

PRESS RELEASE

19th July 2011

RENEWABLE ENERGY DEVELOPMENT - TIDAL

TidalStream Limited, developers of the 'Triton' tidal turbine platform system, is pleased to announce a major investment in the company by SCHOTTEL GmbH, a marine propulsion company based in Spay, Germany.

The investment will enable the full scale development and commercialisation of the unique Triton floating platform system. This technology promises to significantly reduce the cost of tidal energy and accelerate the achievement of CO₂ reduction targets.

SCHOTTEL is not only constantly working to improve the traditional product range. The company has always been quick to break new ground and apply proven technologies to new products or different applications. Renewable energy is an interesting and forward-looking addition to the portfolio. Besides capital SCHOTTEL will provide technical expertise and management support on the way to industrialisation. "We strongly believe that a platform technology that enables efficient installation of large power arrays and easy maintenance access is of key importance for the economic harvest of energy from tidal currents. This is provided by the Triton technology!" said Gerhard Jensen, CEO of SCHOTTEL.

Triton features a semi-submerged turbine-carrying catamaran structure secured to a seabed anchorage by a rigid swing-arm tether. This platform can be towed to site already assembled, then deployed into its operating position by water ballasting. De-ballasting will bring the system to the surface when required for maintenance or repair. The Triton concept is adaptable and can accommodate turbines provided by different developers.

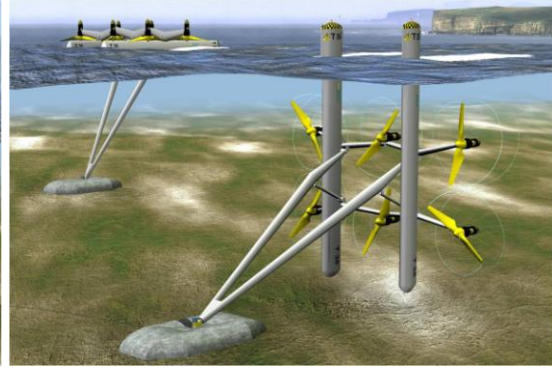
Various versions of Triton are being progressed including the Triton 3 which is designed for mid-depth tidal flow sites and can generate up to 3MW from a single installation. Triton 6 is designed for deeper waters and can accommodate turbines of up to 10MW capacity. Triton S is designed to operate totally submerged for non-surface piercing applications.

Triton platform systems can provide:

- up to 10MW of turbine capacity
- float-out installation and removal
- on-board access for scheduled maintenance and unplanned repairs, with minimal downtime
- catamaran sea-going stability for the roughest conditions
- cost of energy at or below that achieved by offshore wind
- adaptability to mount various turbine designs



Triton 3



Triton 6

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Note to Editors:

TidalStream Ltd was incorporated in 2008 to further develop and commercialise the basic technology initially developed by TidalStream Partners. Development work was carried out over between 2005 and 2010 through private funding and support by the UK DTI. Ramboll UK, who contributed to the DTI programme, are also an investor in TidalStream Limited. The TidalStream website www.tidalstream.co.uk has further information on the technology and how it works.

The SCHOTTEL Group, with its headquarters in Spay/Rhine, is one of the world's leading manufacturers of propulsion and steering systems for ships and offshore applications. Founded in 1921, the company has been developing and manufacturing for almost 60 years azimuth propulsion and manoeuvring systems, controllable pitch propellers with power ratings of up to 30 MW, and steering systems for vessels of all sizes and types. Around 100 sales and service locations worldwide ensure customer proximity. See also the SCHOTTEL website: www.schottel.de .

The Energy Technologies Institute in the UK has indicated roadmap targets for tidal and wave power of 250 - 450 MW installed per annum by 2020, and 500 - 1200 MW pa in 2030 for the UK alone.