



Goodbye Landfills
Adiós Incineration
Welcome Clariter

CHALLENGE

Today plastic waste is a global epidemic, according to the UN. The limits of recycling mean that municipalities and waste handlers dump or burn waste. Constantly changing new regulations make the situation even harder to handle. Finally, brand owners face rising consumer demands for cleaner and sustainable solutions.

OPPORTUNITY

Plastic waste is a resource too valuable to be wasted. Plastic is not “bad”, if you know how to handle it. Transforming waste into value is a win-win for all involved: it treats the plastic pollution problem while creating exciting business opportunities.

Clariter products have multitude of consumer end-products, performing flawlessly and are up to the highest standards. Our products are key components in many everyday applications: from candles, degreasers and lubricants to advanced materials for coatings and homecare.

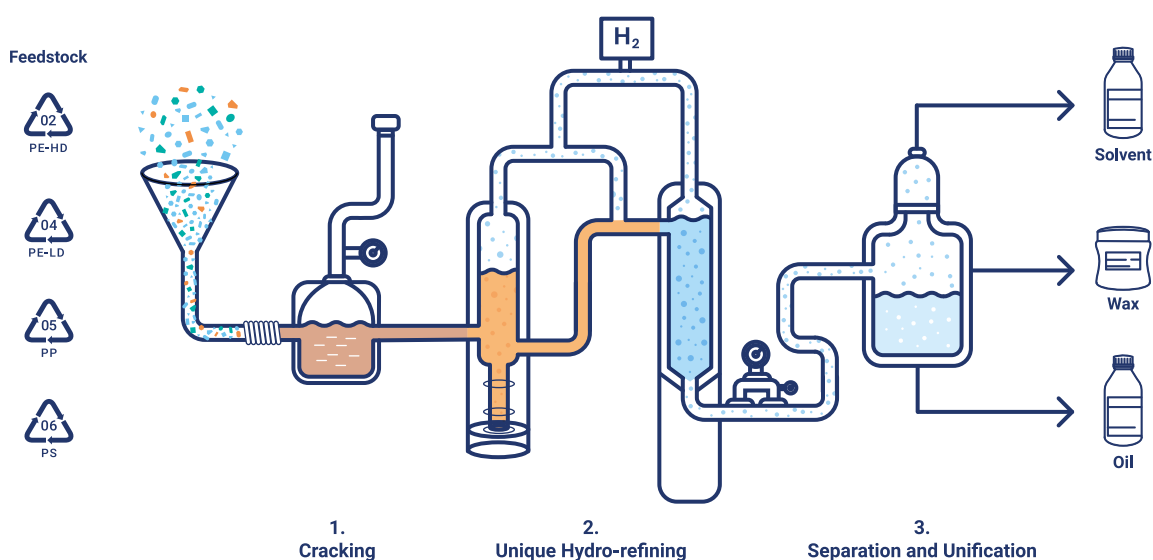


**THE WORLD COULD
SAVE \$80-\$120 BILLION
EACH YEAR BY TREATING
PLASTICS BETTER.**

A WHOLE NEW STORY

Clariter technology is based on a unique chemical process and innovative technology that ensures highest quality outcomes and dynamic control over every single parameter.

Most companies recycle plastics into other plastics, energy or fuel. Clariter breaks this frame, creating products with endless applications and at the same time ending the life of plastic. We do what nobody does and transform how the industry operates.



WE TRANSFORM PLASTIC
WASTE INTO A WIDE
**RANGE OF LIQUID
HYDROCARBONS.**
**MADE OF 100% RECYCLED
PLASTIC WASTE.**



UNIQUE
INNOVATIVE
PROCESS

THE CLARITER PROCESS CONSISTS OF THREE STAGES:



1

Thermal Cracking

We transform plastic waste into a wide range of liquid hydrocarbons.



2

Hydro-Refining

Impurities are removed and naphthenic and paraffinic hydrocarbons are formed.



3

Distillation and Separation

Fractions are distilled into stable products which are then blended into diverse product families.

SOLUTION

Clariter's high-value, pure products serve industries that depend on solvents, oils, waxes and their mixtures. Our product families are applicable for multitude of consumer end-products.



SOLVENTRA®

Solventra® is an aliphatic solvents range that can be used in inks, coatings, metal working fluids, industrial cleaning, dry cleaning, households' cleaners, tire manufacturing, adhesives and sealants, carrier for offshore drilling fluids, carrier of crop protection agents, coalescing agent in water-based paints, metal surface dewatering, and more.



CLARIWAX®

Clariwax® is a paraffinic wax produced from Clariter's technology. It can be used for the manufacture of candles, wax emulsions, greases, wood coatings, leather care, anti-corrosive protection, petroleum jelly, personal care and others.



OILTER®

Oilter® is a white oil that can be used for the manufacture of inks and resins, silicon sealants, oil for personal care and cosmetics, carrier for fragrances, defoaming oil, functional fluid for transformers, process oil for rubber production, oil for aluminum rolling, metal working fluids, lubricants, a liquid-to-liquid extraction process solutions, and others.

MADE WITH CLARITER™

Our solutions transform the industry from the inside, setting new standards for purity, quality, sustainability and positive impact. Simply said, Made with Clariter™ means:



CLEAN

Clariter products are free from Sulphur, Nitrogen, and Chloride. They are non-aromatic, free of double bonds and aromatics, colorless and have 100% saturation.



SUSTAINABLE

Transformed from 100% plastic waste, help to reduce dependence and consumption of on crude oil and proactively clean the planet. Our advanced petrochemical process ensures minimum waste and net CO₂ savings.



COST-EFFECTIVE

With the growing demand for fossil-based products and fluctuating prices, we provide a reliable and stable solution that outcompetes the old system.



TOP QUALITY

Our products meet the highest industry standards and perform flawlessly in tests. Clariter products meet FDA purity standards, and they are found in numerous applications, starting at industrial level and going beyond, to household and cosmetics.

INDUSTRIAL AND FULL-SCALE PLANTS

OUR INDUSTRIAL-SCALE PLANT

Industrial-scale Plant (ISP) is a joint investment with the Industrial Development Cooperation (IDC), the leading development bank of Africa.

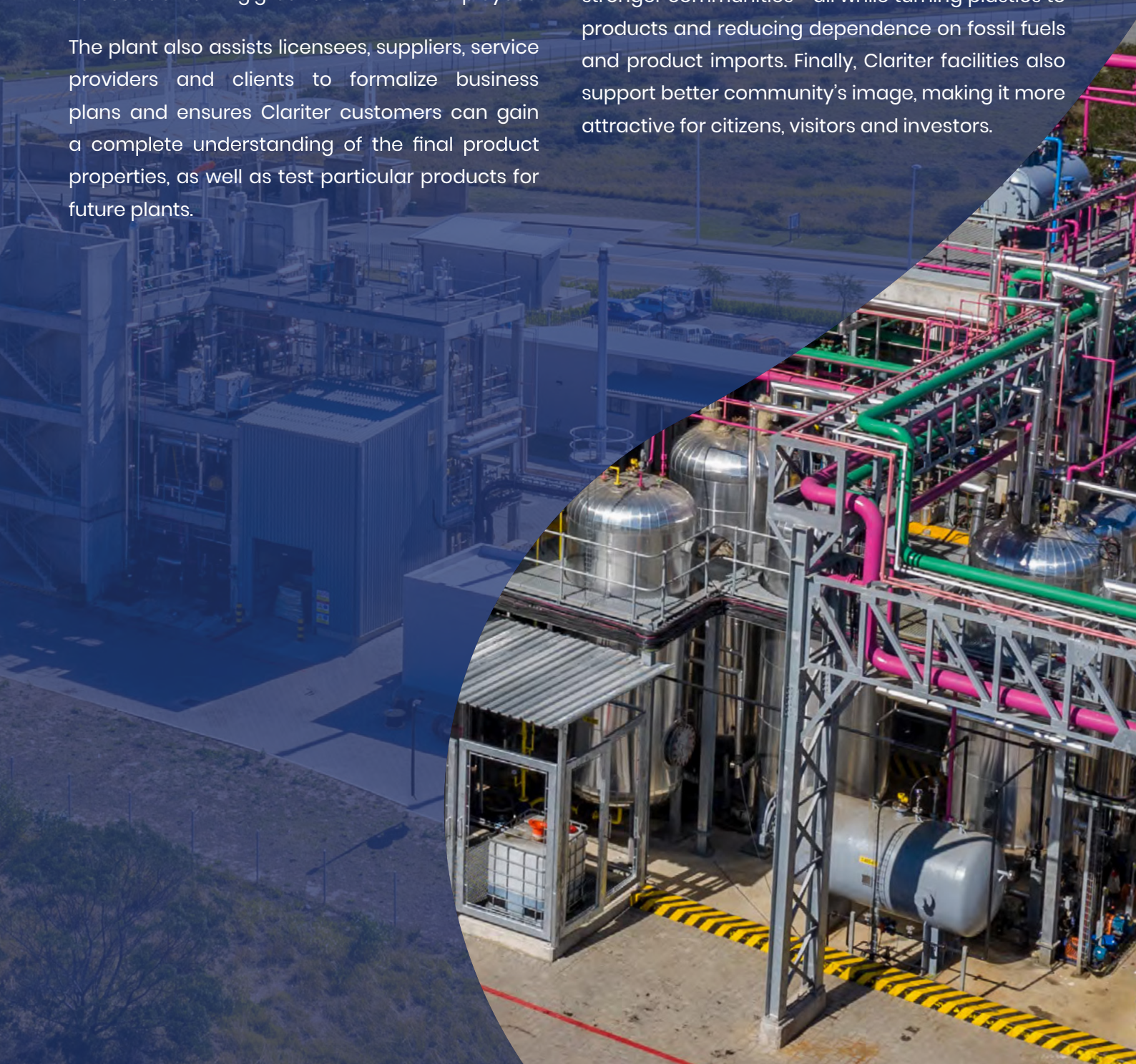
Located in East London, South Africa, the ISP has been designed to serve as an industrial plant, flagship demonstration, training and R&D facility. Its flexible design allows Clariter to experiment with a variety of processes, instruments, catalysts, temperatures, pressures and product features. The ISP helps to extend previous R&D efforts, and serves as a training ground for Clariter employees.

The plant also assists licensees, suppliers, service providers and clients to formalize business plans and ensures Clariter customers can gain a complete understanding of the final product properties, as well as test particular products for future plants.

FULL-SCALE PLANT

One Clariter Plant is set to facilitate an average of 60Kt of plastic waste per annum and will produce 50Kt of pure industrial solvents, oils and waxes. Clariter Plant design can be adapted to local needs and context. Feasibility studies have identified multiple locations with necessary economic conditions and waste streams.

Clariter facilities open up local opportunities for jobs, help improve citizens' wellbeing and build stronger communities – all while turning plastics to products and reducing dependence on fossil fuels and product imports. Finally, Clariter facilities also support better community's image, making it more attractive for citizens, visitors and investors.



OUR STORY

A team of passionate scientists and entrepreneurs have been perfecting Clariter's technology, chemical process and business plan for over 18 years.

From 9m² lab, through 300m² pilot plant in Gliwice, Poland, to over 15,000m² Industrial-scale Plant in East London, South Africa.

**We are rewriting
the story of
plastic waste.**

IT HAS
BEEN
A RIDE!



2020



Clariter is now scaling up and has a target to build and operate 5 full-scale plants in various locations across the world.



2018



Industrial-scale Plant in East London, South Africa.



2006



R&D pilot plant in Gliwice, Poland.



2003



Following many years of scientific research by Professor Bylicki, Clariter was founded.

If you want to go fast,
GO ALONE.

If you want to go far,
GO TOGETHER.

ABOUT US

We have brought together experts in the industry and young professionals, mixing experience, innovation and diversity of perspectives. Clariter employees have decades of experience in petrochemicals, plastics, logistics, manufacturing and trade. We speak 24 languages and have 14 nationalities, our gender equality of top management is 1:1.

Our management team consists of professionals with vast entrepreneurial, NGO, governmental and corporate experience, as well as a proven track record of building ventures from concept stage to global leadership.

BUILDING PRESENCE

We have facilities and offices in 3 continents with a unique fit towards local contexts and strong networks of regional partners.

Clariter has international teams working on development and providing high-level expertise where it's needed. Wherever we come, we focus on building strong, trustful relations with our stakeholders and look for ways to ensure a win-win collaboration.



WE SUPPORT 10 OUT OF 17 UN SUSTAINABLE DEVELOPMENT GOALS (SDGs)

One Clariter plant can prevent 60Kt of plastics per year from entering the natural environment

We replace fossil fuels with an alternative that decreases emissions and contributes to a more livable climate

Made With Clariter™ helps consumers and producers make more sustainable choices

Clariter helps municipalities treat their plastic waste and use it wisely

Working with a wide range of actors, Clariter fosters collaboration for sustainability

By strategically establishing new facilities in developing countries, Clariter helps to combat poverty and hunger

Our top management team has 1:1 gender parity

By collecting and upcycling plastic waste, Clariter helps to combat freshwater pollution

We create green jobs and provide opportunities for local growth



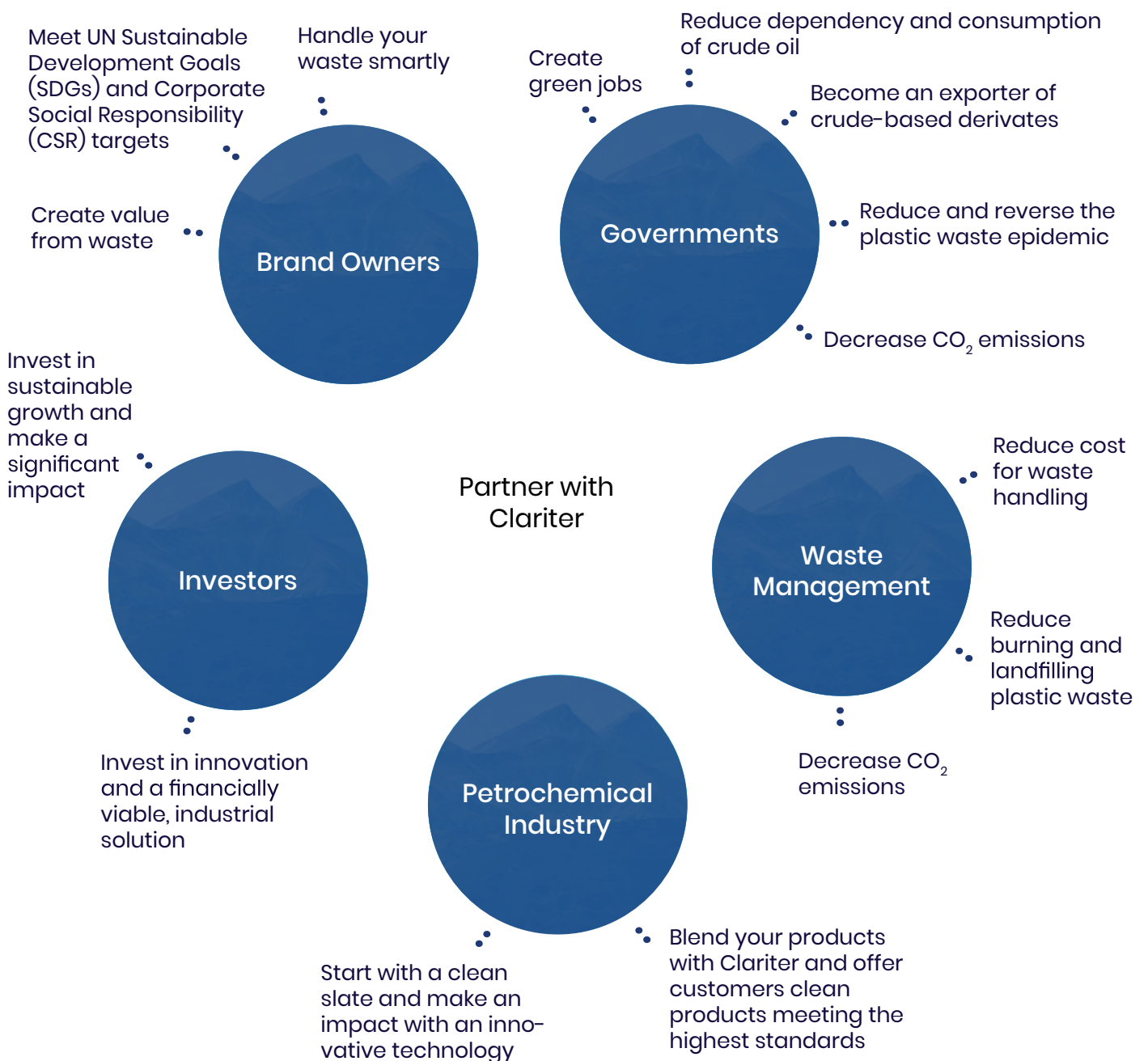
Clariter empowers circular and sustainable industry of the future

MAKE AN IMPACT WITH CLARITER

There's no shortage of plastic waste but there is a shortage of viable tools to get rid of it. Add to that the desire of governments, NGOs and consumers to find solutions, and you've got the perfect context for the success of Clariter.

Whether you are a brand owner wanting to handle their plastic waste smartly, a Corporate Social Responsibility (CRS) manager striving to raise your company's sustainability performance, or a waste manager looking for a viable channel partner for handling plastic waste feedstock – at Clariter every partner can find the best solution to their problems.

GROW PROFITS, MAKE AN IMPACT, CLEAN THE ENVIRONMENT AND DRIVE A SUSTAINABLE INDUSTRY OF THE FUTURE.



LET'S TALK!

We are always open to new partnerships, joint ventures and other collaborations. Please find more information on our website, while we will be glad to answer any questions you might have.



Clariter Luxembourg



Clariter Poland



Clariter South Africa



Clariter Israel

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We welcome you to visit us in our industrial-scale Plant in East London, South Africa, our Pilot R&D Plant in Gliwice, Poland and our international offices.

The future can be
different.
It will be different.
With Clariter.

**Join us to make it
happen today!**

