

Plastic to Oil

We develop and build Plastic to Oil production plants that provide the raw material to make recyclable plastic.

Recycling Partners are a project development company focused on closing the gap in the plastic supply chain. Its waste Plastic to Oil technology is a superior form of chemical recycling, designed to displace the need for fossil fuels and reduce climate impact.

We are focused on enhancing the circular economy of plastics and helping consumer product and petrochemical companies achieve targets for reducing waste and utilising more recycled plastics.



"It's our mission to make eternally recyclable plastics the new global standard."

We deplete mixed plastic waste and convert it into a renewable oil that becomes a raw material for the production of recyclable plastics – plastic which can be recycled time and time again

- We take at-risk positions on early-stage development of Plastic to Oil plants producing renewable oil from waste plastic.
- Our joint development capacity is combined of a core development team, supported by dedicated specialists to achieve commercial outcomes consistent with the objectives of each of the project's co-developers/investors
- The renewable oil is destined for the refinery and plastic industries
- We are a trusted partner working with waste management companies, municipalities, refineries and petrochemical companies
- Deplete plastic waste and bring eternally recyclable plastics into the global market

Producing Oil from waste Plastic

The plastic recycling infrastructure around the world is severely underdeveloped. As a leading project developer, we utilise innovative technology to transform mixed waste plastic into valuable renewable oil

The oil is further refined into petrochemical products to make virgin quality recyclable plastic – this plastic can be used over and over again

- Yes, it's low carbon and has a low sulphur footprint
- Yes, it's a fully circular and climate positive business
- Yes, our oil fulfils societal and the big brand's demand for recyclable plastic packaging – replacing the need for fossil oil

Forging partnerships alongside like-minded parties in this dynamic market, we are trusted to deliver advisory and implementation solutions to clients worldwide

Mission

- To enable countries – Municipalities – Waste management companies - Material recovery facilities (MRFs) - Plastic recyclers deplete their plastic waste
- Enable the production of eternally recyclable plastics globally
- Decouple plastic production from fossil fuel
- To enable petrochemical conglomerates meet their huge requirement for renewable oil
- To enable plastic manufacturers fulfil societal demand for eternally recyclable plastic

Recycling Partners

C/O Global Invest & Trade | 125-720 King Street W,
Suite 2000 | M5V 3S5 | Toronto, ON, Canada
Tel: +1 416 476 4113 | www.recycling.partners

Technology

- A decennium of research and development has resulted in cracking the code of scalability, perfectionising efficiency and economical chemical recycling (pyrolysis) on a commercial scale to convert post-consumer plastic with a continuous feed system operating 24/7
- The self-powered modular plants, process 5 tons (4 lines) of plastic waste per hour and can be built anywhere, providing opportunities to integrate them with existing infrastructure and processes.
- Scalable up to 20 lines
 - 35,000 ton plant - produces ~18,750 tons (~131,250 barrels) renewable oil per year
- ISO certification, and the European Commission sees our technology as a promising way of dealing with plastic waste
- Made in the EU



Environment

Responsibility for the environment and society is a key strategic topic for us, and we contribute to reducing the ecological footprint of our industry

- We support the innovative sci-tech path for carbon emission reduction, and social and political change for more climate protection
- Compared with fossil oil based plastic, producing 1 tonne of recycled plastic saves, on average, 5 barrels of oil and the equivalent of 1.6 tonnes of CO₂
- Compared to incineration, each 35,000 ton plant can save ± 52,500 tons of CO₂ annually

Recycling Partners

C/O Global Invest & Trade | 125-720 King Street W,
Suite 2000 | M5V 3S5 | Toronto, ON, Canada
Tel: +1 416 476 4113 | www.recycling.partners