

# The Future of Ocean Energy

SBM Offshore

ENERGY. COMMITTED.



# ■ Floating Production Storage and Offloading

**99.4%**

TOTAL PRODUCTION  
UPTIME



**>50**

FLOATING PRODUCTION  
SYSTEMS DELIVERED



**5.9 billion barrels  
of production  
cumulated**



**>330 years**

CUMULATIVE OPERATING  
EXPERIENCE



**1,660,000**

BOPD TOTAL OIL  
PRODUCTION CAPACITY



# ■ Disclaimer

- Some of the statements contained in this presentation that are not historical facts are statements of future expectations and other forward-looking statements based on management's current views and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance, or events to differ materially from those in such statements. Such forward-looking statements are subject to various risks and uncertainties, which may cause actual results and performance of the Company's business to differ materially and adversely from the forward-looking statements.
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*“SBM Offshore believes the oceans will provide the world with safe, sustainable and affordable energy for generations to come. We share our experience to make it happen.”*



# ■ We are committed to Optimize, Transform, Innovate



Best in class



HSSE PERFORMANCE  
ON TIME  
WITHIN BUDGET



Change our ways  
of working



STANDARDIZATION

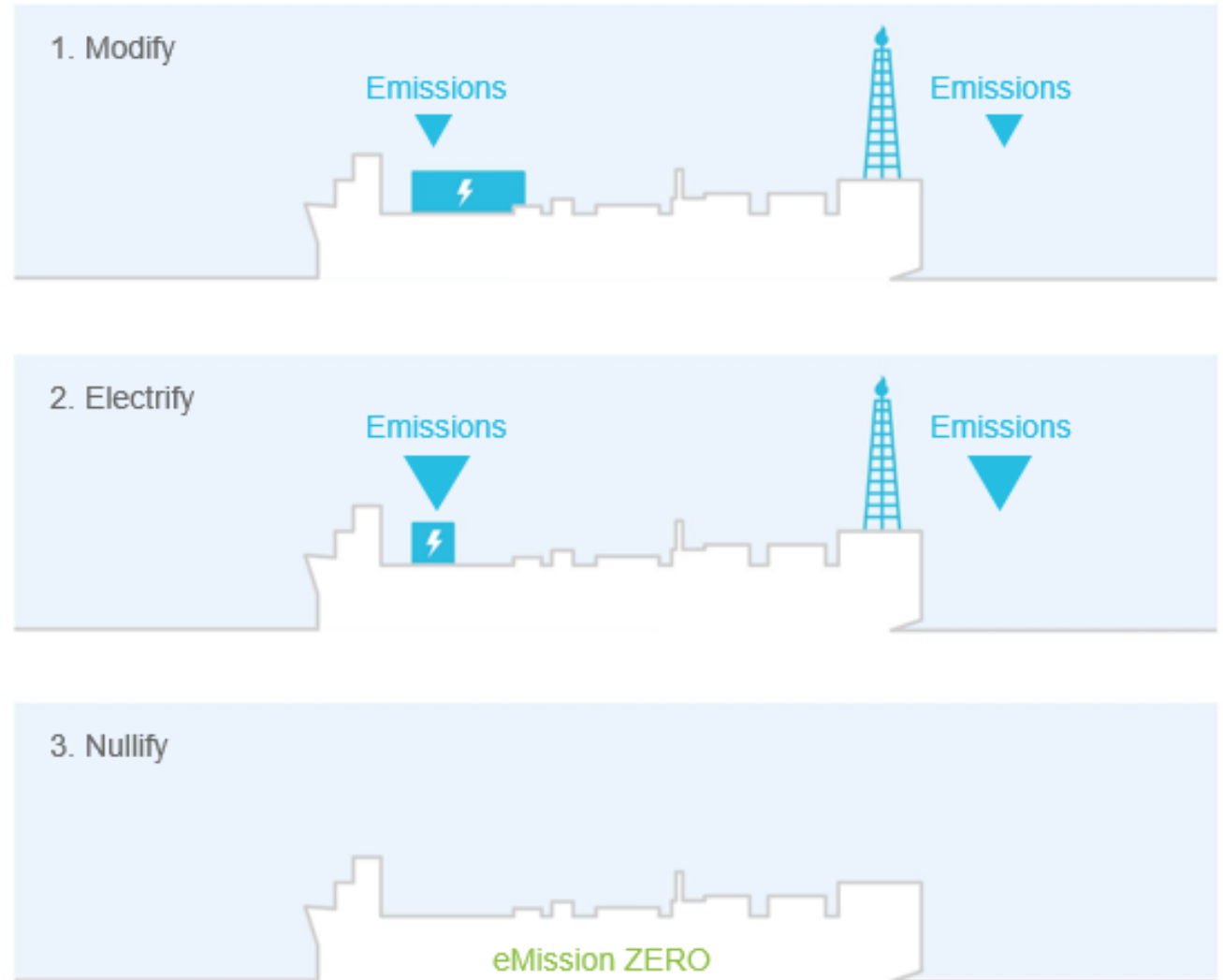
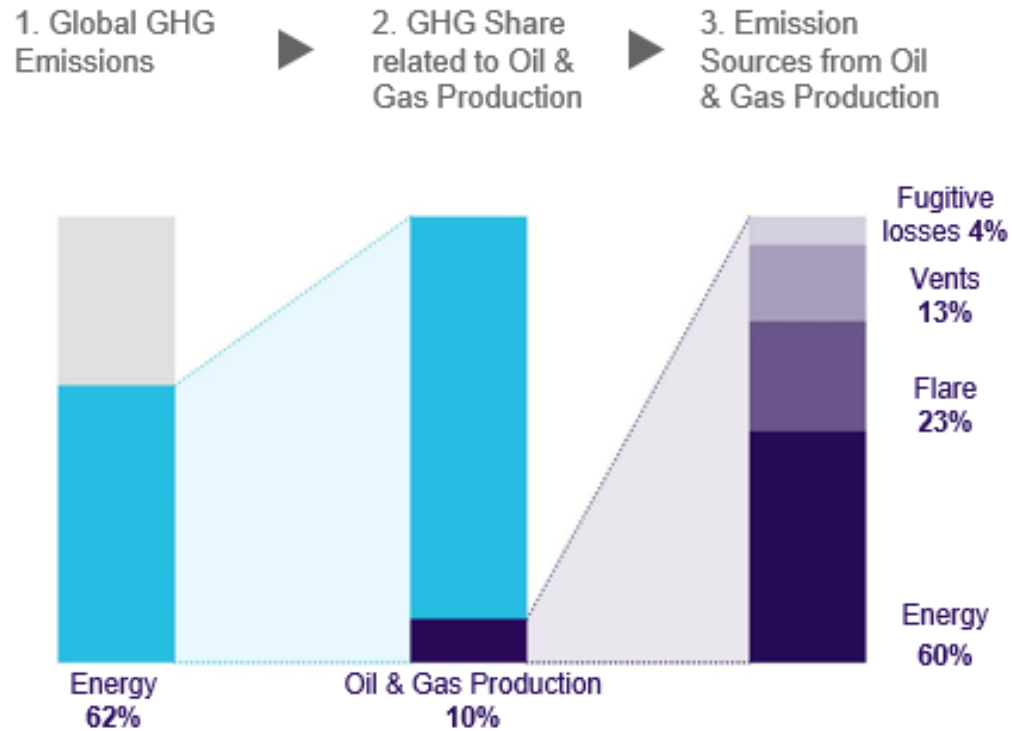


The energy transition



FUTURE GROWTH

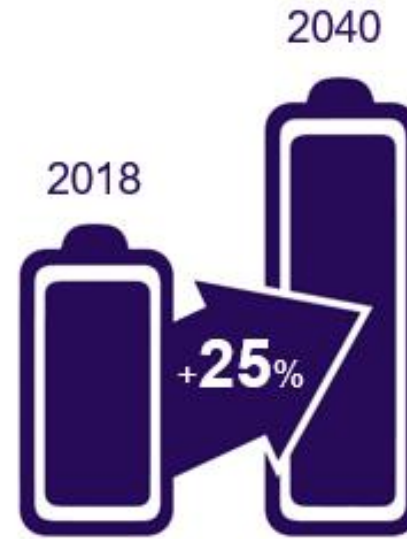
## Global Greenhouse Gas Emissions related to Oil & Gas Production



**25%** of SBM Offshore revenues to come from Gas & Renewables by **2030**



Global population

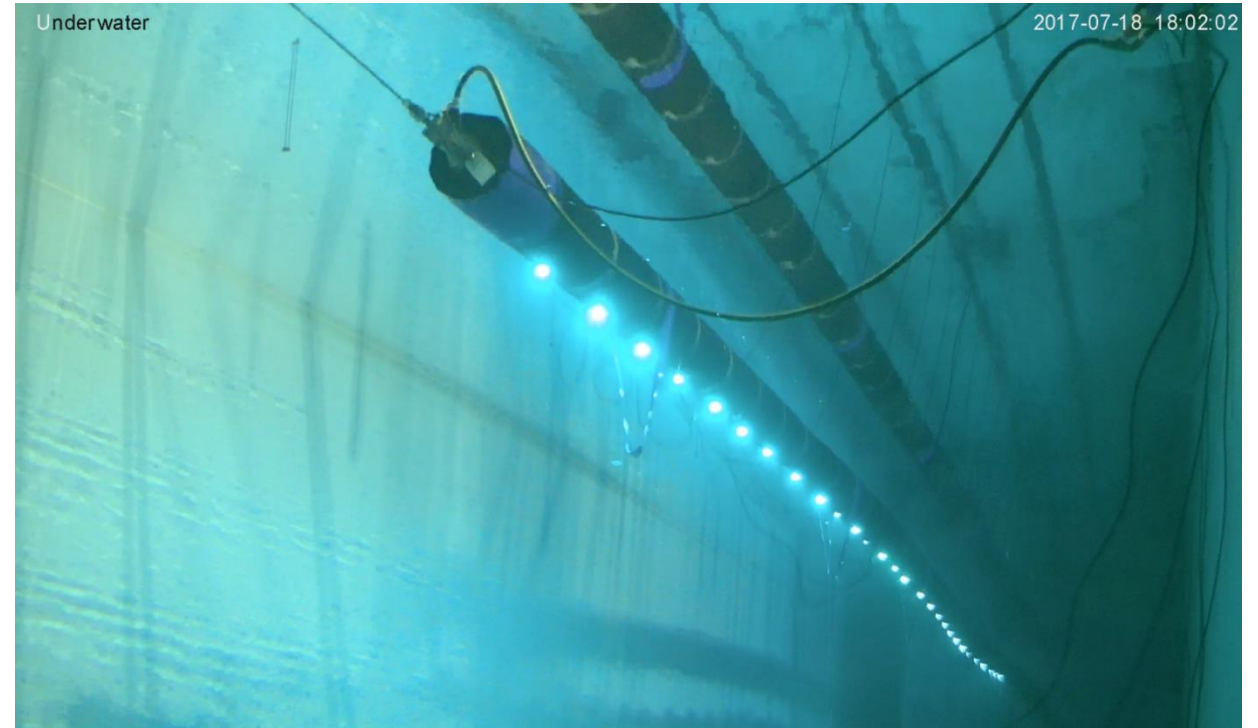


Global energy demand

## Renewables



Floating Offshore Wind



S3<sup>®</sup> Wave Energy Converter



# Floating Wind development Plan

## CONCEPT CERTIFICATION



2016- 2018

## DEMOS PROJECT(S)



2018 - 2022

## 1st FLOATING WIND FARM (S)



2022 - 2025

## COMMERCIAL PIPELINE



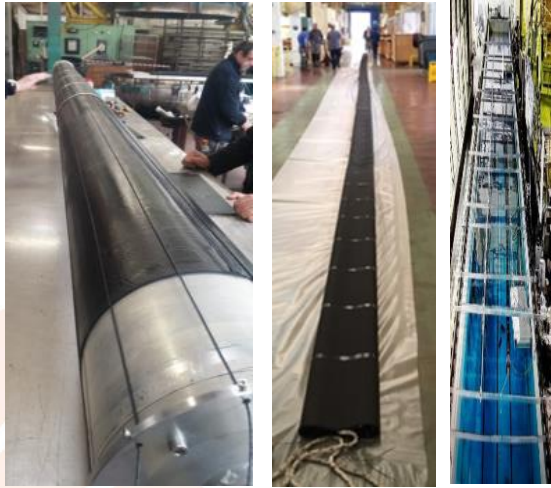
> 2025

Technology development and demonstration

Industrialisation and calibration to LCOE

# Wave Energy Converter Development Plan

## CONCEPT VALIDATION



2009- 2018

Concept developed and  
small scale prototype  
manufactured and tested

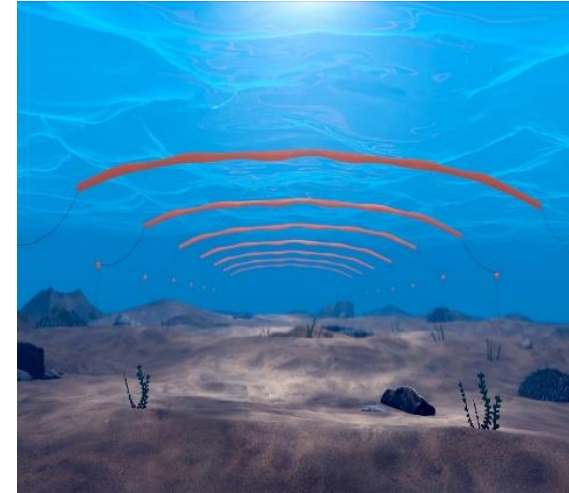
## PROTOTYPE (S)



2019- 2022

1,5 year production in Carros  
Lab  
1 year water test in Monaco  
Site and grid connection

## PILOT PROJECT (S)



2024 – 2026

France, UK, US, Japan, Remote  
Island

## 1<sup>st</sup> COMMERCIAL PROJECT


















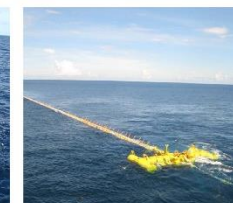



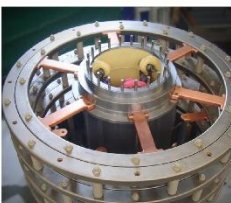









> 2026

Industrial Partner for  
production and distribution



# History of Innovation - Floating Industry Pioneer

1959  CALM Buoy	1960  Drilling Jack-up	1972  DP Drillship	1973  SBS Mooring System	1977  SALS Mooring System	1981  Leased FPSO	1985  Jacket Soft Yoke	1985  External Turret	1986  Disconnectable Turret	1993  Internal Turret
1996  Turnkey North Sea FPSO	1999  Deepwater CALM Buoy	2002  Delivery of the first Generic FPSO	2003  Delivery of the largest Seastar™ TLP	2005  New Build LPG FPSO	2006  Deepest Semi-Submersible in the GoM	2006  Offshore Offloading Line : Trelline™ Installed	2007  GAP™ mid water Fluid Transfer System	2007  Largest Internal Turret with 75 risers	2009  First turret-moored FPSO using steel risers
2011  COOL™ LNG Transfer System	2012  HV-AC Electric Swivel rated at 65kV and 150 MW	2013  VHP Fluid Swivel rated at over 800 bar	2013  1st Generation 3 FPSO (Paraty)	2015  ARCA™ Mooring System	2016  GoM Disconnectable Turret FPSO	2017  FAST 4 WARD® NEXT GENERATION FPSO	2018  Wind Floater design approved in principal ABS	2019  S3® Wave Energy Converter registered trademark	