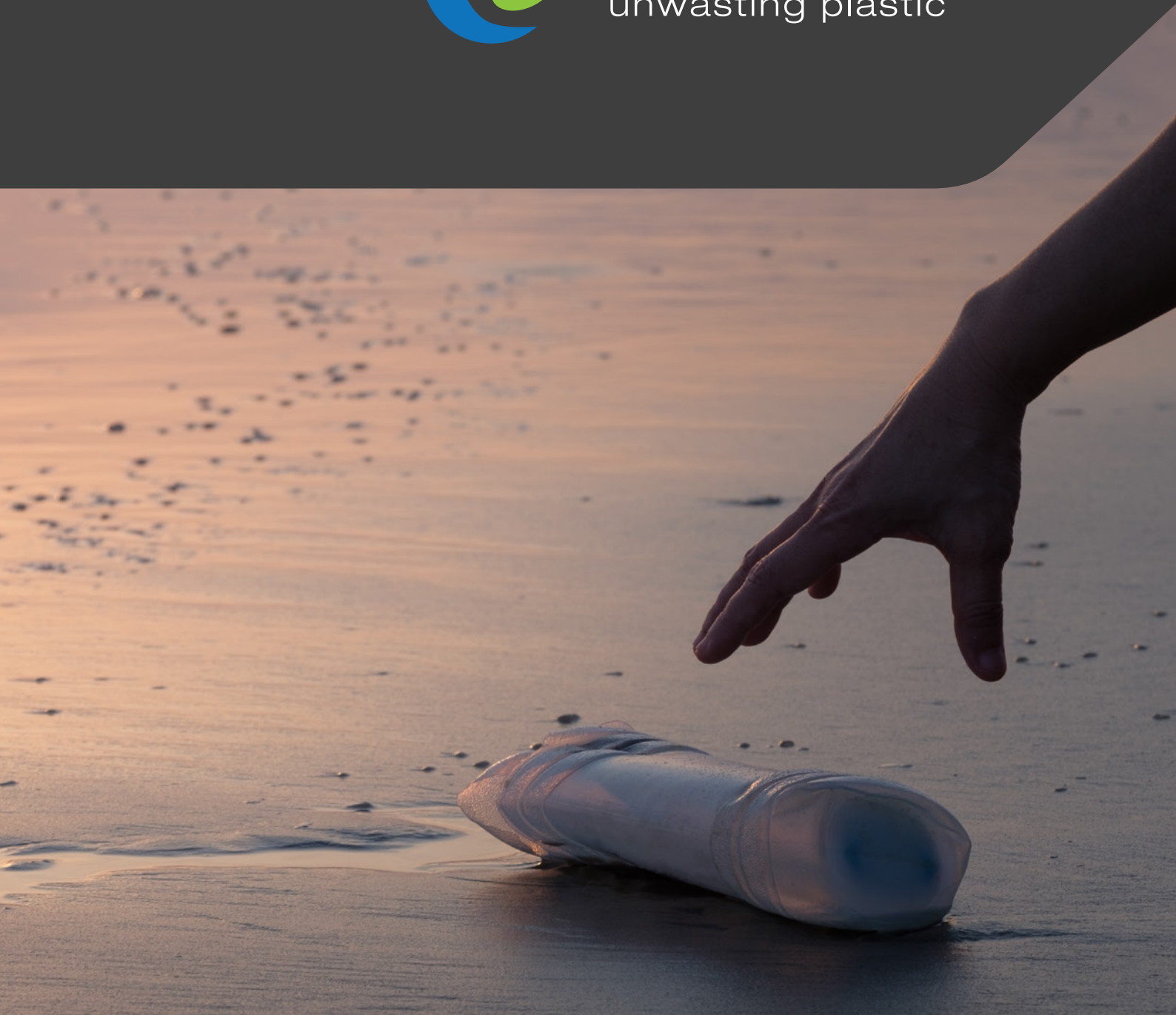




SYNCYCLE
unwasting plastic



Seeing the Value in Plastic Waste

Recycling is our responsibility

Chemical Recycling

Seeing the value in plastic waste

The SynCycle team is committed to unwaste plastic! Together we utilize the full performance potential of chemical plastic recycling. Join us on the forefront of this arising industry and participate in the opportunity to make a change.

Chemical Recycling – never has the plastic value chain witnessed a similar disruption. From collecting waste to producing new packaging, the implications of this new technology will be felt in every step along the value chain.

SynCycle turns plastic waste into the same rich resource that crude oil always has been, quite literally. EU Regulations, policies and societal changes shape the plastic recycling landscape in a sustainable way. SynCycle is about to take over the role as a leading innovator in that development. Chemical recycling is seen as the fastest growing technology for plastic waste for the next 25 years. By 2030, 60 to 80 billion Euro are expected as worldwide market potential.

SynCycle Technology

Robust and modular technology platform

SynCycle has developed a technology that transforms non-recyclable plastic into new products. Drawing on BDI's and NGE's experience, the SynCycle technology offers a one-stop-shop concept for all process steps.

The Next Generation Group offers proficient solutions in mechanical recycling. Together with the T:CRACKER® pyrolysis technology developed in-house, it forms an advanced and patented plastic cracking unit. The resulting pyrolysis gas is further treated with a downstream process, engineered by BDI-BioEnergy and aligned according to feedstock profile and quality standards. This enables an end-to-end technology solution that can be adapted to market needs. This approach is unique.

We turn local plastic waste into valuable resources, using a decentralized concept. In this way our method makes chemical recycling a viable technology and accessible to all players along the plastic value chain, which gives it a wide range of applications.

The concept is based on technologies your industry is familiar with. As a result, you can run the operation on your site with your staff, fully remote-controlled and almost manless.

Combined Strength

BDI and NGE join forces

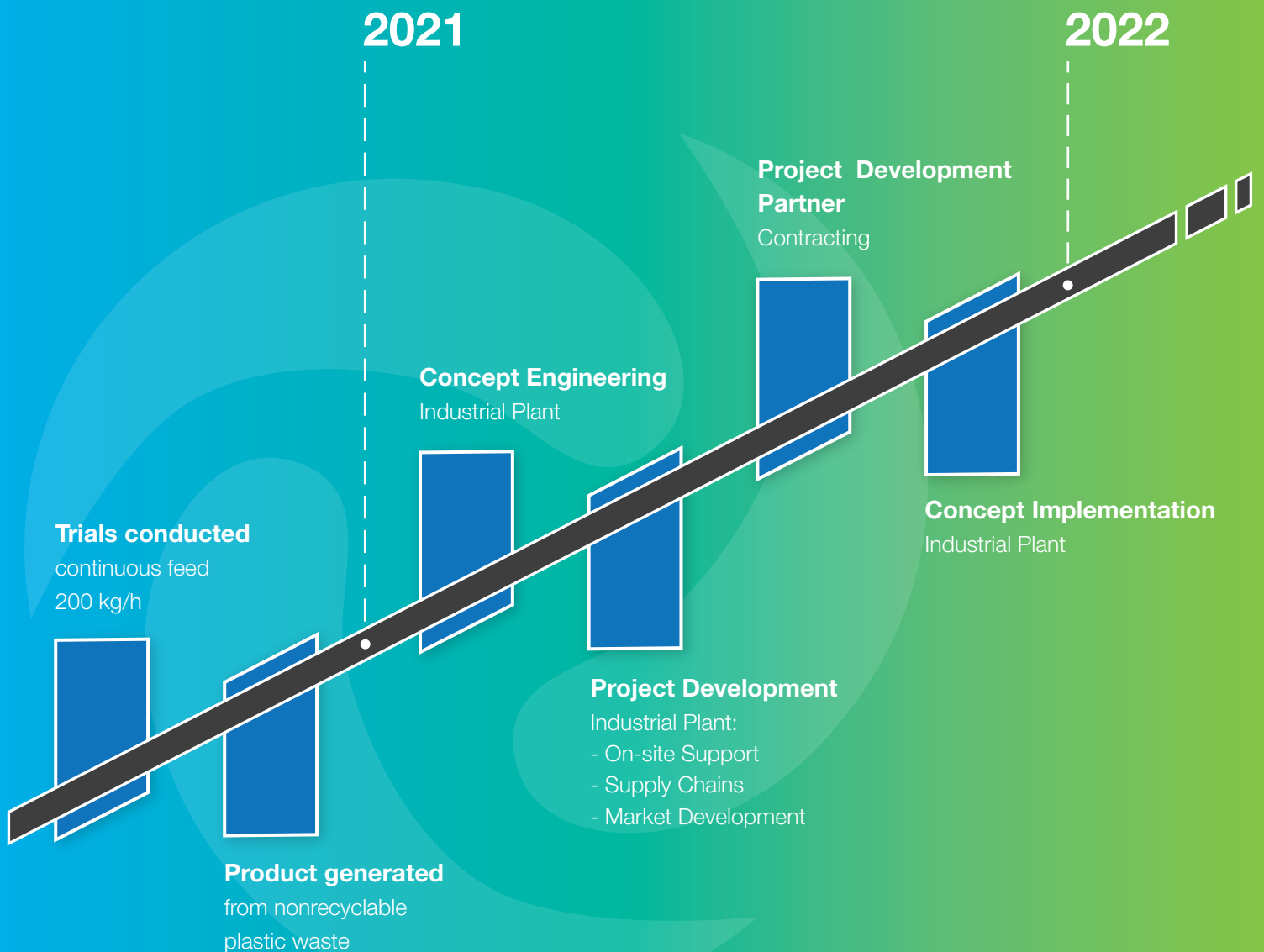
SynCycle is a joint project driven by the Next Generation Group and BDI-BioEnergy International. In this cooperation, expertise in recycling joins forces. A combined 50 years of industry experience and extensive in-house R&D capabilities provide you with a tailor-made solution for your specific plastic waste challenge.

A worldwide installation base of 1,500 projects, a portfolio of over 300 patents and more than 350 dedicated experts offer you the track record needed for a competent and safe launchpad for your chemical recycling project.

SynCycle is open for collaboration and partnership opportunities because we see the need to join our efforts in order to respond to our plastic waste responsibility. “Big enough to innovate, small enough to cooperate” - that’s our joint motto!

Joint Development

With the Ability to Adapt and Improve



SynCycle

Teamwork leads to success





In Collaboration with



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