

eolos

Wind // Ocean // Environment

Global provider of bankable wind, ocean and environmental data for the offshore wind industry.



Wind



Metocean



Environmental



EOLOS Floating Lidar Solutions S.L

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To discuss what EOLOS can do
for your organisation, contact us at:
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Uncertainty level 2-4%



>360 Months of campaign
measurements



>95% Average
System Availability



Certified STAGE-3
to Carbon Trust Roadmap



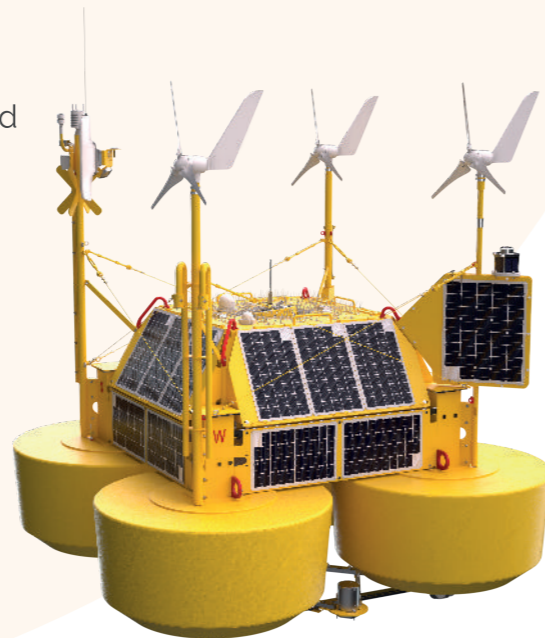
Global Operations
including Europe,
Asia and Americas

- Business Model Bankability improvement.
- Accelerate development and acceptance.
- Wind Turbine and layout optimisation.
- Foundations cost reduction.
- Performance and lifetime extension.



KEY FEATURES

- Designed specifically for the offshore wind industry.
- Accredited quality processes, achieving and maintaining certification for ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018.
- Highly accurate, using the market leading ZX Lidars 300M continuous wave **ZXLidars**
- Versatile, it requires just a few weeks to get authorised and installed and can be easily re-deployed at any other location.
- All-in-one system, equipped with fully autonomous and remote sensing devices powered by renewable energy sources and batteries.
- Cost Effective, offering bankable wind assessments to forecast wind energy potential.
- Modular structural skeleton providing a low weight system, easy to install and deploy.



References upon request

WIND MEASUREMENTS

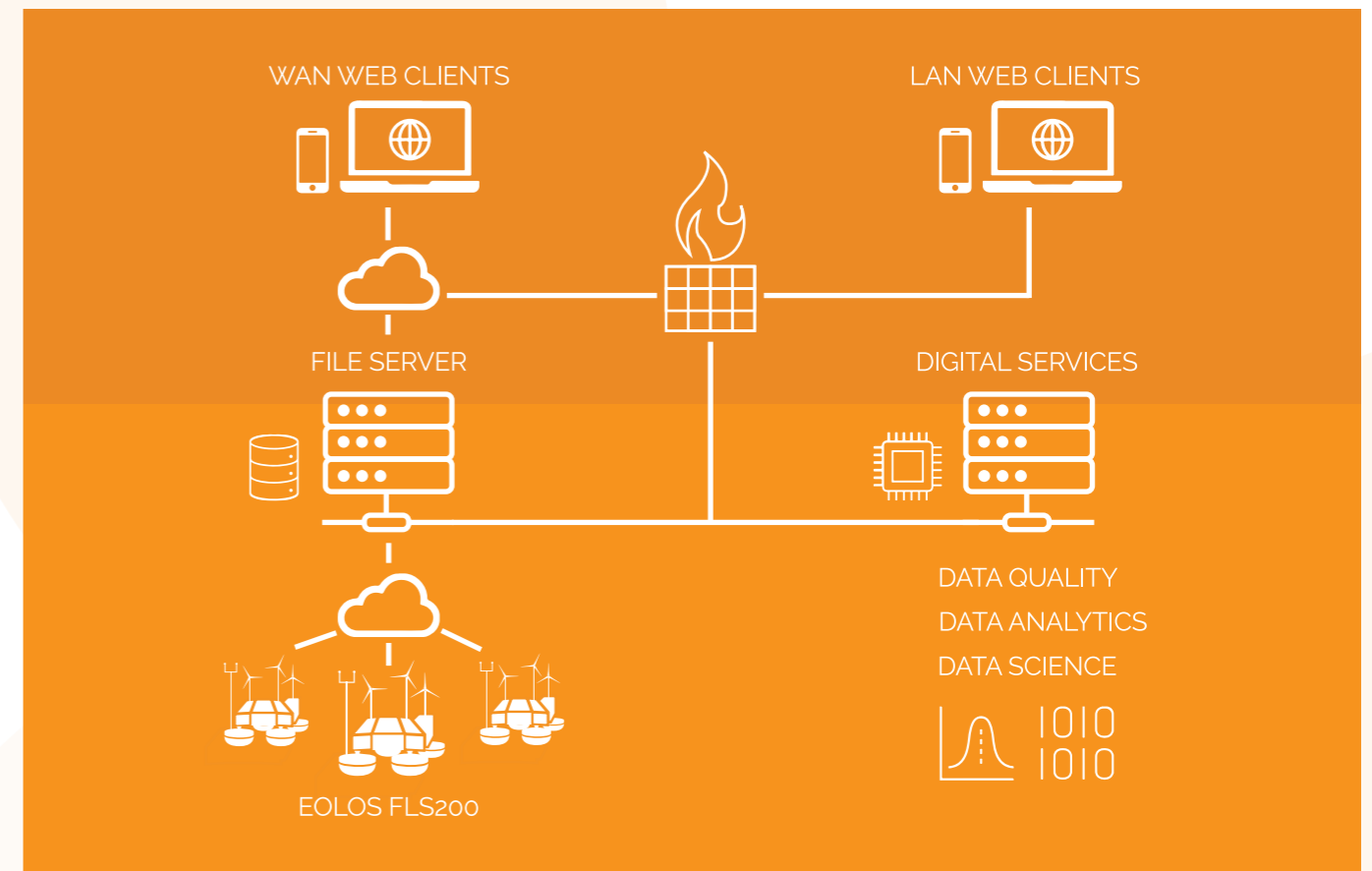
- Wind speed at pre-defined height intervals
- Wind direction

OCEAN MEASUREMENTS

- Wave heights, surge and direction
- Local weather at sea-level
- Tides (water levels)
- Sun intensity
- Under water current flow and pre-defined depths

ENVIRONMENTAL MONITORING

- Bird migration tracking
- Fish and mammal nanotag counting
- Bat acoustic observation
- Water quality monitoring



EOLOS is a company incorporating the highest standards of Quality, Environment, and Health and Safety assurance evidenced by certification, for the design, production, operation and maintenance of their FLS200 meteorological and oceanographic measurement buoys.