

Transforming Edmonton EcoPark



NLWA is turning Edmonton EcoPark into a recycling and sustainable waste hub. It will include the UK's most advanced Energy Recovery Facility to stop unrecyclable rubbish going to landfill and use it to make heat and power for local homes. There'll be new recycling facilities and a visitor centre for the community. There are hundreds of apprenticeships, training placements and skilled jobs for local people.



Construction of the recycling facilities, outlined in orange, at Edmonton EcoPark

Reduce, reuse, recycle in action

The equivalent of 40 years' worth of showers for the average person has been saved at the EcoPark, during the building of the £100 million recycling facilities.

Over 560,000 litres of water, stored in a now redundant tank, was transferred for use

in the new facilities. Reusing the water also saved transport related CO₂, as water didn't have to be delivered by tanker.

We are now installing 2,000 solar panels on the facilities' roofs.

Concrete with 70% lower CO₂ has been laid in a temporary

facility, in its first ever use in the UK. The facility was also built with 5,000 tonnes of recycled material.

Minimising the eco impact of construction at the EcoPark is a major priority: one that continues as work begins on the Energy Recovery Facility.

What's ahead?



Construction work begins for the Energy Recovery Facility



Recycling facilities and visitor and community centre are due to complete

Autumn 2022

Spring 2023

Apprentice spotlight



Seekay Diep

Civil engineer apprentice, **Seekay Diep**, joined the project about 10 months ago as a Site Supervisor, studying part-time alongside working with the Wood Construction Assurance team.

With no previous experience in construction, Seekay has since achieved her Construction Skill Certification Scheme card as well as a certification in harness use. According to Engineering UK, in 2021, 16.5% of engineers were women, up from 10.5% in 2010.

Why did you choose a career in engineering?

The impact of population growth and climate change puts immense pressure on society. Civil engineers help to improve our surroundings and enhance lives by creating a better place to live. Because of this, I chose this industry as I wanted to learn and make a real difference for this generation, and the future.

What has been your greatest development so far?

Having this opportunity to be a part of a major project, broadens my skills and knowledge by working in multidisciplinary roles from civils, architectural and mechanical engineering.

What advice would you give to other women who want to work in engineering?

To not be afraid to speak to others and seek advice. Ignore the social stereotypes and do not be put off by preconceptions of what engineers do, it's not all about getting dirty and doing manual labour.

What are your goals for the future?

Once I obtain my engineering chartership, I'd like to work in less developed countries and help build better transportation systems and ensure people have clean drinking water.

Your questions answered

Q Is the new facility safe?

The new Energy Recovery Facility will be one of the safest and cleanest in the world.

Scientific studies and academic reports confirm that facilities like the one at the EcoPark do not pose a significant impact on public health.



Q How will the facility prevent pollution?

High tech cleaning equipment including Selective Catalytic Reduction will capture pollutants inside the Energy Recovery Facility.



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