

7 December, 2017

The information contained within this announcement is deemed to constitute inside information as stipulated under the Market Abuse Regulations (EU) No. 596/2014. Upon the publication of this announcement, this inside information is now considered to be in the public domain.

**Windar Photonics plc**  
("Windar" or the "Company")

## **The Carbon Trust chooses Windar to supply LiDARs in its Wind Farm Control Trials in the UK**

### *Highlights*

- Windar to supply eight WindEYE™ sensors in a €2.3 million UK wind farm controls project backed by EnBW, E.ON, Innogy, Statoil and Vattenfall
- Project intends to demonstrate the effective implementation of wind farm control strategies, including turbine nacelle mounted LiDARs, in reducing levelised cost of energy

Windar Photonics plc (AIM:WPHO), the technology group that has developed a cost efficient and innovative LiDAR wind sensor for use on electricity generating wind turbines, is pleased to announce that it has been selected as the LiDAR supplier to a new multimillion euro project launched as part of The Carbon Trust's Offshore Wind Accelerator programme in the UK.

Windar will supply eight WindEYE™ sensors to be installed on offshore turbines as part of The Carbon Trust's €2.3 million wind farm control trials ("WFCT"), designed to demonstrate how effective implementation of control strategies can reduce the cost of offshore wind. The project - backed by EnBW, E.ON, innogy, Statoil and Vattenfall - will investigate the impact of focusing on strategies that aim to improve energy generation across an entire wind farm, rather than individual turbines and help to lower the levelised cost of energy ("LCoE"). The WFCT intends to demonstrate a lower LCoE by increasing the total wind energy yield and reducing fatigue, thus saving operational and maintenance costs while also increasing the availability and lifetime of existing and future assets. The WFCT is expected to be undertaken in 2018 with full results expected during 2019.

### **Jørgen Korsgaard Jensen, Chief Executive Officer of the Company, commented:**

"I am delighted that Windar has been selected to supply WindEYE™ sensors to such a significant project backed by major industry players. We are confident the project will focus industry attention on the multiple benefits of our WindEYE™ systems, from increasing wind energy yield, reducing turbine fatigue, lowering operational and maintenance costs and ultimately reducing the levelised cost of energy for energy producers."

### **James Sinfield, Manager at the Carbon Trust, commented:**

"The project has the potential to have a significant impact on cost reduction with a win-win on improving annual energy production and at the same time reducing operational and maintenance costs."

### **For further information:**

<b>Windar Photonics plc</b>	Jørgen Korsgaard Jensen, CEO	+45-24234930
<b>Cantor Fitzgerald Europe</b> <i>Nominated Adviser and Broker</i>	Andrew Craig Richard Salmond	+44 (0)20 7894 7000

**About Windar:**

Windar Photonics is a technology group that develops cost-efficient and innovative Light Detection and Ranging ("LiDAR") optimisation systems for use on electricity generating wind turbines. LiDAR wind sensors in general are designed to remotely measure wind speed and direction.

<http://investor.windarphotonics.com>

Further information on The Carbon Trust's Offshore Wind Accelerator Programme, please visit:

<http://www.carbontrust.com/offshore-wind/owa/demonstration/wfct/>