

Interest Group for Gravity Foundations



Offshore Wind

The group comprises companies with a capability in the design, construction and installation of offshore gravity foundations for the Round 3 zones and associated developments.

All members are committed to working with stakeholders to create an environment where concrete gravity foundations can be used for offshore wind farms. Members of the group support MPA The Concrete Centre in developing materials and disseminating the generic benefits of concrete gravity foundations for offshore wind farms.

Chair:

John Bingham, Royal Haskoning DHV, agent for The Crown Estate.

Secretariat:

Alan Bromage, consultant to MPA The Concrete Centre.

Member listing:

	<p>The Crown Estate www.thecrownestate.co.uk</p>
<p>Concrete gravity foundations</p>	
<p>BAM Wind Energy and Van Oord Offshore Wind Projects combining knowledge and experience in offshore wind</p>	<p>BAM Wind Energy and Van Oord Offshore Wind Projects www.bamnuttall.co.uk</p>
	<p>GBF® - a consortium of Ramboll, Freyssinet and BMT Nigel Gee. www.gbfeu.com</p>

	<p>Gravitas Offshore www.gravitasoffshore.com</p>
	<p>Grontmij working in partnership with Skanska and Boskalis Offshore www.grontmij.co.uk</p>
	<p>Ocean Foundations</p>
	<p>Seatower www.seatower.com</p>
	<p>Skanska working in partnership with Grontmij and Boskalis Offshore www.skanska.co.uk</p>
	<p>Boskalis Offshore working in partnership with Skanska and Grontmij www.boskalis.com</p>
	<p>Strabag Offshore Wind GmbH www.strabag-offshore.com</p>
	<p>Vici Ventus www.viciventus.no</p>
	<p>Vinci Offshore Wind UK www.vinci-offshorewind.co.uk</p>

Admixtures

GRACE
Construction Products

Grace Construction Products
www.grace.com

Aggregates/Cement/Concrete


AGGREGATE
INDUSTRIES

Aggregate Industries
www.aggregate.com


built on relationships

Brett Concrete
www.brett.co.uk


CEMEX

CEMEX
www.cemex.co.uk


Hanson
HEIDELBERGCEMENT Group

Hanson
www.heidelbergcement.com/uk/en/hanson/home.htm


LAFARGE
TARMAC

Lafarge Tarmac
www.lafargetarmac.com


LKAB

LKAB Minerals
www.lkabminerals.com

LYTAG[®]
lightweight aggregate

Lytag
www.lytag.net

EUROMIN
LIMITED

Sea Aggregates part of Euromin
www.euromin.co.uk

Reinforcement Steel

CELSA
STEEL UK

CELSA Steel
www.celsauk.com

Formwork


ISCHEBECK[®]
TITAN

Ischebeck Titan
www.ischebeck-titan.co.uk


PERI[®]

PERI Ltd
www.peri.ltd.uk

Consulting Engineers


flint neill

Flint and Neill
www.flintneill.com

Marine Contractor


Ballast Nedam

Ballast Nedam
www.ballast-nedam.nl


DEME
Dredging, Environmental
& Marine Engineering

DEME Group
www.deme.be

Ports, Aggregates and Concrete


KPL

Kishorn Port /Leith's
www.kishornport.co.uk

Gravity Foundation Solutions

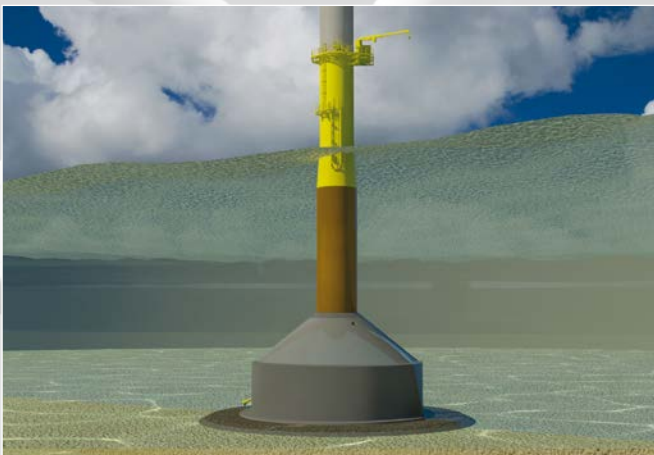
Offshore Wind

MPA The Concrete Centre has formed an interest group of companies and consortia capable of providing gravity foundations to offshore wind developments.

As wind farm sites move further offshore and into deeper waters new foundation solutions are required.

Concrete gravity foundations offer a solution for the majority of soils and water depths around the UK. Where rock is present near the sea-bed, they may well prove to be the only viable foundation type.

There are a range of gravity foundations available, providing choice and competition thus ensuring a robust supply chain and cost-competitive solutions.



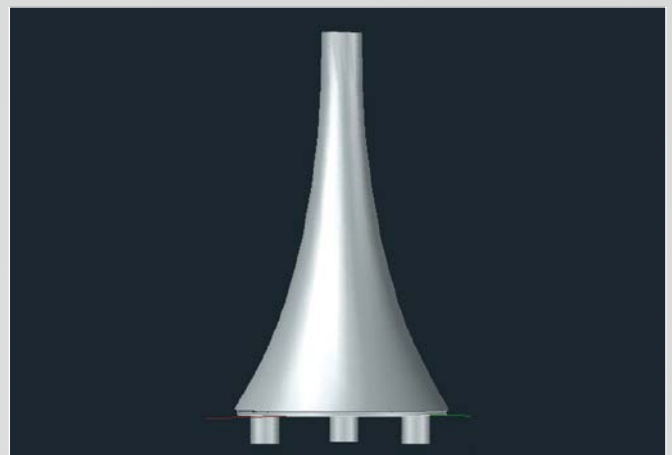
Provider: BAM Wind Energy in partnership with Van Oord Offshore Wind Projects



Provider: GBF®: Ramboll, Freyssinet and BMT Nigel Gee



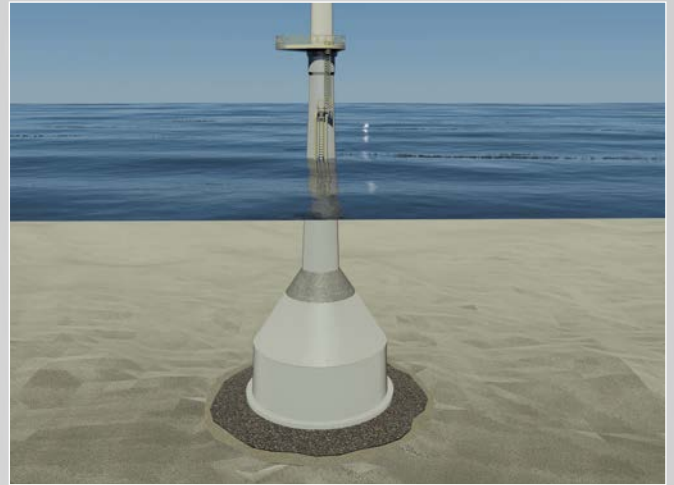
Provider: Gravitas Offshore



Provider: Ocean Foundations



Provider: Seatower



Provider: Skanska, Boskalis Offshore and Grontmij



Provider: Strabag



Provider: Vici Ventus

The Benefits of Concrete Gravity Bases:

- Cost-effective
- Low carbon
- Low maintenance
- Local materials
- Whole-life performance
- Durable in the marine environment
- Minimises the impact to marine mammals
- Supports UK economy



Provider: VINCI Offshore Wind UK in collaboration with DEME Group