



# FAID 2019

## Risk, Regulation, and Insurance of Floating Infrastructure





An aerial photograph of a floating wind turbine in the ocean. The turbine has three white blades and a white tower. It is mounted on a yellow, square-shaped floating platform with a central dark square area. The platform has various equipment and structures on its deck. The water is dark blue with some whitecaps.

# Bruno G. Geschier

Chief Sales & Marketing Officer / IDEOL  
Chairman – Floating Wind Task Force / WindEurope  
Chairman – Scientific & Technical Committee / FOWT



# WHO IS IDEOL ?

**Fully patented technology**

**Founded in 2010**

HQ : Marseille (France)

**Privately held**

Over 50M€ raised

**Fully integrated  
staff of 60+**

90% specialist engineers

**Multiple projects  
ongoing**

across the globe

**Only floating technology with full-scale  
demonstrators on 2 different continents**




# WHO IS IDEOL ?



**We also develop floating substations**






**Floating wind is the  
combination of two  
mature  
technologies /  
industries:**


- **Bottom-Fixed  
Offshore  
Wind**
- **Offshore Oil  
& Gas**







**Floating wind is the  
combination of two  
mature  
technologies /  
industries:**

- **Proven track-  
record**
  - **Time-tested design  
and simulation  
tools**
  - **Experienced  
certification bodies**
  - **Etc.**
- 





The insurance  
market has  
demonstrated a  
strong appetite:

Ideol secured a full  
insurance package Leg  
3 for its demonstrators  
(incl. design and  
manufacturing  
defaults)








The insurance  
market has  
demonstrated a  
strong appetite:

BUT ...

The competitiveness of  
the insurance package  
is highly dependant on  
design safety and  
redundancy





## Ideol's patented technology is:

- The most competitive solution on the market (incl. highest % of local content)
- The most redundant and safe solution (compartmented hull, redundancy on all mooring lines, etc.)






## Example:

- **Mooring line failure** ( w/ spm or 3, 4 mooring line floaters)
- **High chance of dynamic cable failure and/or disconnection /re-connection issues ... with obvious risks of loss of revenue ... and thus insurability issues !!**







For a commercial-scale project (cost of 1.5B€+):

- Stakes are high
- Risks are high
- Proven track-record is key
- Redundancy and conservatism are key (at this stage at least)





# SAVE THE DATE!!

**APRIL**  
**24<sup>TH</sup>, 25<sup>TH</sup> & 26<sup>TH</sup>**  
**2019**  
MONTPELLIER

**FOWT<sub>2019</sub>**  
Floating Offshore Wind Turbines

**FLOATING 3.0:**  
TOWARDS  
THE 1<sup>ST</sup> GW

**THE WORLD'S LARGEST EVENT**  
**DEDICATED TO FLOATING OFFSHORE WIND TURBINES**

[WWW.FOWT-CONFERENCES.COM](http://WWW.FOWT-CONFERENCES.COM)

CRÉATION : STUDIO CUEVAS/BRAND - CRÉDIT PHOTO : DEPOSITPHOTOS

CO-ORGANIZED BY



WITH THE SUPPORT OF







Thank You !!

