EOLOS Floating Lidar Solutions

Cost-effective, accurate and reliable offshore wind measurements

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Who we are...

❑ EOLOS offers a **cost-effective**, **accurate** and **reliable** measuring system to gather **wind data** at any **offshore** location, at a price which is up to **10x less** than currently used bottom-fixed solutions.

❑ EOLOS helps offshore wind developers to **significantly reduce capital costs** during the development phase, when the final investment decision (FID) has not yet been reached, thus **reducing** a significant **risk** since at this stage only a portfolio approach hedges against failure.

❑ EOLOS has a **balanced senior management** team combining, more than **30 years of specialized experience** in engineering, business and sales in the renewable energy sector.

What is the problema we solve...

❑ Offshore wind farm investments need **reliable wind assessments** to estimate the wind power production at the site.

❑ Performing wind assessments with no high quality on-site data increases the **uncertainty**, hindering the project's bankability and increasing the **financial risks** of the project.

❑ Currently, Offshore wind developers use expensive bottom fixed **meteorological masts**, that can cost up to 10M€ and take various years to deploy due to environmental and permit restrictions.
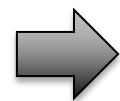
Let's go **FLOATING** and **REMOTE**

Our Solution...

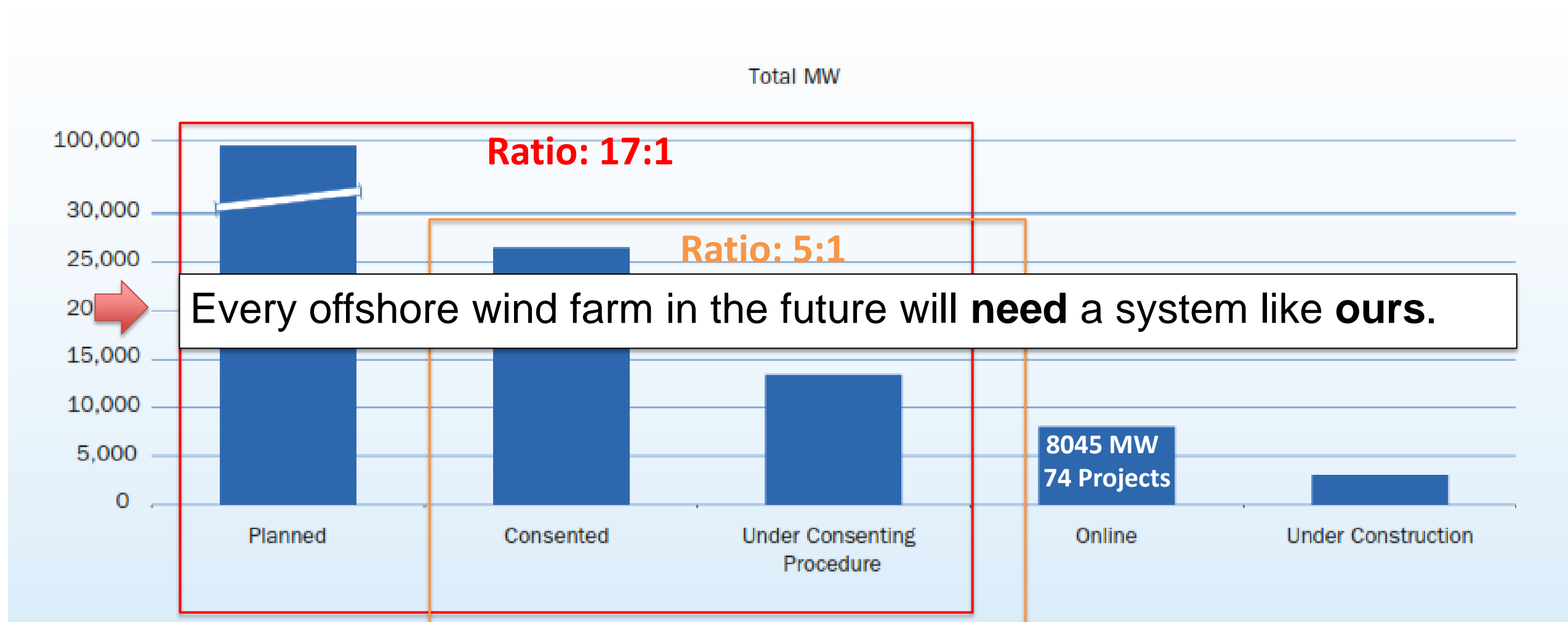**COST-EFFECTIVE HIGHLY ACCURATE RELIABLE**

Up to 10x Less!

REMOTE

FLOATING

How much $$ is there out there for us...

Total MW

Ratio: 17:1

Ratio: 5:1

Every offshore wind farm in the future will **need** a system like **ours.**

100,000

30,000

25,000

20,000

15,000

10,000

5,000

0

8045 MW
74 Projects

Planned | Consented | Under Consenting Procedure | Online | Under Construction
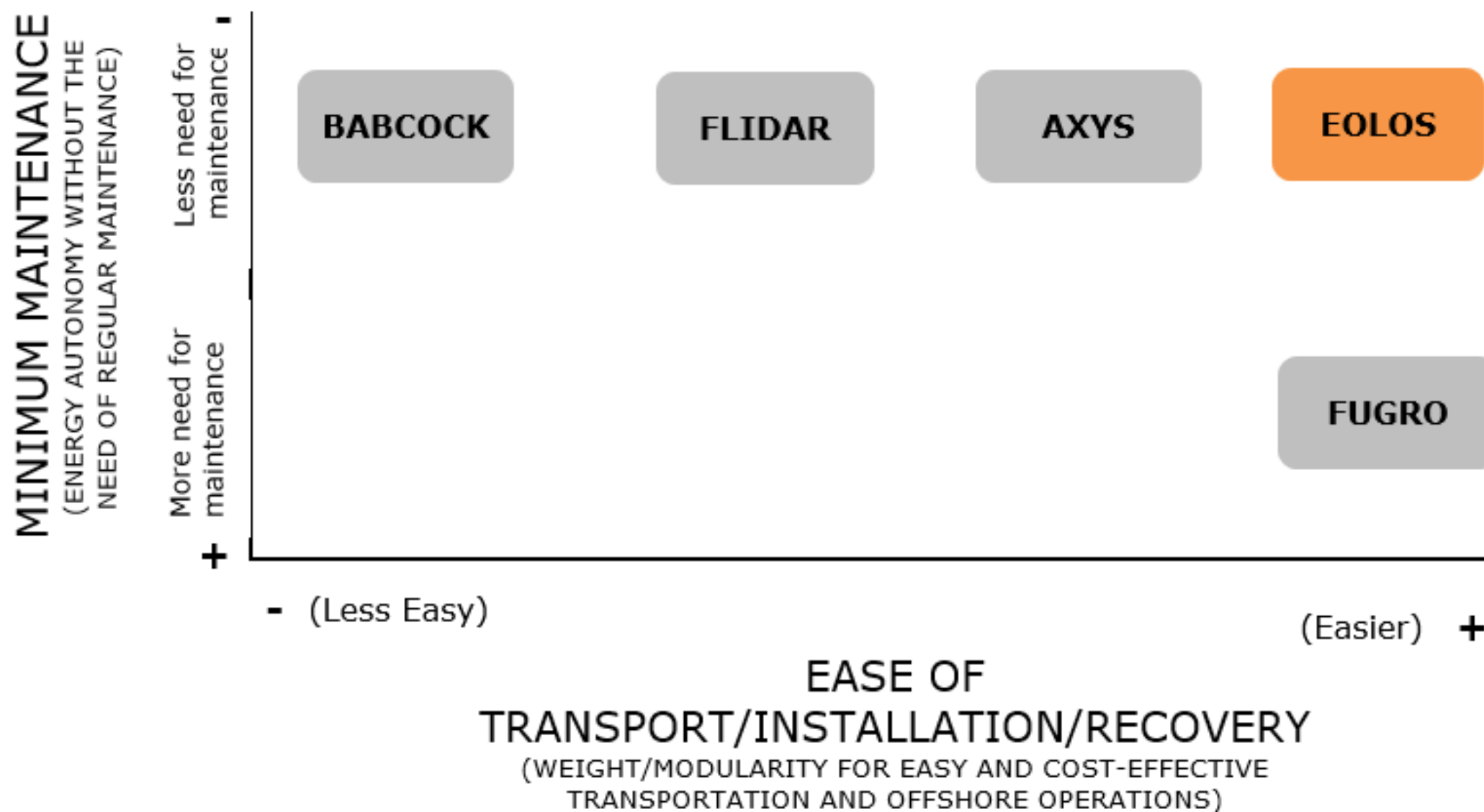
Source: EWEA 2014 (Data for Europe only)

25% annual increase

Total addressable market of **250M€** in 2015 and **750M€** in 2020

What makes us unique...

POSITIONING OF EOLOS

Chart axes:
Vertical: MINIMUM MAINTENANCE (ENERGY AUTONOMY WITHOUT THE NEED OF REGULAR MAINTENANCE) — Less need for maintenance / More need for maintenance

Horizontal: EASE OF TRANSPORT/INSTALLATION/RECOVERY (WEIGHT/MODULARITY FOR EASY AND COST-EFFECTIVE TRANSPORTATION AND OFFSHORE OPERATIONS) — (Less Easy) to (Easier)

Positions: BABCOCK, FLIDAR, AXYS, EOLOS, FUGRO

We are ready to go!

❑ EOLOS is one of the 4 systems in the market which have **commercial acceptance**.

❑ The EOLOS Buoy has been fully validated against an offshore met mast and has shown **above-industry standard correlation and availability results**.

❑ EOLOS is currently negotiating a contract for a commercial deployment in Poland for a **2 year offshore wind measurement campaign**.

EOLOS Buoy Waddenzee

70km

Amsterdam

Netherlands

TBB. The Business Booster
BY KIC INNOENERGY

Thank you
Any questions?

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