RUNCORN ENERGY PLANT – KEPPEL SEGHERS – MANCHESTER - UK

In 2011, the construction of a new Waste-to-Energy facility was started.
This project **'Runcorn II**' was finished in 2015.

The facility is in Manchester, UK where it will offer a solution for the large amount of municipal waste by using this waste to produce up to 80 MW of electricity and 54 MW of heat.

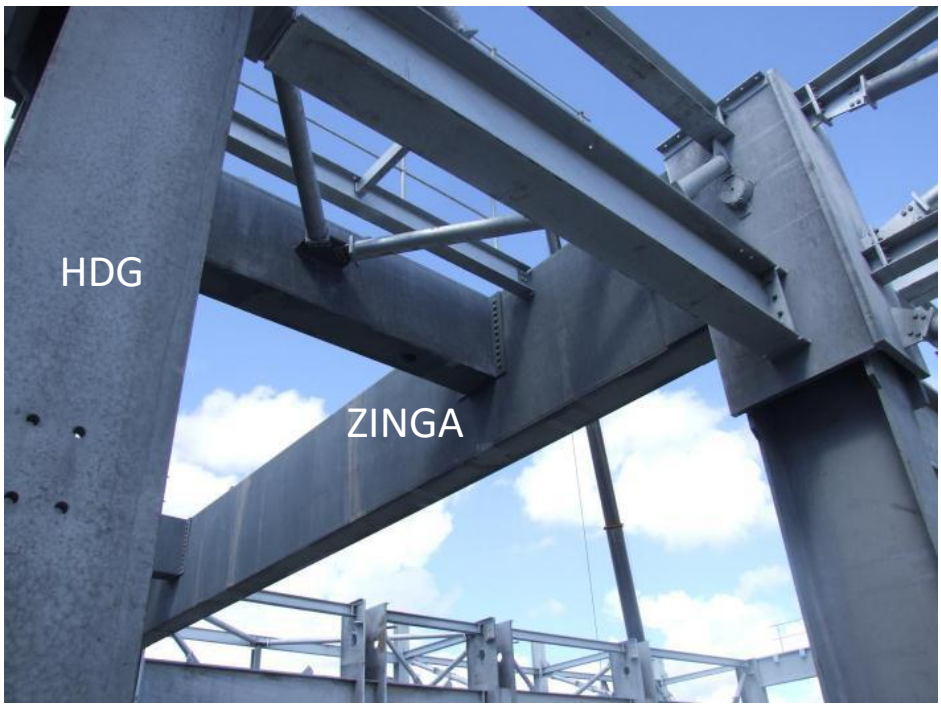
The company **'Viridor EFW'** has awarded the contract to **'Keppel Seghers'** (cooperation between 'Keppel Seghers Belgium' and 'Keppel Seghers UK') who will provide the technology.

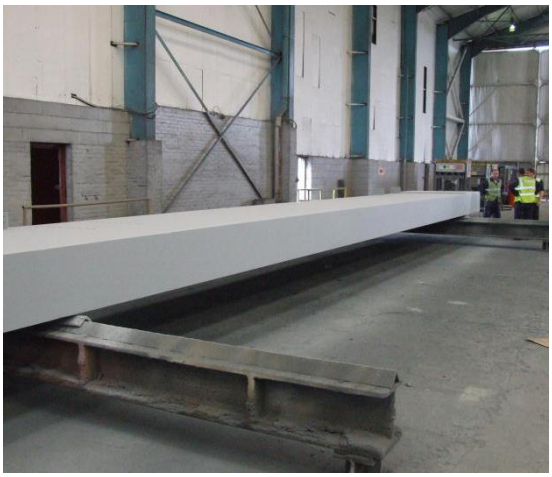
The actual construction was undertaken by the '**Sisk Group**'.
In turn, they contracted '**Fisher Engineering**' to galvanize and install heavy steel beams.

The large steel beams at the top of the building, which are too big to be hot dip galvanized, were protected with **ZINGA**.

At a cost of € 185 million, this is the first major project in the UK where a combination of hot-dip galvanized and film galvanizing steelwork has been assembled into a single structure.

It clearly illustrates that the electrical potentials of the two zinc systems are well-balanced, and one beam will never go anodic to another and hence no galvanic corrosion can occur.





System:
Surface preparation:
Grit blasting (new) or
Bristle blasting (welds)
to SA 2,5 and Rz 50-70 µm

ZINGA 2 x 60 µm DFT