



PRESS RELEASE: IT POWER AND FRAUNHOFER IWES ANNOUNCE NEW PARTNERSHIP DURING MARINE ENERGY SYMPOSIUM

London and Kassel , 15th October 2012.

IT Power and the Fraunhofer Institute for Wind Energy and Energy System Technology IWES are pleased to announce their new partnership to provide the marine energy sector with a comprehensive end-to-end technical design, consulting and R&D service offering.

As the marine energy sector continues to evolve from early stage concepts towards project arrays, IT Power and Fraunhofer IWES are uniting forces to provide robust research, design and consulting support during the challenging technical evolution of the sector. Their combined service offering will enable start-up, mid-scale, full-scale technology companies or project developers to apply experienced support to deliver their technical solutions.

“Designing robust and efficient marine energy extraction technologies is a difficult task. There are many interesting concepts, but finding the right companies with the historical legacy to support it, can be tough,” says Abbie Badcock, Business Development Manager at IT Power.

She adds, “We are in a fortunate position to have been designing and offering technical support to the marine energy industry from the very beginning – since 1991. We’ve also been actively working with Fraunhofer IWES since 1995, so we’re pleased to present a cohesive service to really help technology and project developers.”

When discussing the significance of research and modelling tools, Jochen Bard from Fraunhofer IWES stated that, “It’s all about the design and really understanding the marine environment these technologies are expected to operate within. The Fraunhofer IWES has made significant contributions to develop new wave and tidal devices, to test these technologies and their components every step of the way, while building on Wind energy design skills.”

As many companies look towards the Wind energy sector for answers, applying that knowledge to marine energy technologies offers a lot of positives.

“Being able to apply our research to practical projects is beneficial to the marine energy industry, as well as to our scientists!” Bard adds. “We’re thrilled to be partnering with IT Power to provide a combined approach to our customers wanting technical design assistance, project design support or market entry advice, and we look forward to a long and fruitful partnership together.”

The two organisations will be showcasing their combined services this week during the 4th International Conference on Ocean Energy in Dublin from 17th-19th October. The event is set to

attract over 750 international visitors all looking to get to grips with marine energy technical challenges.

For further details, please contact:

Abbie Badcock
Marketing and Business Development Manager
IT Power
abbie.badcock@itpowergroup.com
+44-203-3970-336
www.itpower.co.uk/marine

Or

Jochen Bard
Head of Department Energy Converters and Storage Systems
Fraunhofer IWES
jochen.bard@iwes.fraunhofer.de
+49-561-7294-346
www.iwes.fraunhofer.de

NOTES FOR EDITORS:

IT Power was founded in 1981 and started our marine energy work in 1991, developing the world's first commercial scale tidal energy device, Seaflow for Marine Current Turbines. Since then, we've provided engineering design and modelling services on over 50 projects and have developed several large designs.

The company is an independent, international renewable energy consultancy with a specialist team dedicated to marine energy design and support services.

Our dedicated team of experts include:

- Mechanical and electrical engineers
- Naval architects
- Hydro-dynamists
- Oceanographers
- Environmental scientists
- Numerical modellers

Consultancy services are provided in all aspects of renewable energy including off shore wind, and engineering design modelling of wave and tidal energy technologies.

Fraunhofer IWES The research activities of the Fraunhofer Institute for Wind Energy and Energy System Technology cover wind energy and the integration of renewable energy into supply structures.

Fraunhofer IWES was established in 2009 as a merger of the former Fraunhofer Centre for Wind Energy and Maritime Engineering CWMT in Bremerhaven and the Institute for Solar Energy Technology ISET in Kassel, established in 1988. Today IWES employs around 500 scientists, engineers, non-technical staff, and students with an annual budget of approximately 30 million euros per year.