A group of leading offshore companies have joined together to realize a unique floating tidal energy platform which will be moored near Texel in the Wadden sea of The Netherlands and generate clean electricity from the tides. It is of an innovative modular design.

“This platform can be shipped and installed anywhere in the world, to provide clean electricity in remote areas and small islands, replacing expensive and polluting diesel generators”
Allard van Hoeken, Head of New Energy at Bluewater Energy Services

The unique cooperation between Bluewater, Damen, Van Oord, Tocardo, Schottel Hydro, TKF, Vryhof, NIOZ, Nylacast and TTC bundles extensive experience in the maritime and offshore industry, in the field of design and operation of mooring platforms, shipbuilding, offshore dredging and installation, tidal turbines, power cables, anchors, research at sea and synthetic materials.

BlueTEC in Texel
The BlueTEC platform is developed for cost effective installation, operations and maintenance of tidal turbines. This floating platform accommodates all vulnerable electronics equipment inside the unit, where it is dry and protected, yet allowing for easy access for inspection, maintenance and repair. The platform can be disconnected from the moored location and taken to a local port for heavy repair when needed.

The Texel platform is the small, simple and robust version of BlueTEC. Aimed at remote locations, it consists of container size modules, can be assembled locally and installed without sophisticated equipment. It holds up to 200 kW tidal turbines that power part of the island of Texel.

Please visit our website: www.bluewater.com/new-energy
**BlueTEC Product Factsheet**

**Unique advantages of the BlueTEC System**

- **Clean electricity from the tides**
- **For remote locations worldwide**
- **Simple, robust and cost-effective**
- **Local easy assembly and installation**
- **Direct access for maintenance**

**A worldwide benefit!**

Providing energy to local villages. For example, to generate power for cooling facilities and to provide lighting at schools, which will be a structural benefit for local economies in remote areas.

**Harvesting clean and sustainable energy**

New Energy introduced Bluewater’s Tidal Energy Converter (BlueTEC), a moored floating platform that can hold multiple tidal turbines. Unlike conventional seabed mounted designs, BlueTEC offers significant advantages by accommodating most of the critical equipment dry and protected, for easy access for inspection, maintenance and repair.

**Contact us**

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