

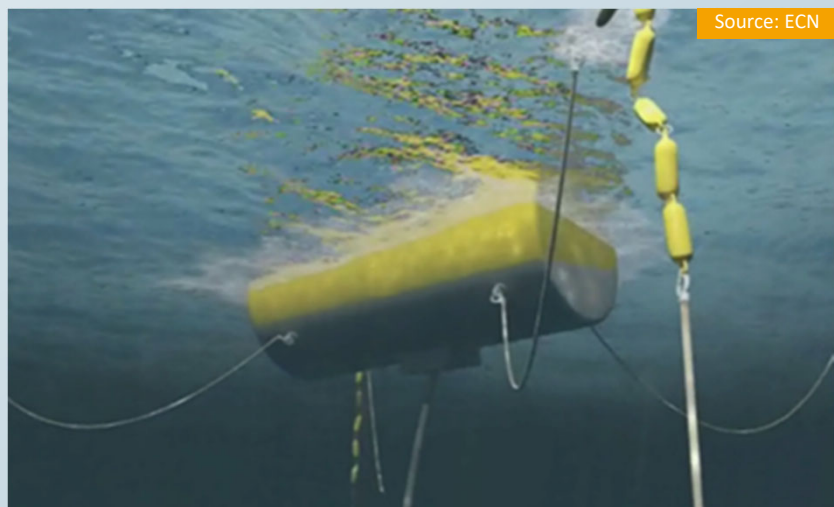
# MHM-EMR

## Mooring health monitoring

Anchoring systems used for floating wind turbines differ significantly from those used by the oil & gas sector due to high dynamics in shallow waters.

Currently proposed solutions to satisfy these new constraints employ new dispositions and materials whose long-term behavior is poorly known and remains non-qualified.

**MHM-EMR** proposes to define an in-service monitoring methodology in order to anticipate risks, optimize maintenance strategies and improve predictions of component longevity within anchor lines.



Source: ECN



Source: DLM



### Objectives:

In service monitoring of MRE anchors to anticipate failures:

- Identification of dimensioning parameters;
- Interpretation of measurements and updating of component longevity;
- Design and maintenance optimization through recommended components and procedures.
- Standards for the operation of measurements

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