



## pet plastic recycling facility at protos

**Enviroo is proposing to build a plastic recycling facility at Protos near Ellesmere Port, Cheshire. The facility would recycle up to 25,000 tonnes of plastic waste each year, turning the material into a product that can be re-used for the manufacture of food and drinks packaging. It would provide a sustainable solution for tackling plastic waste, preventing it ending up in landfill, exported abroad or in our oceans.**

This newsletter provides information on our plans, why the facility is needed and how you can have your say.



### did you know?

**The UK produces over 13bn plastic bottles a year but currently only recycles around 50% of them.**

### about enviroo

Enviroo is a specialist plastics recycler able to completely recycle PET (Polyethylene terephthalate), the main material used for food and beverage packaging, such as plastic bottles. We can recycle 100% of PET helping to divert it from landfill or ending up in ocean.

For further information visit

[www.enviroo.co.uk](http://www.enviroo.co.uk)

## the site

**We are proposing to build our first plastic recycling facility at Peel L&P Environmental's 54-hectare Protos development on Grinsome Road, Ince near Ellesmere Port in Cheshire. This building will be similar in scale to facilities already built or in construction on the site.**

Protos is a strategic energy and resource hub which clusters together innovative technologies. The facility would be part of the Plastic Park proposed for Protos which aims to provide a comprehensive solution for the recycling and recovery of all types of plastic waste. For further information visit [www.protos.co.uk](http://www.protos.co.uk).



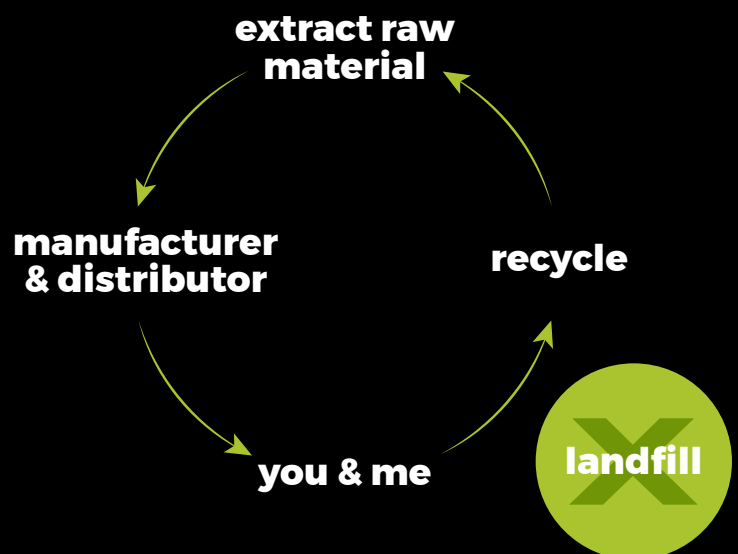
## why do we need it?

**Following recent high-profile cases of plastic waste causing environmental damage in other countries, the UK recycling industry is being discouraged from exporting unprocessed plastic. This is setting a significant challenge for local authorities but at the same time also creating a new supply opportunity for UK-based recyclers.**

Under UK law, any plastic packaging that contains less than 30% recycled PET will be taxed from April 2022. Some manufacturing companies are going one step further with the UK Plastics Pact which will see them target 50% recycled PET in plastic bottles.

Our vision is to transform waste collection and management to create a circular economy which removes the need for disposal of plastic waste. In the UK alone, we throw away 4.9 million tonnes of plastic waste.

## circular economy ecosystem



## how does it work?

**The recycling facility will be one of the most advanced in the UK, recycling up to 25,000 tonnes of PET per year, equivalent to around 310 fully loaded jumbo jets.**

We are proposing to use proven technology from leading manufacturers, Erema and Sorema Technologies, whose equipment has a global reputation for proven performance and reliability.

The facility will take separated PET plastic waste where it will be further segregated and washed. It is then used to create flakes which are then transformed into food grade polymers. These small polymer pellets can then be used by manufacturers to create new packaging products such as plastic bottles and food trays.



## deposit return scheme

**In the future, we are also planning to introduce a Deposit Return Scheme in nearby locations such as shopping centres and universities. When a customer returns an empty drinks bottle to a reverse vending machine, they can decide to either receive a cash amount for returning the bottle or donate the cash to local charities and organisations supporting the homeless, elderly, children or environmental projects. The bottle is then taken to our facility for recycling.**



## benefits

- **Diverting 25,000 tonnes of waste from landfill, incinerators or export every year**
- **100% recycling of PET plastic waste**
- **Reducing the need for virgin plastic and therefore the extraction of natural resources**
- **The creation of 50 new jobs**
- **An investment of around £20 million in the local economy**

## how can i have my say?

We would like to get your views on the plans as we put together a planning application.

There are a number of ways you can get involved:

- **Fill in the questionnaire attached to this newsletter and pop it in the post (it's free!)**
- **Take a look at our website [www.enviroo.co.uk/consultation](http://www.enviroo.co.uk/consultation) to fill in the questionnaire or ask a question**
- **Get in touch using the contact details on the bottom of the newsletter**

The consultation closes on **29th October 2020** so please send us your comments before then. Following the consultation, we plan to submit a planning application to Cheshire West & Chester Council in the autumn. If we are successful in securing planning consent, the new facility will take around 18 months to build and will be completed in Spring 2022.

## your questions answered

### **Will Enviroo have an impact on local roads?**

There will be up to nine deliveries per day to the Enviroo site, but these will form part of the allowed traffic movements under the original Protos planning application. In the future as the Plastic Park at Protos develops we plan to take waste directly from other facilities at the site, eliminating even the small number of deliveries we will have at the start.

### **Will there be any waste left over from the process?**

While we can recycle 100% of the PET we cannot currently recycle labels or lids. When other facilities are up and running this small amount of waste could be treated within the Plastic Park at Protos.

### **Will it create pollution?**

The operation and running of the plant have a lower carbon footprint than traditional recycling plants. The plastic extrusion process doesn't release any emissions requiring an environmental permit. The only emissions come from a commercial boiler which creates hot water so levels are low.

## get in touch

Call

**0800 689 1095**

Email

**[consultation@enviroo.co.uk](mailto:consultation@enviroo.co.uk)**

Website

**[www.enviroo.co.uk/consultation](http://www.enviroo.co.uk/consultation)**

Post (no stamp required)

**Freepost HAVE YOUR SAY**

# have your say

Please complete this questionnaire, tear off the slip, fold in half, moisten and glue together.

Then just pop it in the post - no need to add a stamp!

Need more space? You can write to us using the contact details on the back of the newsletter or fill the questionnaire in online.

Please submit your consultation responses by 29th October 2020.

**Q1.** Do you agree that we should be looking to build more facilities in the UK to recycle plastic waste?

- Yes    No    Don't know

Please provide any comments here:

---

---

---

---

**Q2.** What do you think about the plans to create a plastic recycling facility at Protos?

---

---

---

---

**Q3.** Which of the following aspects of the proposal are you most interested in? (Tick up to three)

Transport and access

Environment

Jobs and investment

How the development looks

Diverting waste from landfill

Recycling technology

Other \_\_\_\_\_

**Q4.** Please use this space to add any other comments

---

---

---

## about you

Name \_\_\_\_\_ Address \_\_\_\_\_ Postcode \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

Age:  Under 20    20 - 35    36 - 50    51 - 65    Over 65

This information is optional but will help us to analyse the information you have provided more effectively and enable us to keep you updated on the project in the future.

Would you like to be kept updated about the project?

Yes / No

If so, please state how:

Email    Post

Providing your contact details allows Font Communications on behalf of Enviroo, to assess the reach of the consultation and log responses. Should you select to be kept informed, your email address and telephone number will allow Font Communications to keep you updated on Enviroo's plans at Protos. Copies of the feedback received may be made available, in due course, to Cheshire West and Chester Council. We will request that your personal details are not placed on the public record. These will be held securely by Font Communications and Enviroo in accordance with the GDPR act 2018 and will not be passed to any additional third parties.



**Freepost HAVE YOUR SAY**