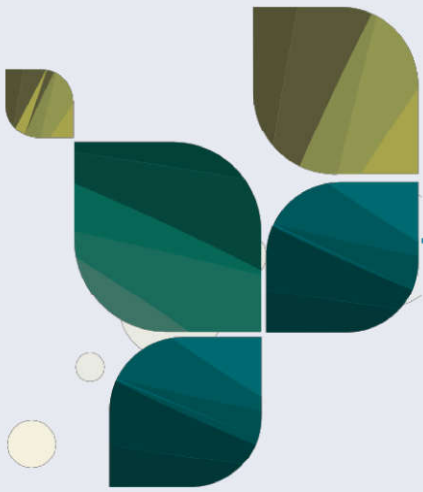


Vision for a **Green Future**





- Containers with hinged lid

- Salad and catering containers

- Containers rectangular

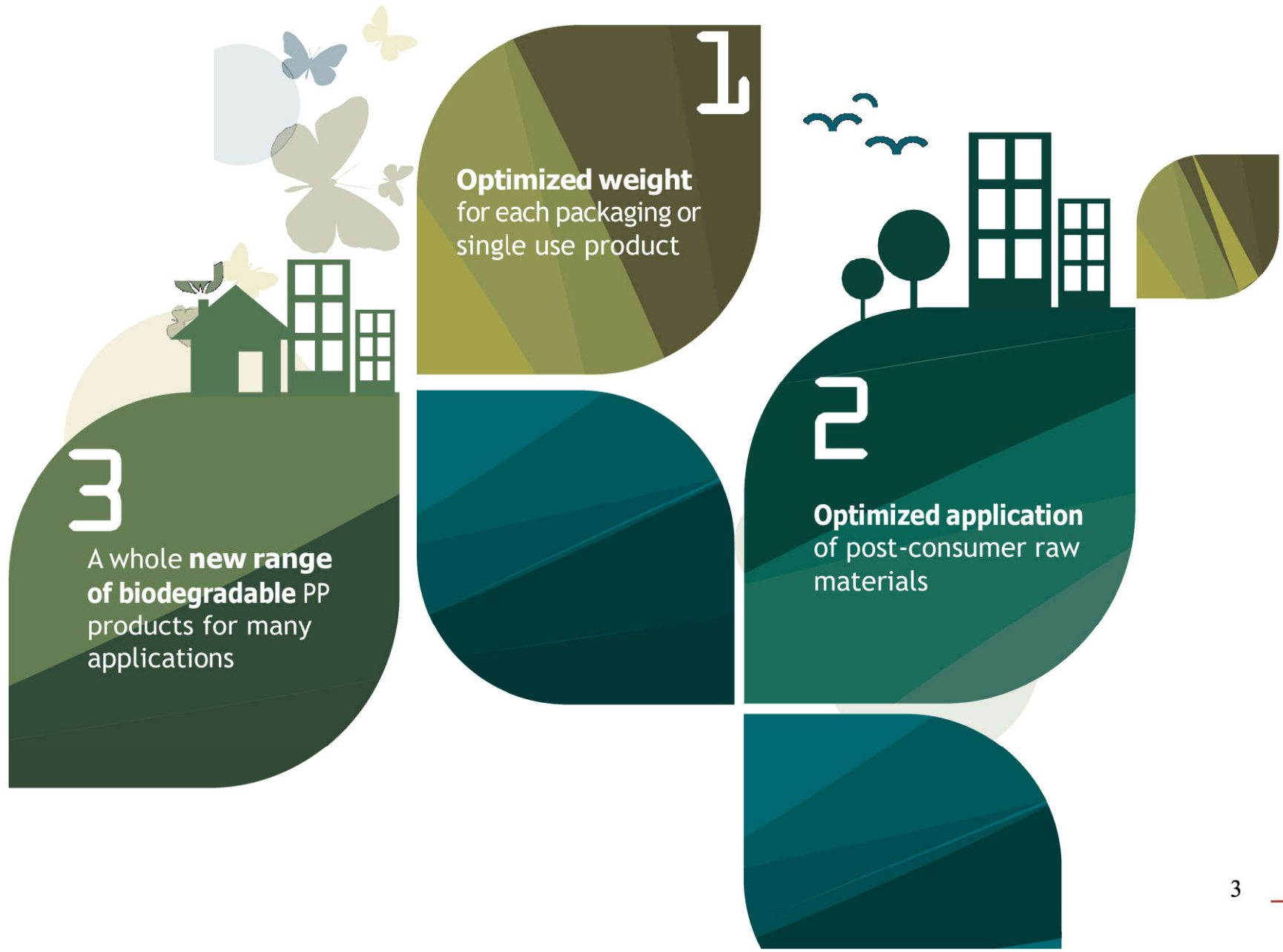
- Containers round

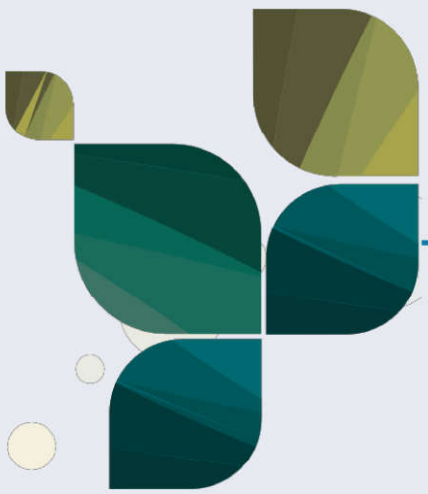
- Maps and trays

- Cups

- Yogurt cups

Sustainable plastic packaging





Sustainable plastic packaging

We apply the latest development
in production of plastic packaging
together with

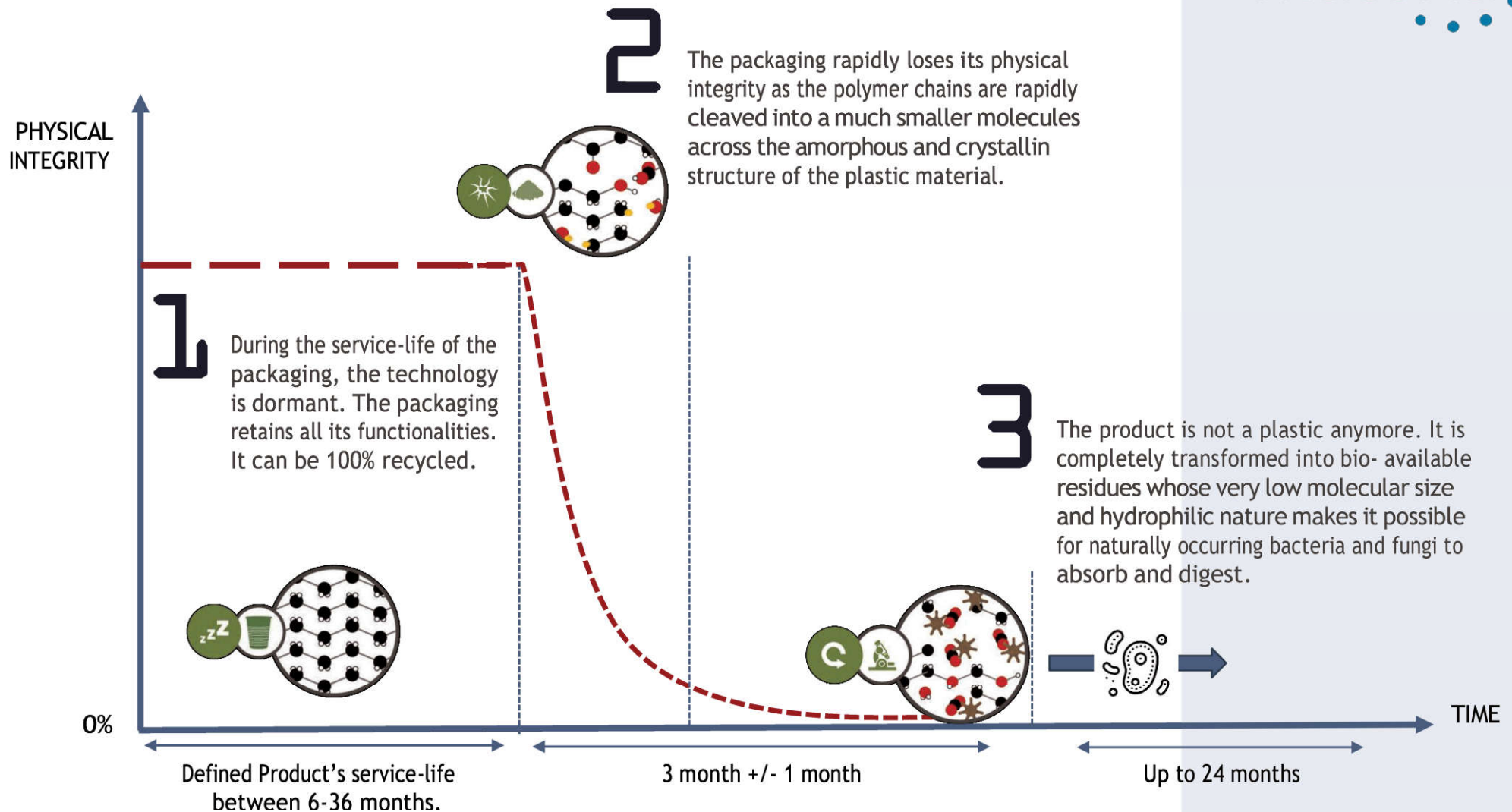


Polymateria's revolutionary Biotransformation technology is a new approach to ensuring that plastic, which has escaped reuse or recycling streams, can fully biodegrade in the natural environment.

Product range COMPOSTED

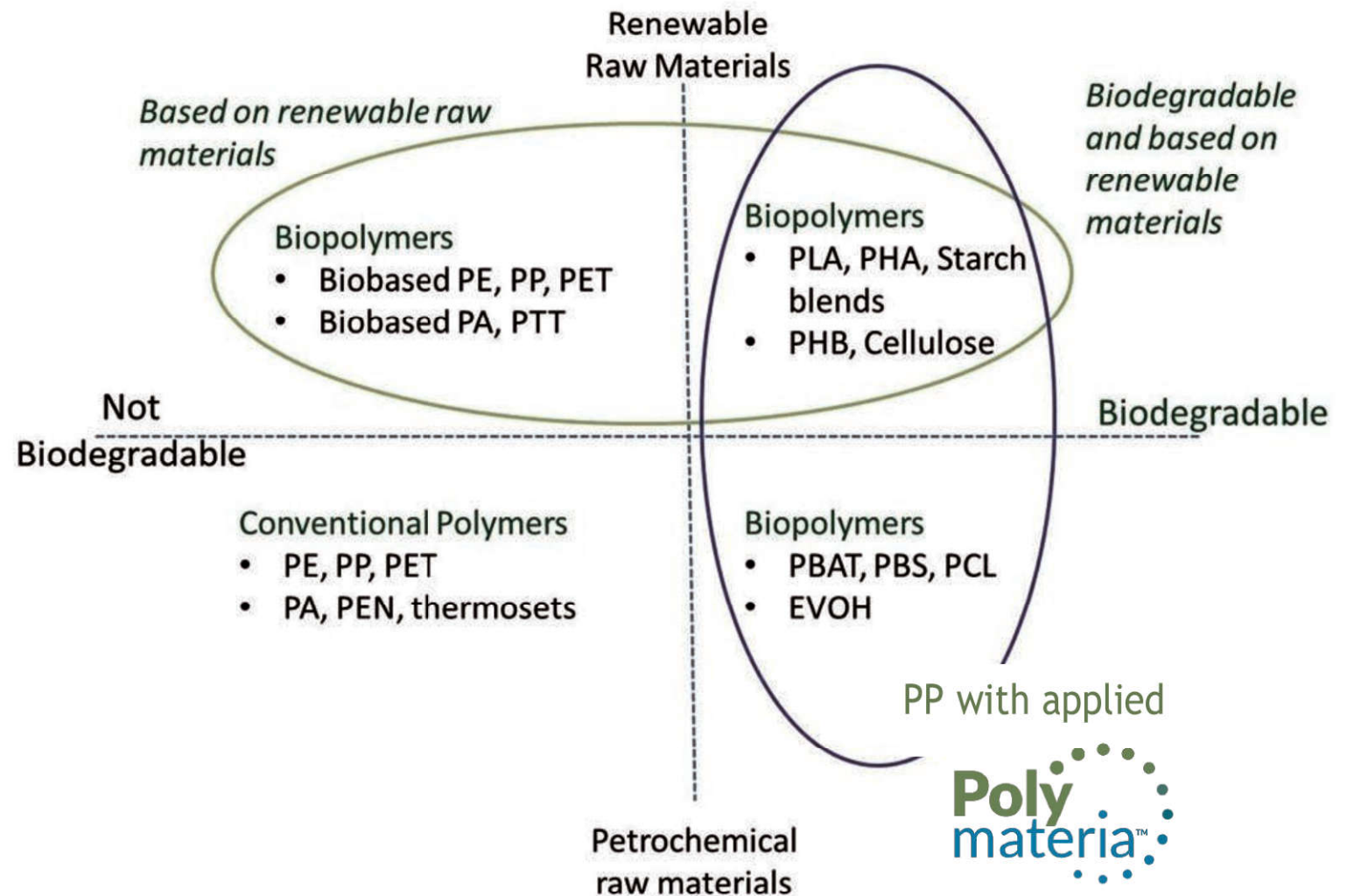


How does it work?



Our vision of a green future

Clear view



How does it work?



1 Dormant application

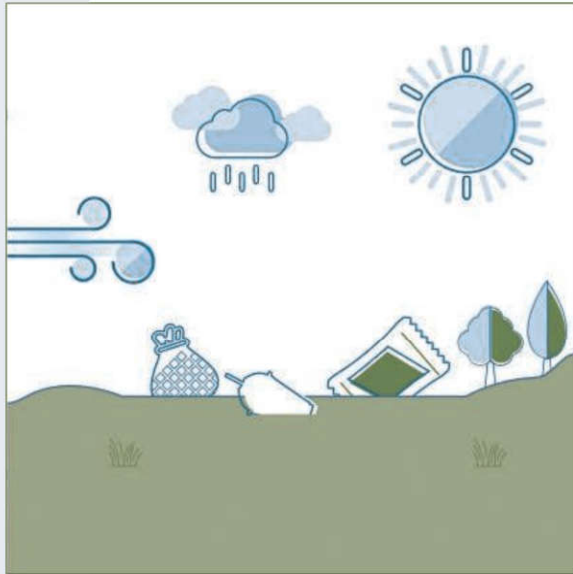
Giving recycling every chance to happen and maintaining full shelf lives during the life of the packaging, our proprietary formulation lies dormant - users wouldn't even know it's there (the way it should be).



2 Chemical transformation

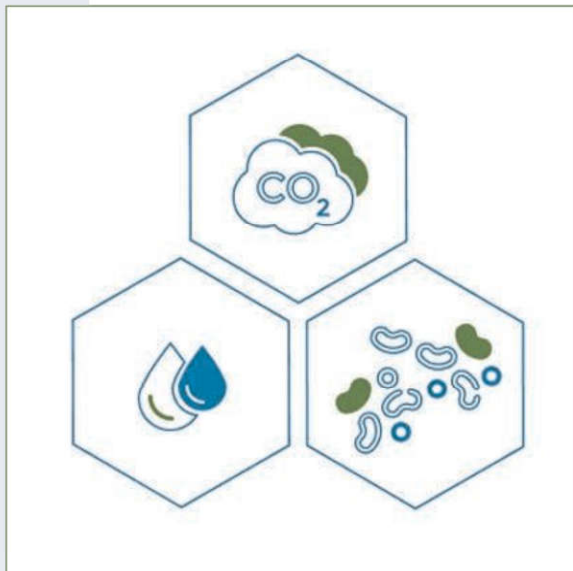
In line with the agreed timing, the formulation gets to work by triggering a catalytic process that actively targets the crystalline regions within polymer chains to radically cleave them apart.

How does it work?



3 Biological consumption

With a reduction in length of the carbon chains, nature is able to reengage with the product as it is handed back its ability to decompose within the environment via nature's four agents of decay - light, air, moisture and microbes.



4 No microplastics

Our technology results in absolutely no microplastics whatsoever. All that's left is carbon dioxide, water and microbes (biomass).

No microplastic left behind



- Through the process of Biotransformation we can show full biodegradation for a Polypropylene Container - this is how we avoid the creation of microplastics.
- Patented proprietary technology.
- “Catalytic process” that chemically transforms the polymer chains into biocompatible oligomers.
- Builds on the synergism of all relevant agent of decay (air, moisture, light, heat) to efficiently breakdown the polymer chains.
- Innovative use of prebiotic activators to draw in and stimulate microorganism activities at an early stage.
- Allows time-controlled onset of degradation.
- Bespoke solutions tailored to client’s product profile, application and service life.
- Over 90% biodegradation rate achieved.
- No potential harm to the environment across the entire process.

Containers: Product range COMPOSTED

Applicable for the whole PP range of products



HLP - range of PP Containers with hinged lid

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
120/120/45	250	PP	transp.	yes	1000	15
120/120/62	375	PP	transp.	yes	1000	15
130/130/62	500	PP	transp.	yes	900	15
190/130/55	750	PP	transp.	yes	600	15
190/130/73	1000	PP	transp.	yes	600	15



Salad and catering containers

Container rectang 3l / 1,5l 280/180 PP Kenar

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
280/180/100	3000	PP	transp./ colored	no	160	16
280/180/50	1500	PP	transp./ color	no	160	16



Salad and catering containers

Container rectang 1l / 0,750 / 0,500 181/132 PP transp

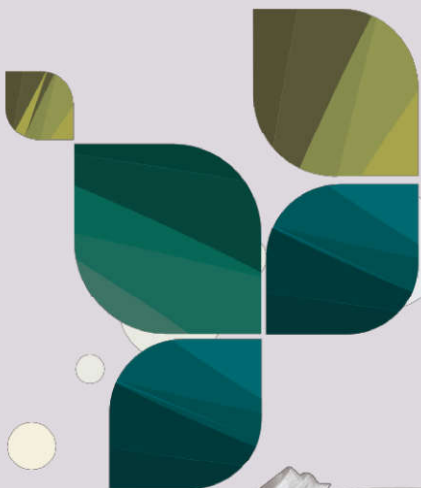
Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
181/132/60	1000	PP	transp.	yes	500	16
181/132/50	750	PP	transp.	yes	500	16
181/132/35	500	PP	transp.	yes	500	16



Salad and catering containers

Container rectang 0,400 / 0,250 137/95 PP transp

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
137/95/70	400	PP	transp.	yes	1200	20
137/95/45	250	PP	transp.	yes	1200	20



Container round 0,500/ 0,350/ 0,250/ 0,200 Ø115 PP transp

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
Ø115/75	500	PP	transp.	yes	1000	16
Ø115/65	350	PP	transp.	yes	1000	16
Ø115/60	300	PP	green	yes	1000	16
Ø115/50	250	PP	transp.	yes	1000	16
Ø115/45	200	PP	transp.	yes	1000	16



Container round 0,500/ 0,300/ 0,250 Ø101 PP transp

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
Ø101/100	500	PP	transp./ coloured	yes	1000	20
Ø101/70	700	PP	transp./coloured	yes	1000	20
Ø101/64	300	PP	transp./coloured	yes	1000	20
Ø101/55	250	PP	transp./coloured	yes	1000	20
Ø101/50	200	PP	transp./coloured	yes	1000	20
Ø101/28	125	PP	transp./coloured	yes	1000	20



Map trays: **Product range COMPOSTED**



Applicable for the whole PP range of products



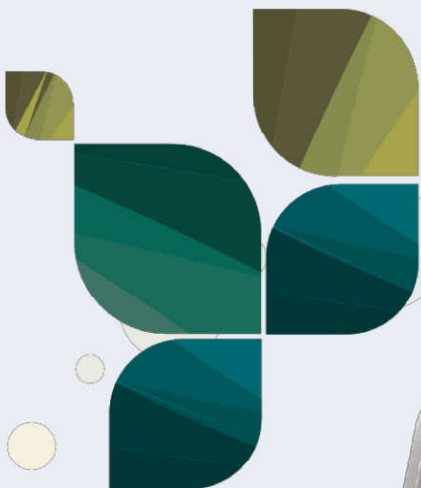
Map 187x137

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/box	Boxes/pall
187/137/83	1345	PP	transp./coloured	yes	450	20
187/137/71	1165	PP	transp./coloured	yes	450	20
187/137/63	1065	PP	transp./coloured	yes	450	20
187/137/50	865	PP	transp./coloured	yes	480	20
187/137/37	655	PP	transp./coloured	yes	480	20
187/137/35	550	PP	transp./coloured	yes	480	20
187/137/25	443	PP	transp./coloured	yes	480	20



Map 190x144

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/box	Boxes/pall
190/144/40	780	PP	transp./coloured	no	450	20
190/144/50	965	PP	transp./coloured	no	450	20
190/144/60	1140	PP	transp./coloured	no	450	20



Map 227x178

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/box	Boxes/pall
227/178/90	2535	PP	transp./ coloured	yes	280	20
227/178/80	2285	PP	transp./coloured	yes	280	20
227/178/65	1905	PP	transp./coloured	yes	300	20
227/178/60	1775	PP	transp./coloured	yes	300	20
227/178/50	1495	PP	transp./coloured	yes	320	20
227/178/40	1215	PP	transp./coloured	yes	320	20
227/178/36	1100	PP	transp./coloured	yes	320	20
227/178/15	490	PP	transp./coloured	yes	400	20



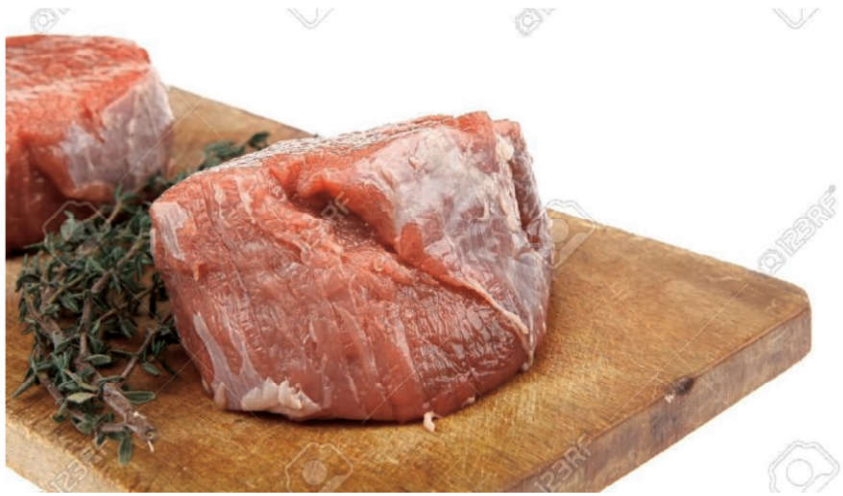
Map 227x178, 2 compartments

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/box	Boxes/pall
227/178/50 2C	630+ 525 = 1155	PP	black/white	yes	600	20



Map 275x175

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/box	Boxes/pall
275/175/60	2100	PP	transp./ coloured	no	300	16
275/175/50	1780	PP	transp./coloured	no	300	16
275/175/40	1435	PP	transp./coloured	no	300	16



Map 325x265

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/box	Boxes/pall
325/265/100	6165	PP	transp./ coloured	yes	90	16
325/265/90	5605	PP	transp./coloured	yes	90	16
325/265/80	5015	PP	transp./coloured	yes	90	16
325/265/63	4100	PP	transp./coloured	yes	100	16
325/265/60	3825	PP	transp./coloured	yes	100	16
325/265/50	3200	PP	transp./coloured	yes	100	16
325/265/40	2575	PP	transp./coloured	yes	100	16
325/265/30	1965	PP	transp./coloured	yes	100	16



Map 230x145

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/box	Boxes/pall
230/145/100	2160	PP	transp./ coloured	no	450	20
230/145/80	1785	PP	transp./coloured	no	450	20
230/145/70	1595	PP	transp./coloured	no	450	20
230/145/65	1490	PP	transp./coloured	no	480	20
230/145/60	1390	PP	transp./coloured	no	480	20
230/145/50	1175	PP	transp./coloured	no	480	20
230/145/40	955	PP	transp./coloured	no	480	20
230/145/36	880	PP	transp./coloured	no	480	20
230/145/30	725	PP	transp./coloured	no	480	20
230/145/30	604	PP	transp./coloured	no	480	20

Map 250x180

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/box	Boxes/pall
250/180/35	-	PP	transp.	no	400	15
250/180/45	-	PP	250/180/115	no	400	15
250/180/60	-	PP	250/180/115	no	400	15
250/180/115	-	PP	250/180/115	no	360	15

Drinking Cups: **Product range COMPOSTED**



Applicable for the whole PP range of products



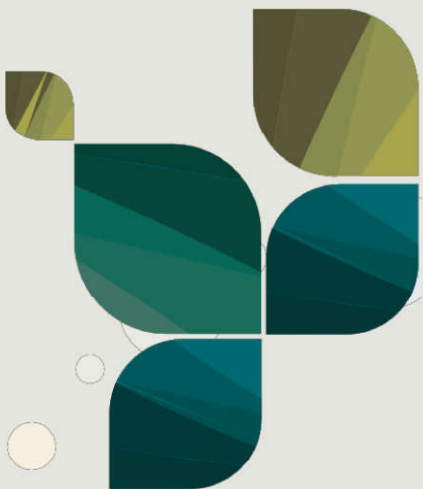
Cup Ø80/ 350 ml, 300 ml, 250 ml PP

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
Ø80/118	350	PP	transp.	no	2500	20
Ø80/110	300	PP	transp.	no	2500	20
Ø80/110	250	PP	transp.	no	2500	20



Cup Ø95/ 560 ml PP

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
Ø95/138	560	PP	transp.	no	1200	16



Cup Frappe PP transp

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
Ø95/110	300/400	PP	transp.	yes	1000	16
Ø95/121	400/500	PP	transp.	yes	1000	16



Cup Ø70/ 180 ml, 200 ml, 220 ml PP

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
Ø70/ 98	220	PP	transp.	no	3000	24
Ø70/ 98	200	PP	transp.	no	3000	24
Ø70/ 82	180	PP	transp.	no	3000	30



Yogurt Cups: **Product range COMPOSTED**



Applicable for the whole PP range of products



Yogurt Cup Ø80/ 350 ml, 300 ml, 250

Dimension (mm)	Volume (ml)	Material	Colour	Lid	Pcs/ box	Boxes/pall
Ø95/115	400	PP	white	no	800	20

