



# New glimpse on O&G by Gianluca Peviani

Clean Technologies event

CIGRE UK Women Network

25<sup>th</sup> June 2020

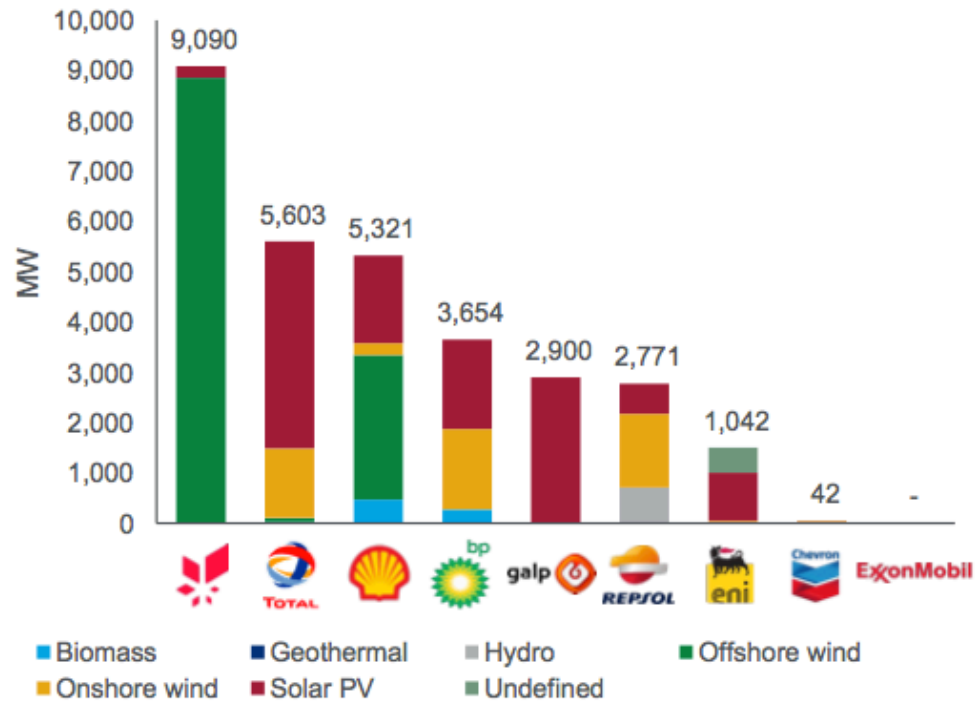


# Oil Majors committed to 2050 Objectives

## Clean Technologies applied by Oil Majors



**Renewable power capacity under ownership and in development, oil and gas companies**



Hydro Power absent in O&G



Hydro Power among best renewable sources

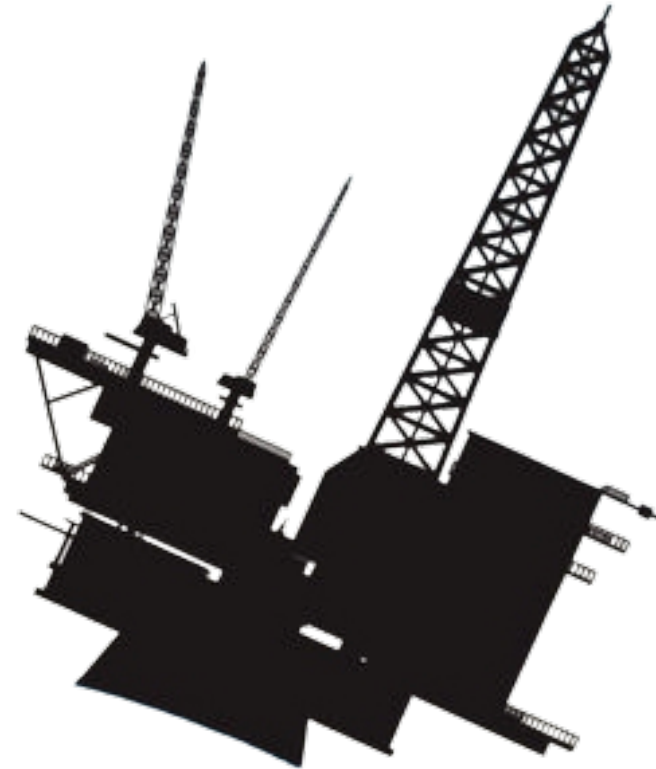
**It is flexible and manageable  
differently from solar and wind**

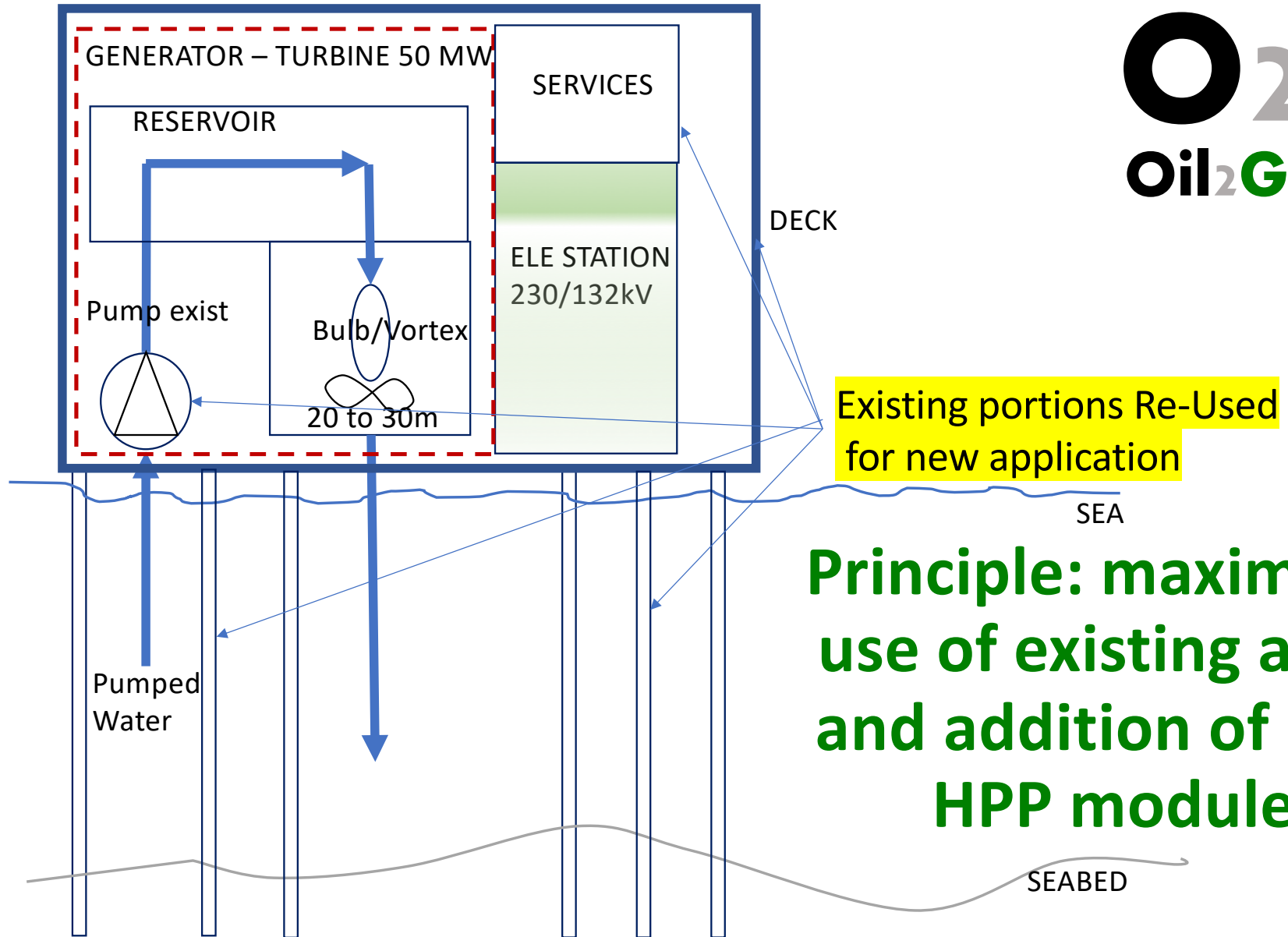




**O<sub>2</sub>G**  
**Oil<sub>2</sub>Green**

**Oil Majors got many  
Platforms set for  
decommissioning  
Hydro Power could be  
implemented on  
platforms**





**Principle: maximised use of existing asset and addition of new HPP module**

HPP/Clean Tech interesting for O&G?



COVID-19 - Investments down

⇒ O&G investments remain stronger than Utilities

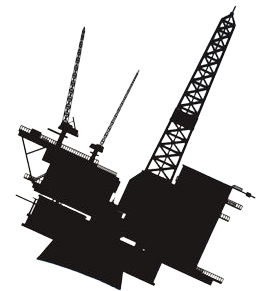
⇒ Oil Cos still forecast huge decommissioning



Oil & Gas  
Authority



**Majors Oil Cos to spend  
around 400mUSD/Pltfrm**



Is HPP a convenient proposal for O&G?



Ex. About 200 Platforms set for decommissioning in North Sea

HPP application around 50%  
of decommissioning cost

(connection to coast excluded)



Oil & Gas  
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# Take away



Examples of modified platforms are not existing but studies with EdF Hydro experts confirm feasibility



- ⌘ **Platform becomes 50 to 100MW HPP**
- ⌘ **HydroPower application represents clear advantage in Energy Scenario with low demand as it is controlled energy**
- ⌘ **Many platforms set for decommissioning in entire world**
- ⌘ **Challenge: to convince Oil Majors to invest expanding their Renewable Portfolio instead to spend to destroy their assets**