Goodbye Landfills
Adiós Recycling
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. At the same time, the industry is struggling with rising prices of crude oil and fossil fuels. 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 hundreds of industrial applications, performing flawlessly and 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.

A WHOLE NEW STORY
Clariter technology is based on a unique chemical process and patented 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 for good. We do what nobody does and transform how the industry operates.

WE CONVERT PLASTIC WASTE INTO A WIDE RANGE OF LIQUID HYDROCARBONS.

THE WORLD COULD SAVE $80-$120 BILLION EACH YEAR BY TREATING PLASTICS BETTER.
THE CLARITER PROCESS CONSISTS OF THREE KEY STAGES:

1. **Thermal Cracking**
   We convert 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**

Clarite’s high-value, pure products serve industries that depend on solvents, oils, waxes and their mixtures. Our product families are applicable for 1000+ solutions.

**SOLVENTRA®**
Solventra® represents the aliphatic solvent family of products. It’s aimed at industrial and consumer goods.
Products include working fluids, coatings, paints, cleaners, inks, lamp oils, greases, roller washes and fountain chemicals in printing, wood treatments and others.

**CLARIWAX®**
Clariwax® covers the paraffin wax family of products. It was developed for a wide range of industrial and consumer goods.
Solutions include car and floor polishes, shoe waxes, wood coatings, greases, wax emulsions, candles and many more.

**OILTER®**
Oilter® represents white base oil family of products. It’s used in spun textiles, agricultural production, mining, automotive and a range of other industries.
Applications include car cosmetics, furniture polishers, silicon sealants, inks and resins, liquid-to-liquid extractions and many 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 odorless, free of double bonds and aromatics, colorless and have 100% saturation.

SUSTAINABLE
Transformed from plastic waste, help to reduce dependence 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. Our solvents meet FDA purity standards, and we foresee that our products will be found in numerous applications, starting at industrial level and going beyond, to household and cosmetics.
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.

CLARITER PLANT

One Clariter Plant is set to facilitate an average of 60kT of plastic waste per annum. Clariter Plant design can be adapted to local needs and context. Feasibility studies have identified multiple locations with necessary economic conditions and waste streams. Discussions are on for building five other facilities across the globe in the following years.

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 17 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!
Clariter is now scaling up and has a target to build and operate 5 plants within the next 5 years.

2018 Industrial Scale Plant in East London, South Africa.

2006 Pilot plant in Gliwice, Poland.

2003 Following many years of scientific research by Professor Bylicki, Clariter was founded. Soon after, our first patent was granted.
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 DIRECTLY CONTRIBUTE TO 10 OUT OF 17 UN SUSTAINABLE DEVELOPMENT GOALS (SDGs), AND INDIRECTLY TO ALL OTHERS.

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.

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.

Working with a wide range of actors, Clariter fosters collaboration for sustainability.
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 looking for more sustainable feedstock, 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 – 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.

Meet UN Sustainable Development Goals (SDGs) and Corporate Social Responsibility (CSR) targets
Create value from waste
Handle your waste smartly
Invest in sustainable growth and make a significant impact

Brand Owners

Reduce dependency on crude oil
Create green jobs
Become an exporter of crude-based derivates
Reduce and reverse the plastic waste epidemic
Decrease CO₂ emissions
Reduce cost for waste handling
Decrease CO₂ emissions

Governments

Invest in innovation and a financially viable, industrial solution
Start with a clean slate and make an impact with an innovative technology
Blend your products with Clariter and offer customers clean products meeting the highest standards

Petrochemical Industry

Waste Management

Partner with Clariter

Investors

Waste Manager
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 Benelux

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!