



**For immediate release:**

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**Exclusive Aviation Weather Lidar range Introduced**

Brussels (Belgium) – Leosphere SAS, a world leader in Lidar technologies for atmospheric observations, announced its first dual range of products dedicated to the air traffic industry today at the Meteorological Technology World Exhibit.

The **WindCube200s** is a new generation of long range scanning wind doppler lidar that addresses the landing and take off atmospheric related hazards : gust fronts, microbursts, windshears, wake vortices.

The **R-Man510**, a Raman Lidar Super Ceilometer, comes as an answer to volcanic ash threats at cruising altitudes.

“Weather services and air traffic managers required new remote sensing techniques to take both safe and cost effective decisions when the atmosphere holds unexpected hazards such as ash clouds coming from volcanic eruption, or wind shears in landing or take off areas” said Laurent Sauvage, Scientific Director for Leosphere.

“Since the formation of our company, we have always believed that Lidars, a laser-radar able to see invisible atmospheric phenomenon up to 15 kilometers, could serve the air traffic industry. The simultaneous launching of these two products, a wind Doppler Lidar and an ash threat detection Lidar Super Ceilometer, moved by the same spirit of high performance and low cost, makes our company very proud to help make the air space safer.

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**NOTES TO EDITORS:**

High-resolution product images are available on request

**About Leosphere**

Leosphere is a leading specialist in the development of lidar technology for atmospheric observations. The company offers turnkey remote sensors that provide real-time tracking and measurement of particles, clouds, and wind. Leosphere’s products are used in various applications including, wind energy, climatology, meteorology, and air quality. For more information, visit [www.leosphere.com](http://www.leosphere.com)