

# Transforming Plastic Waste

## Transcript

Interviewer

Plastic waste Management is an emerging field, so maybe you could tell us a bit more about your activities.

Jussi

Excellent. Thank you. So what we have been doing on a day-to-day basis since 2020 is to collect plastic garbage from the environment, all of our everyday plastic waste that we all generate like plastic bags, wrapping materials, packaging products.

What we do is we collect these From the landfills we collect these from the oceans and from different parts in the cities.

And then by using a process and technology called pyrolysis, we are able to convert this plastic waste back into its original form, which is oil. So something that might come as a surprise for many is that all the plastic products that we use on our daily lives originate from the crude oil.

And we are able to convert the plastic back into oil which can then be used by the petrochemical industry to produce new, more environmentally friendlier and circular plastic products.

So in this way in summarise, a plastic bag collected from the environment can now be turned into oil and then this oil can be used to make a new plastic bag.