



The PFI awards in London, January 2012

## Deutschland Land der Ideen



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Dipl.-Wirt.-Ing. (FH) Willi Balz

# GLOBAL TECH I

Profitable investment in the award-winning offshore wind farm starting from EUR 250,000

Return on equity of more than 10%

BBB+ rating by Creditreform

Proceeds of over EUR 20 million achieved

More than half of the hardware completed

The wind farm is fully financed

Most important component, transformer station, successfully installed

3x State-guaranteed through German Renewable Energy Act and liability rule in case of grid problems

Your personal contribution to the energy transition

Constant and strong North Sea wind ensures constant, high and secure rate of return

### Result

Even, secure, and more profitable than onshore. Base load-capable, storage not necessary. Thus fair electricity prices for the consumer

### Award-winning project

“We are more than delighted by this honour” says Dipl.-Wirt.-Ing. (FH) Willi Balz, founder and managing director of Windreich GmbH, upon receiving the “Wind Project of the Year 2011” award from the renowned magazine, Project Finance International for his first offshore project Global Tech I. Two further awards from the prestigious magazines Infrastructure Journal and Environmental Finance followed in April and June 2012 respectively.

## Global Tech I

“Wind Project of the Year“



### Sustainable Investment

Global Tech I, a pioneering North Sea project of Windreich implemented the largest renewable energies financing worldwide with a financing volume of more than one billion euros. This opens up new, interesting and environmentally friendly investment opportunities with highly attractive return on equity.

Intelligent design of contracts with leading European partners allows for risk minimization and imminent commencement of operation.

Windreich has proven: Germany can successfully implement major projects!

### Windreich

We have been working towards a sustainable energy supply for almost 15 years: Windreich is one of the most successful wind energy pioneers. In the past, we have proven this in the onshore segment. Today, we consequently and successfully apply this unique wealth of experience to project planning, realization and management of large offshore wind farms in the German North Sea.

As a group of companies, we have planned, financed and / or operated more than 1,000 wind turbines to date. This corresponds to an installed power output of over two gigawatt. We bring together state-of-the-art technology, your economic success as well as tens of thousands of secure jobs, thus making a critical contribution to the energy transition.

In addition to our long-standing experience we possess yet another unique feature: Our nationwide unrivalled record of success in the planning, financing and implementation of wind farms in the German North Sea. This is where we are a critical step ahead of our competitors:

**For the first time, private investors have the opportunity to commit to an exemplary North Sea project, which has already achieved proceeds of over EUR 20 million owing to the current progress of the construction works.**

As of: 07/2013



\* Awarded for the CO<sub>2</sub>-neutral motor glider „Windreich Arcus E“



» GT I is the best wind project of the years 2011 and 2012. «

„Project Finance International“

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Transformer station built by ALSTOM is set up 22m above water



AREVA - state of the art rotor blades



Reliable investment in the market of the future

### Global Tech I - German Engineering in the North Sea

The offshore wind farm Global Tech I with 80 wind turbines, each with a capacity of 5 MW, covers an area of 41 square kilometres. Construction started in August 2012 as scheduled. The Hochtief installation vessel "INNOVATION" is currently installing the foundations of the turbines. From summer 2013, significant electricity revenues will be achieved. By mid-2014 the last wind turbines will have been installed. **To this day, proceeds of over EUR 20 million have been achieved owing to the current progress of the construction works.**

### Return of over 10%

We offer investors the opportunity to participate in the economic success of the best offshore project Global Tech I starting from **EUR 250,000** and achieve a return on equity of **more than 10% without personal liability.**

### Grid connection secured

Transmission grid operator TenneT TSO GmbH is responsible for energy transmission from the GT I transformer station. The Federal Network Agency has issued the **unconditional grid connection confirmation.** A cable route for power transmission to the Ruhr area is available and has been utilized by two other offshore wind farms for years. Thus, Global Tech I is one of the few North Sea projects **with a secured grid connection.**

### Sustainable climate and environmental conservation

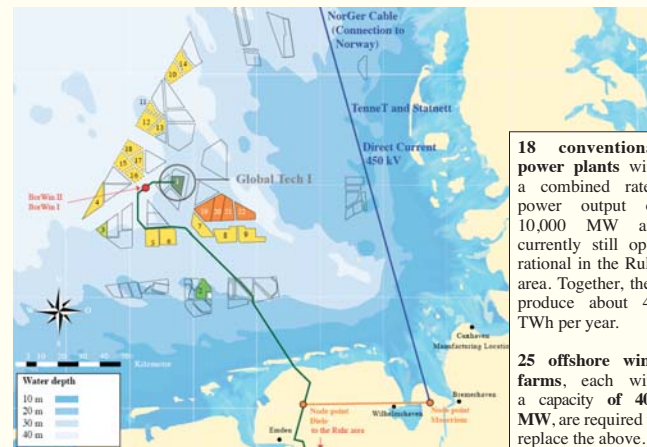
GT I supplies more than one million people with clean, safe and green electricity. This wind farm will prevent CO<sub>2</sub> emissions of more than 1.5 million tons or about five tons of nuclear waste annually.

### EEG Remuneration and cost benefits

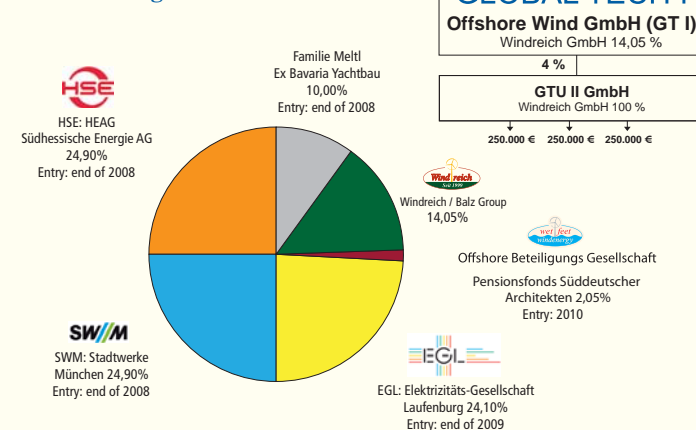
A remuneration of 19 ct. / kWh / 8 years and 15 ct. / kWh / 4 years thereafter is guaranteed by the German Renewable Energies Act (EEG). The number of full load hours per year is 2.5-3 times higher than in the onshore segment.

### Outstanding wind location

Global Tech I is situated about 110 km northwest of Cuxhaven. The test wind farm alpha ventus, which is located 50 km closer to the shore, features average wind speeds of **10.5 m/s** and **362 days** of electricity generation annually, thus confirming the **base load capacity of North Sea wind energy.** Yields of the weaker wind years of 2011/12 accumulated to **4,460 full load hours**, this is **30%** higher than predicted by the Fraunhofer Institute!



### Shareholding Structure GT I



### AREVA wind turbines - strong and reliable

The 80 wind turbines of type AREVA Wind M5000 were developed specifically for North Sea conditions and are built from German components in Bremerhaven. A **10-year full service contract with guarantee was concluded with the French public enterprise AREVA S.A.** Global Tech I reliably generates **electricity revenues of approx. EUR 340 million per year.**

### Contact

For further information or questions regarding our offshore wind farm, please contact us on **+49 (0) 7022 / 95 30 60.** Our team is happy to assist you.

\*\* an offshore rotor blade has a length of 58 meters

\*\*\* the tripod weighs 912 tons



Our transformer station partner



Our wind turbines partner



Our construction partner