Navantia

Your partner at sea

Serial fabrication Large Scale Floating Wind Farms

Wind Europe Bilbao 2019



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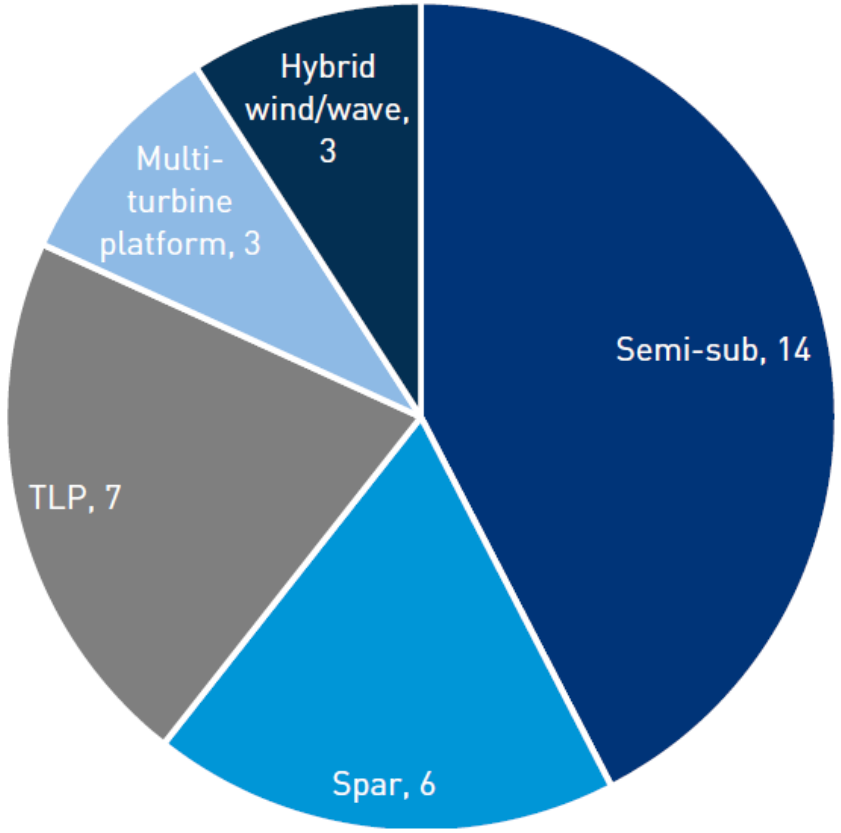
FLOATING OFFSHORE WIND







33 TYPOLOGIES UNDER DEVELOPMENT

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FLOATING OFFSHORE WIND - TOPICS



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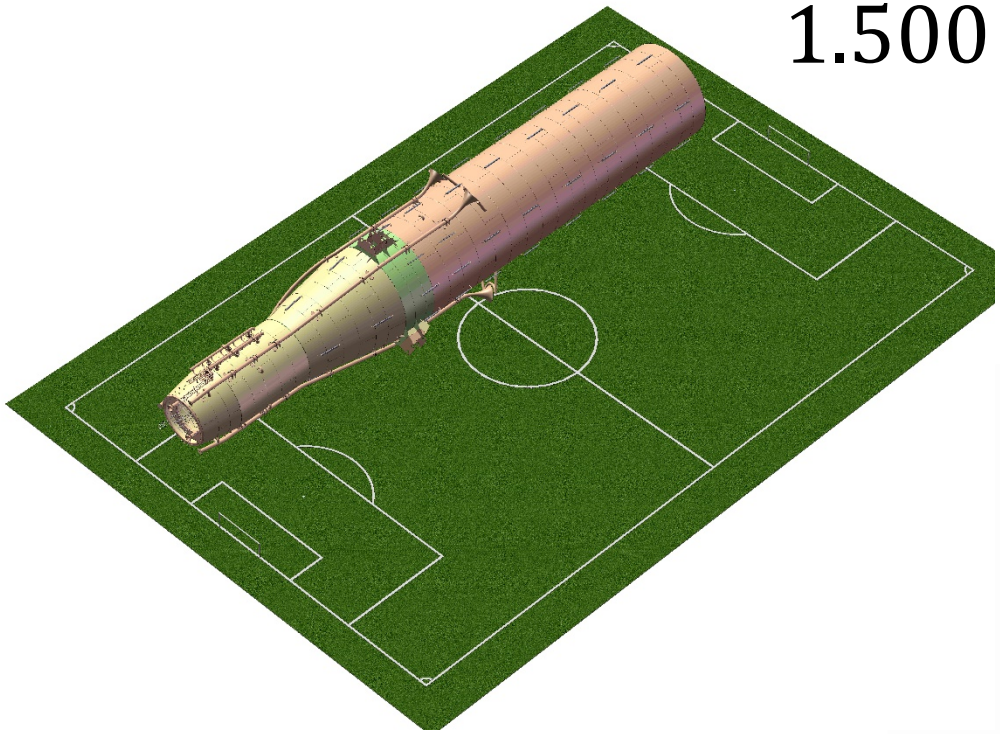
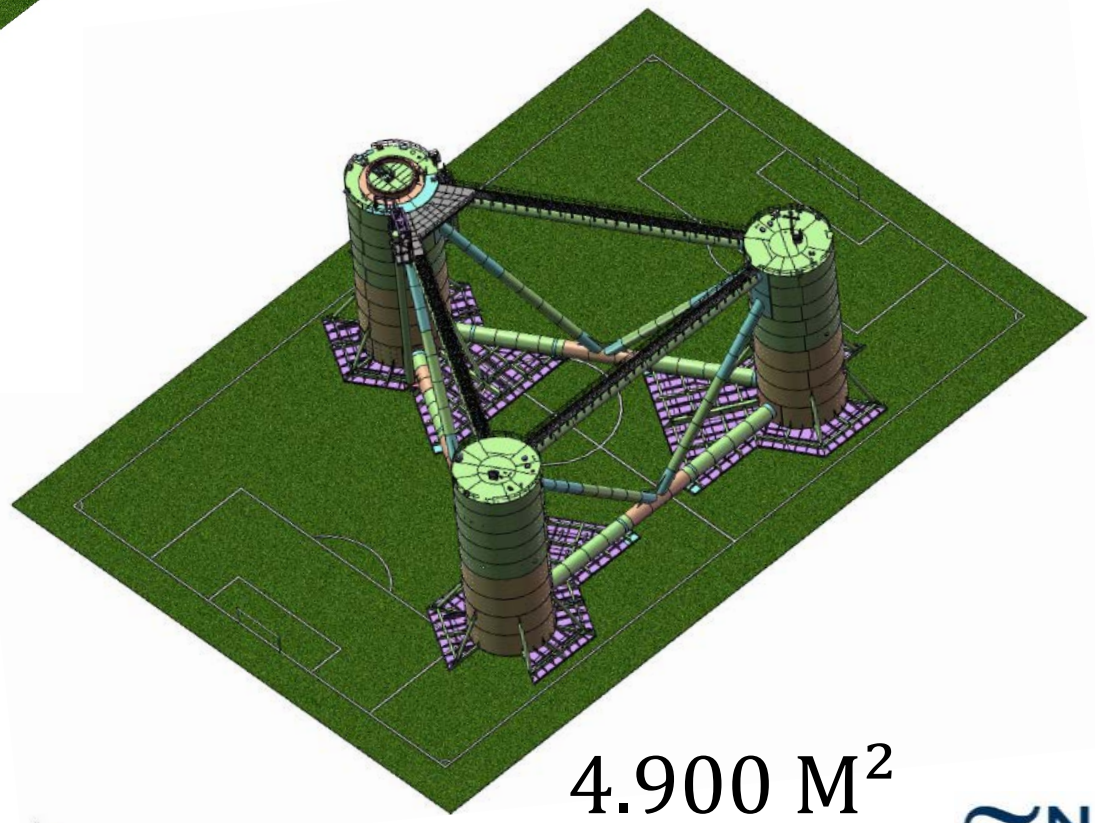
FLOATING OFFSHORE WIND - TOPICS



1.000 M²



1.500 M²



4.900 M²

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LOGISTICS REQUIRED INSIDE THE YARD



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FLOATING OFFSHORE WIND - TOPICS



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SERIAL FABRICATION – NEW CHALLENGES



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APPLY THE LESSONS LEARNED

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YARD REQUIREMENTS FOR FLOATING WIND TO BE CONSIDERED IN THE DESIGN PHASE

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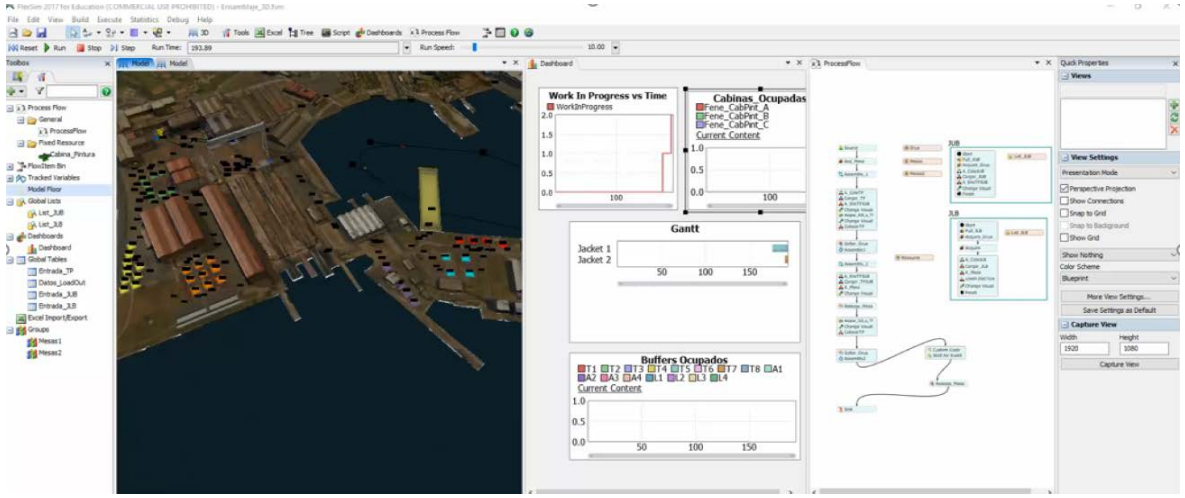
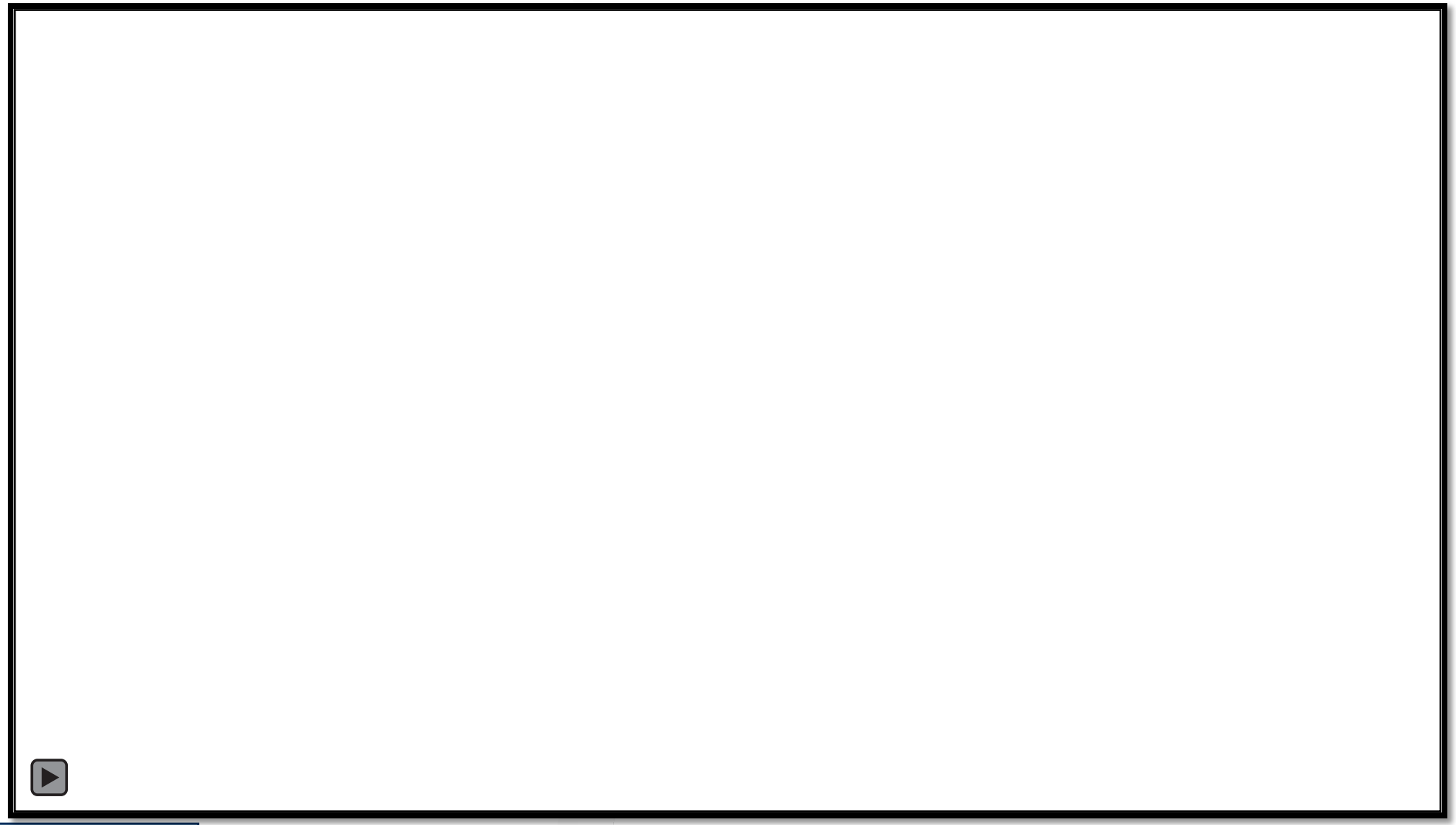
NAVANTIA – SCALE FACTOR





COLABORATION WITH UNIVERSITIES IS ALSO A KEY FACTOR

NAVANTIA – SCALE FACTOR



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SUPPLY CHAIN, A KEY PLAYER IN THE SERIAL FABRICATION SCHEME

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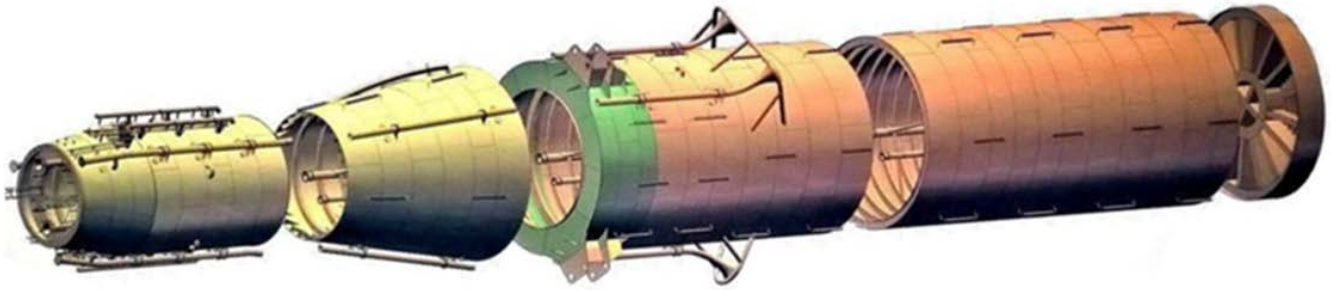
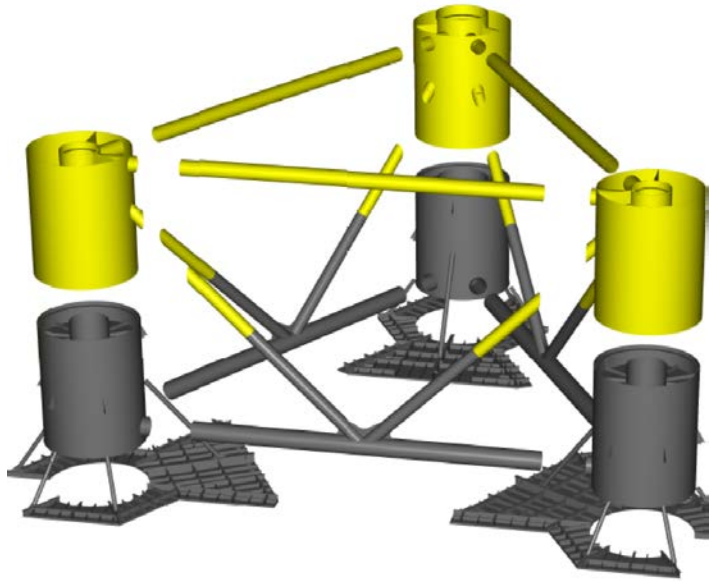


CONCEPTS AS MODULAR AS POSSIBLE TO BE FABRICATED AND ASSEMBLED IN SECTIONS



"Nothing is particularly hard if you divide it in small Jobs" H.Ford

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NAVANTIA – SCALE FACTOR





MORE UNITS PER YEAR



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COLLABORATION WITH PORTS

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ADDING VALUE

MORE THAN ONLY THE PLATFORM

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NEXT STEPS



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NAVANTIA – SCALE FACTOR





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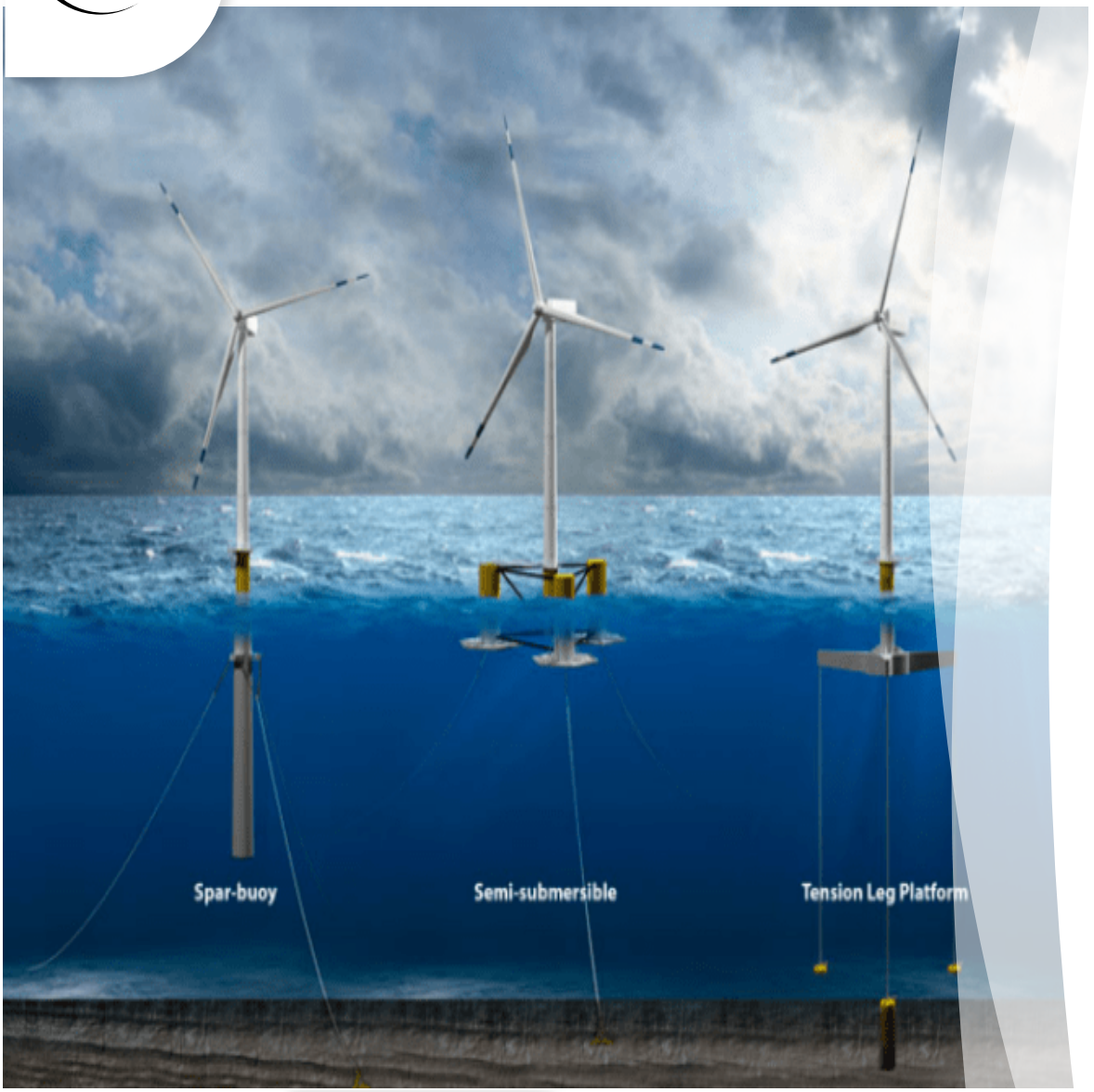

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