

Ice Arena Wales Cardiff



Client: Greenbank Partnership/ Helium Miracle 113 Ltd
Contractor: Kier Construction Ltd
Start Date: March 2014
End Date: July 2015
Anticipated waste arisings: approx 900m³

Kier Construction Ltd has volunteered their involvement and commitment for Enabling Zero Waste. Kier are managing the construction of Ice Arena Wales, a high profile £17.5m private investment - two pad ice rink on the remediated former municipal landfill site at Cardiff Bay. The development will be a focus for ice sports in the UK and will offer seating for approximately 3000 spectators. The scheme is a commercial template composite metal and backlit polycarbonate cladding on a trapezoidal steel frame.



Key Project Features and Predicted Waste Management Challenges

- Mixed waste on site
- A predominantly Client led fit out cycle
- Overuse of packaging and distribution resources
- Potential ground settlement issues
- Steel working connections

Canolfan Ia Cymru Caerdydd



Cleient: Greenbank Partnership/ Helium Miracle 113 Ltd
Contractwr: Kier Construction Ltd
Dyddiad Cychwyn: Mawrth 2014
Dyddiad Cwblhau: Gorffennaf 2015
Gwastraff disgwyliedig: tua 900m³

Gwirfoddolodd Kier Construction Ltd i gymryd rhan yn y prosiect Galluogi Dim Gwastraff hwn. Mae Kier yn rheoli gwaith adeiladu Canolfan Ia Cymru, sef buddsoddiad proffil uchel o £17.5m gan y sector preifat i greu rincipiau ia ar hen safle tirlenwi trefol ym Mae Caerdydd. Bydd y datblygiad yn ffocws i chwaraeon ia yn y Deyrnas Unedig ac yn cynnwys seti i tua 3000 o wylwyr. Mae'n gynllun templed masnachol o fetel cyfansawdd a chladin polycarbonite ar ffrâm ddur trapesoidal.



Nodweddion allweddol y prosiect a'r heriau rheoli gwastraff tebygol

- Gwastraff cymysg ar y safle
- Cylich cwblhau sy'n cael ei arwain yn bennaf gan y cleient
- Gorddefnydd o ddeunydd pacio ac adnoddau dosbarthu
- Anawsterau posibl oherwydd setliad tir
- Cysylltiadau gwaith dur

