



Food Group



Q What if we made waste useful?

Rebuilding ABP Ellesmere

Site and operations

Conserving resources

Renewables

Waste and recycling

What's the challenge?

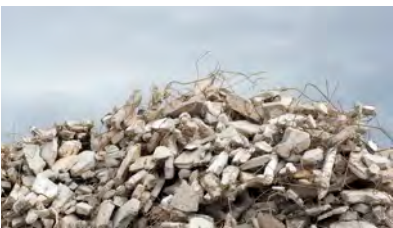
Sustainability is embedded in our culture. So when we needed to demolish the existing structure at ABP's Ellesmere site to make way for a modern new facility, we wanted to recycle and re-use as much material as possible. But with so much masonry and brick from the existing structure on the site – we had to consider what else we could do to be sustainable.

What we did

As we demolished the existing structures, we were able to recover good quality masonry and brick material. We realised that we had an opportunity to avoid landfilling it, and instead re-used the material as aggregate to stabilise the site. We redesigned our foundation plans to use all of the recovered material on-site.

Keeping the local environment clean from contamination, especially the local water supply, was also critical for us. We recycled all the wood, plastic and paper materials that we recovered from the site.

Great care was taken to wash all vehicles leaving the site. We built a wash system to clean off silt, sand and any other materials from trucks and process the effluent, keeping the local water clean.



Story in numbers

13,000

Fewer truck journeys due to masonry and stone ground stabilising method – meaning less impact on local roads

1,500

Tonnes of brick re-used



1,900

Tonnes of stone recycled



55

Tonnes of steel recovered



What we achieved

Flexibility and thinking sustainably helped us see the opportunity in re-using the brick and masonry materials on-site. This saved us from adding to landfill waste and cut down on truck journeys – reducing vehicle emissions and disruption to local roads. We exceeded our expectations for recycling and re-using materials and achieved results both good for the business and more sustainable.

30,000m³
WASTE TO LANDFILL REDUCED

We shouldn't just depend on old techniques and methods, we should evaluate all options on a site.

John Durkan
Sustainability Manager,
ABP Food Group

