

The PlastiLoop logo, featuring the word "PlastiLoop" in a bold, sans-serif font. "Plasti" is in purple and "Loop" is in teal.

**THE PARTNER  
FOR YOUR  
ECOLOGICAL  
TRANSFORMATION  
OF PLASTICS**

## RECYCLING PLASTICS:

## AN ECOLOGICAL EMERGENCY



Almost  
**X3**

increase  
in global plastic  
production  
by 2060  
if no change



**3<sup>rd</sup>**

plastic is now  
the third most  
manufactured  
material  
in the world



**350+**  
million metric tons

annual production  
of  
plastic waste



**81%**

plastics  
put into circulation  
that become  
waste  
in one year



Less  
than **10%**

world's plastic  
produced  
that is  
currently  
recycled

## STEPPING UP THIS CHALLENGE

**WITH PlastiLoop**

by **VEOLIA**



**30+** years

experience  
in  
plastics  
recycling



**300+**

industrial clients  
supported for  
their ecological  
transformation  
of plastics



**610** kt

circular  
polymers  
production  
target  
for 2023



Nearly **40**

plastic  
recycling  
plants  
worldwide



**1,000+**

jobs  
in our plastic  
recycling  
plants



# “ PLASTILOOP: THE PARTNER FOR YOUR ECOLOGICAL TRANSFORMATION OF PLASTICS ”

**CHRISTOPHE MAQUET**

Senior Executive Vice President - Asia-Pacific

EXCOM sponsor for Plastic Recycling

**Thanks to their properties, plastics have revolutionised our daily life and made it much easier.** However, without proper collection and recycling, plastics affect our environment, harm the planet and have a long-lasting impact on ecosystems. It is one of the main environmental challenges we have to tackle today.

**This is why, at a time when the ecological emergency is becoming a major issue, many companies have decided to act to limit the used volumes of virgin resin and to accelerate the transition towards a circular economy for plastics.**

In the context of numerous regulatory implementations, brands and customers deeply reinvent production and consumption habits. Circular polymers are now recognised as a valuable solution for a responsible use of plastics, reduced carbon footprint and more resource savings. These are all arguments to which stakeholders, whether shareholders, investors, customers, citizens or public authorities, are highly aware.

**In order to support our industrial clients in their transformation, Veolia is proud to announce the launch of PlastiLoop, our new brand of ready-to-use circular polymers.**

Thanks to the combination of a wide network of experts and years of experience, PlastiLoop is offering a unique and structured range of resin grades, addressing the needs of our industrial clients for many of their applications, even for the most stringent standards applicable on their markets. Our solution provides a customised approach for each industry. With PlastiLoop, we ensure reliable sourcing and guaranteed performance tailored to your products.

**We are committed to being your long-term partner to help you meet your commercial, industrial and environmental challenges.** More than ever, with PlastiLoop, Veolia strives to be, with you, the champion of ecological transformation.

# HOW **WE CAN** BRING YOUR **PLASTIC TRANSITION** TO LIFE

Based on a wide variety of resins, the PlastiLoop range of circular polymers is backed by proven industrial processes and a truly responsible approach. Here is an overview of the benefits for you.



## → Providing you with ready-to-use, high-performance products

**PlastiLoop is designed to help you succeed in your industrial challenges wherever you are in the world.** We supply a large range of circular polymers with performance levels that meet the diversity of your needs and your customers' requirements. We can even provide food grade resins. Upon receipt, you can integrate our fit for purpose products into your manufacturing process.



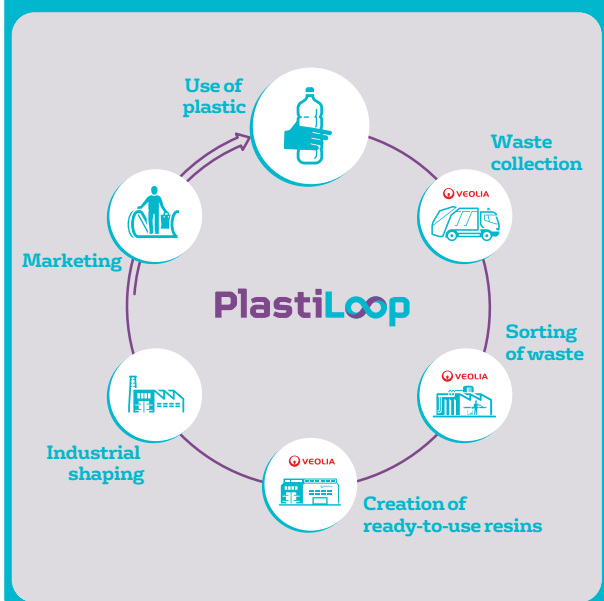
## → Guaranteeing the reliability and quality you expect

**PlastiLoop offers you high quality products with properties that meet your technical requirements and fit consistently into your industrial production chain.** Veolia has substantial expertise from upstream to downstream and perfectly masters and secures the full recycling value chain. Our activities start at waste collection, and using our high tech factories continue through separation, shredding, washing, compounding, and extrusion, to which post-treatment steps can potentially be added. We strictly select raw materials and ensure quality control of PlastiLoop products. All of these steps are necessary to manufacture ready-to-use circular polymers.



## → Supporting you in meeting your environmental challenges

By nature, **PlastiLoop** is your partner to accelerate the transition to a circular economy for plastics. By opting for our circular solutions, you reduce the volume of virgin plastic used, limit the consumption of natural resources and reduce your CO<sub>2</sub> emissions by more than 70%. This way, you optimise your environmental footprint without compromising the quality of your products.



## → Helping you to combine economic stakes with a virtuous circular economy

Through the proposed solutions, **PlastiLoop** strives to integrate the challenges of your business and to partner with you in structuring local and sustainable value chains. Together, we transform plastic waste into raw material for your high-end products. Depending on the characteristics of your market, your requirements and your CSR commitments, we can offer you different sustainable business models. It is an opportunity to mitigate your exposure to oil price fluctuations. By giving value to recycled plastics, you are clearly making the choice for the environment.



## → Enabling you to satisfy your customers' demand for change

**PlastiLoop** is a responsible and sustainable response to your customers' growing ecological concerns. Aware of the climate emergency, they are also highly concerned about reducing plastic pollution. They are now looking to redirect their consumption and favour products with a controlled and traceable environmental footprint. Thanks to **PlastiLoop**, you can soon offer your customers a flagship product made from circular polymers.

# A CUSTOMISED APPROACH TO MEET YOUR NEEDS

Working alongside you, our experts support your circular economy strategy and the successful integration of recycled resins. With our extensive product range and continuous developments, we strive to meet all of your expectations.

## → CUSTOMERS SAY IT BETTER THAN WE DO



“

*Together with Veolia, we have created the first closed-loop for polypropylene flower pots. Veolia collects the used plastic pots that our customers drop off in our shops and recycles them into pellets that are then transformed into new flower pots. In a truly ecological approach, our products are **100% recycled and 100% recyclable**, which saves resources.*”

A CHAIN OF GARDEN CENTRES

“

*Since 2010, we have been implementing a strategy to use recycled plastic in our products, which represents up to **three times less CO<sub>2</sub> emissions** than virgin plastic. Veolia quickly convinced us that they were the good partner to meet our objectives and requirements. Among others, its presence as operator for the local WEEE Extended Producer Responsibility scheme was a decisive contribution to set a closed loop post consumer solution. After a development and test phase during which many technical challenges have been overcome, our first products incorporating recycled material were put on the market. Within the company, recycled plastic is now seen as being a major plus in terms of customer value.*”

A WORLD LEADER IN

SMALL HOUSEHOLD EQUIPMENT



“

As an automotive supplier with an industry-leading portfolio in sustainable materials, we are uniquely positioned to provide innovative solutions to carmakers and their customers. By combining our innovation and industrial forces with Veolia, we will accelerate the introduction of breakthrough sustainable materials and their time-to-market, as well as contributing to reducing plastic waste and strengthening the circular economy. ”

A GLOBAL LEADER IN  
AUTOMOTIVE TECHNOLOGY



“

We are committed, as pioneers of the circular economy, to support local authorities in solving the plastic waste challenge. We have therefore entered into a long-term partnership with Veolia, which has built a dedicated PET recycling plant, enabling us to **triple the content of recycled PET in our bottles**. There is a double benefit: it increases the collection and local recycling of plastic waste and provides our customers with more environmentally friendly plastic bottles. ”

A WORLD LEADING  
FOOD COMPANY

“

Thanks to the recycled resins that Veolia has been faithfully supplying us for many years, we are manufacturing high-performance products, dedicated in particular to the treatment of rainwater, which perfectly meet our requirements and quality controls. This reduces our carbon footprint and gives us lighter modules with the advantage of also being recyclable. ”

A LEADING MANUFACTURER OF CONSTRUCTION MATERIALS



# AN OFFER TARGETING VARIOUS BUSINESS SECTORS

The high performance circular polymers we produce can be directly integrated into the industrial production chain of many business sectors.

“

*In order to best support our customers over the long term, we provide them with plastic collection and recycling solutions that aim to reduce their reliance on virgin resins and to accelerate their transition to a circular plastics economy.*

*Our laboratories design advanced recycling formulations to consistently meet the standards and performance that our customers expect for their products. Once the process has been mastered and complies with their requirements, we proceed with the actual production of recycled plastics in our plants.*

*Our unique expertise enables us to meet a wide range of industrial needs and to offer series and grades that are fully adapted to our customers' commercial and technical specifications.*

*We work with more than 300 customers from many industries. We help them to achieve their sustainability goals and to contribute to the ecological transformation. We reduce the leakage of plastics into the environment. We combat climate change. We preserve the resources.* ”



**SVEN SAURA**

Vice President for Recycling and Recovery of Solid Waste

Pipes & profiles

Water Management

Membranes & casing

Spacers



Crates & Boxes

Buckets

Drums & IBC

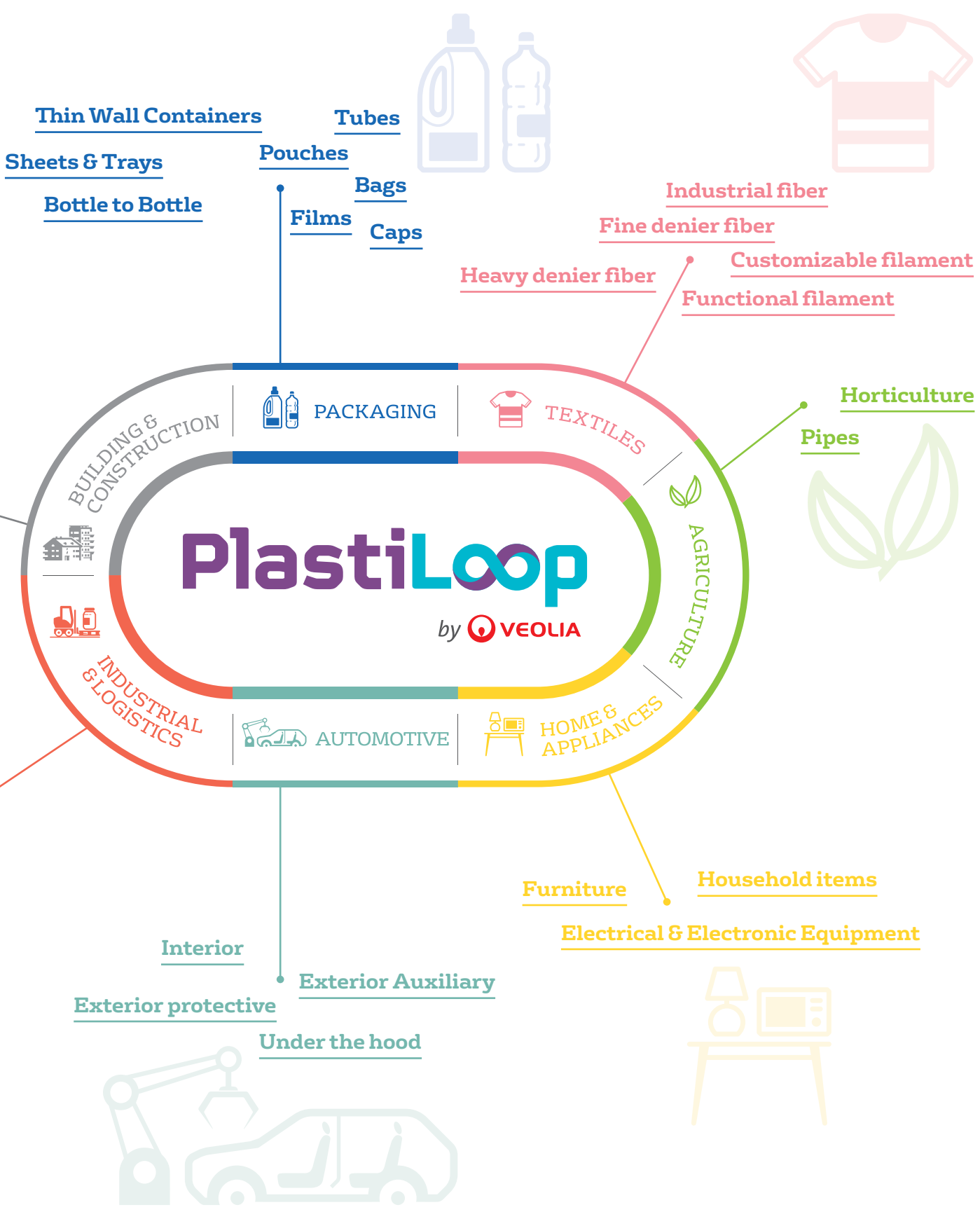
Waste Bins

Pallets & Material handling

Wrapping

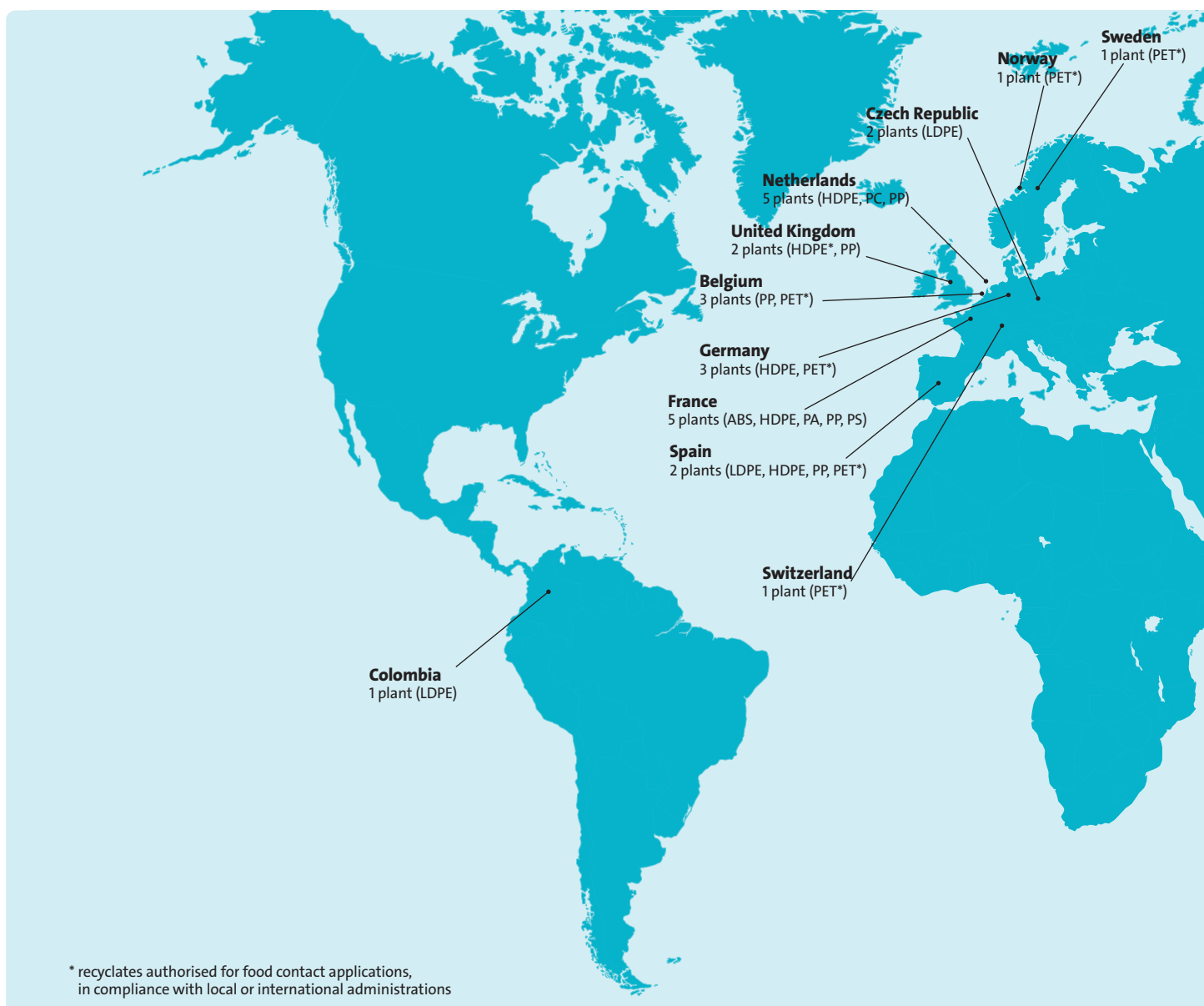






# GLOBAL PRESENCE, LOCAL EXPERTISE

**At Veolia, we are global but local.** As the world leader in ecological transformation, we operate nearly 40 plants dedicated to recycling plastics. Located close to your value chain, in Europe and Asia, they allow us to meet all your needs anywhere in the world.





**With our global network of recycling plants and our strong presence in Europe and Asia,** we work closely with you in your markets to provide reliable long-term support. Our approach, based on transparency and cooperation, aims to put in place the collection and recycling systems that will provide you with ready-to-use, high-performance resins. By working with Veolia, you are guaranteed high quality expertise and a partner who understands your industrial, technical and commercial challenges and the fundamentals of your value chain.

Country	Number of Plants	Plastic Types
South Korea	6	MMA, PP
Japan	5	HDPE, PP, PS, PET*
China	3	HDPE*, PET*, PP*
Indonesia	1	PET*

**CONTACT-US**

Our teams are at your disposal worldwide to help you succeed in your plastic transition with PlastiLoop.

[www.plastiloop.veolia.com](http://www.plastiloop.veolia.com)

December 2023

“ **With PlastiLoop, your company is taking a proactive and sustainable step towards the plastic transition. The high-quality circular polymers supplied by Veolia fit perfectly into your industrial production chain.** ”



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Resourcing the world