

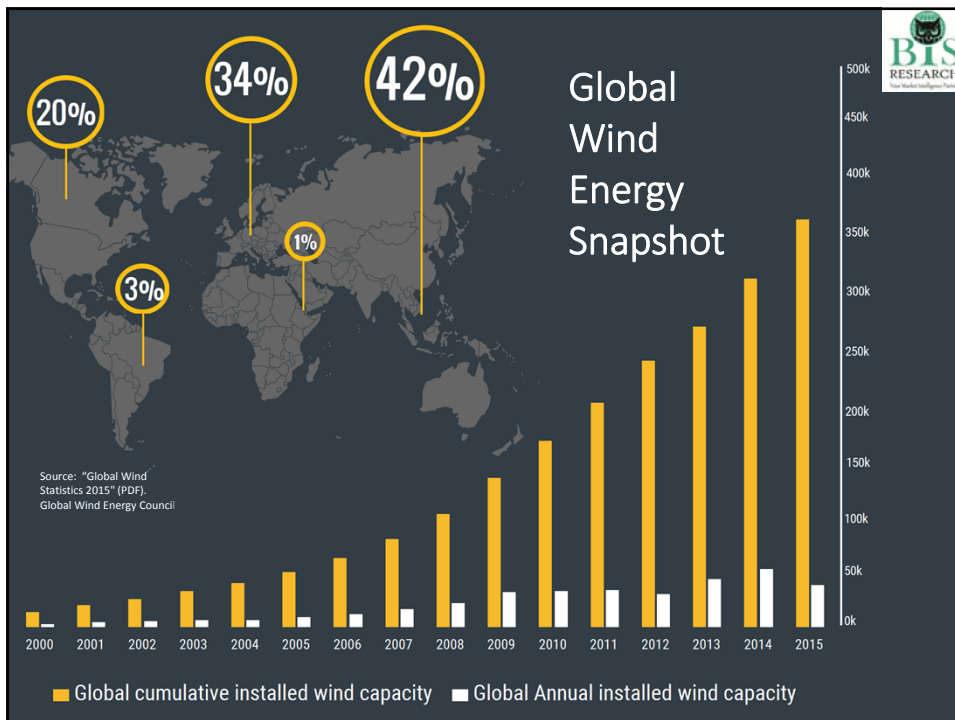
20,900 TWh of average power consumption in 2012

1512000 TWh of energy that can be extracted from the remaining oil, coal and natural gas reserves

Source: "Key World Energy Statistics 2014" (PDF). International Energy Agency

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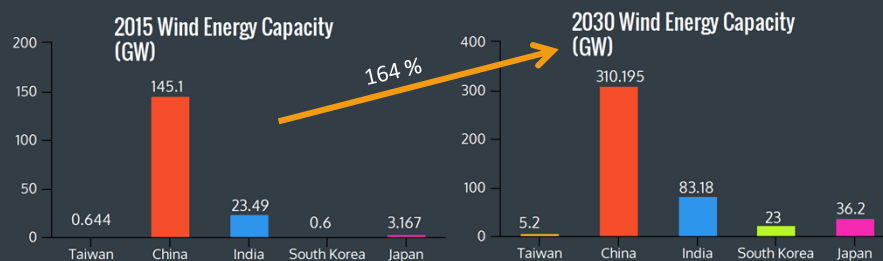


APAC Wind Energy Scenario



Largest and 4th largest Wind Producer

Largest Offshore Wind Farm



MAJOR OFF SHORE WIND ENERGY PRODUCER



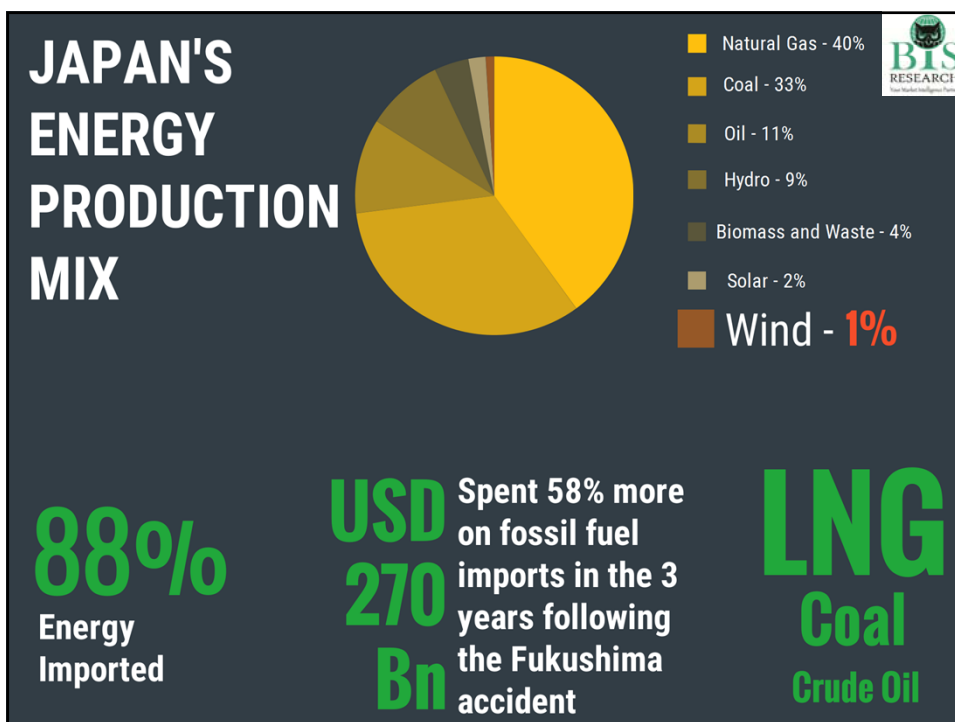
CAGR of offshore wind energy capacity was 30.9% (2011-2015)

Constitutes only 2.8% of the total wind energy production capacity

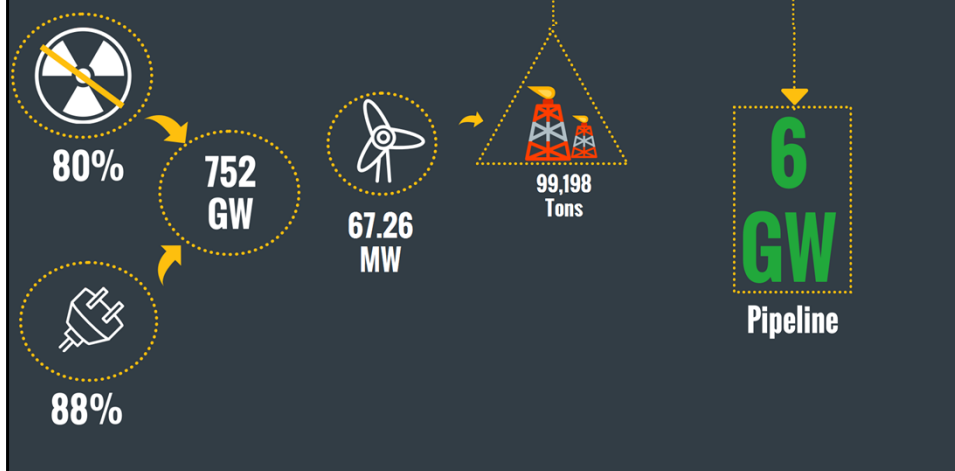
Potential of 350 GW offshore wind energy in India



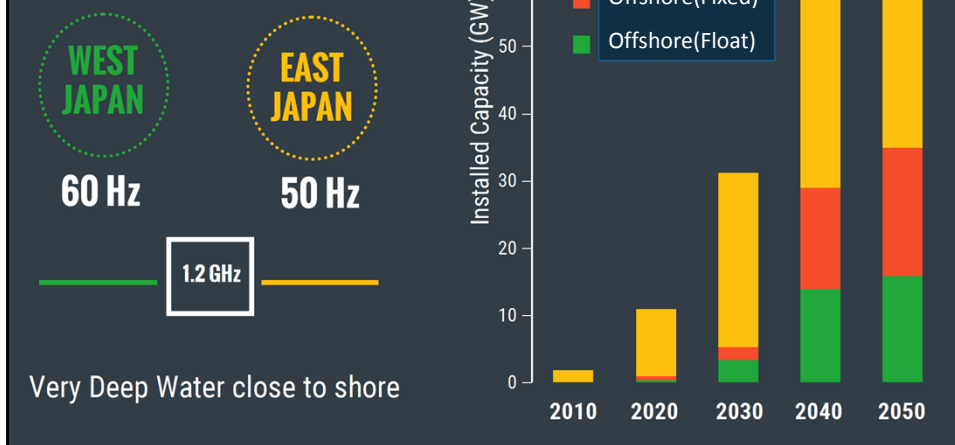
- UK - 41.8%
- Germany - 27.2%
- Denmark - 10.5%
- China - 8.4%

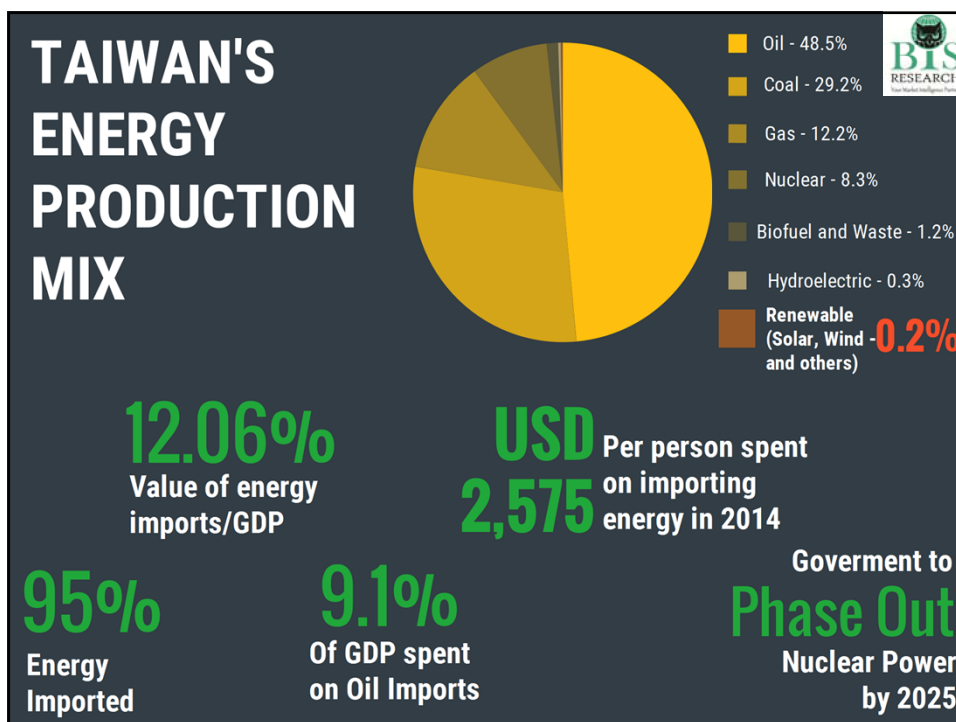


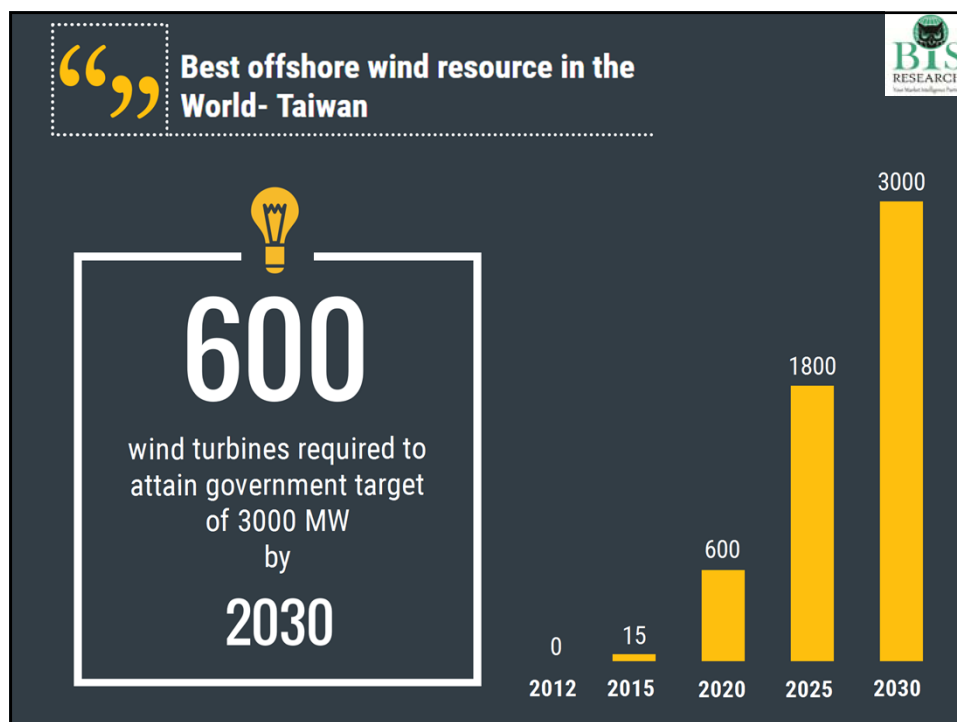
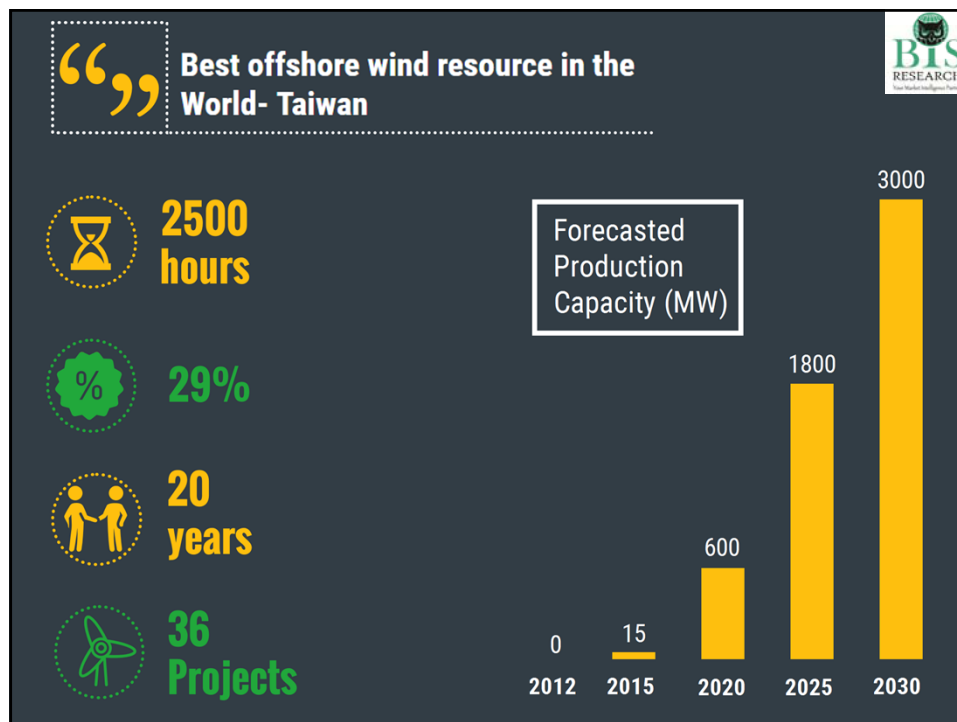
Japan Offshore wind



The Way Ahead









Government Policies



20 year Feed-in Tariff

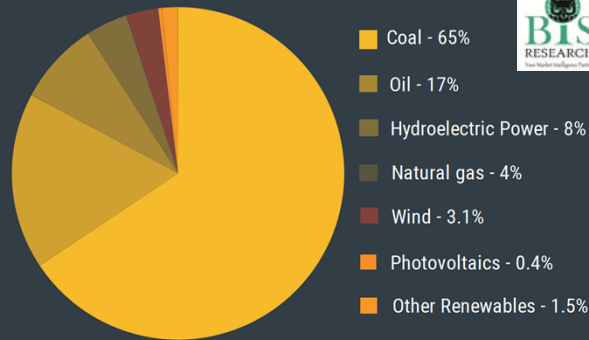
Zonal Development

"Offshore Demonstration Incentive Programme"

"Thousand Wind Turbine Project"



CHINA'S ENERGY PRODUCTION MIX



1st in the world in CO₂ emissions

20% increase in non fossil fuel energy production by 2030

>8 metric million tons of CO₂ emissions

Min 40% reduction in carbon intensity till 2020

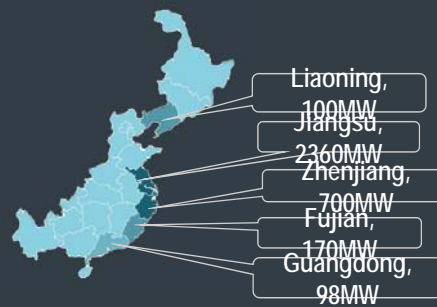
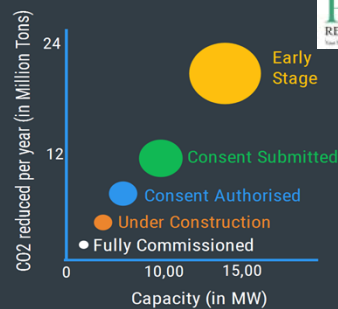
Banned new coal plants in 2014

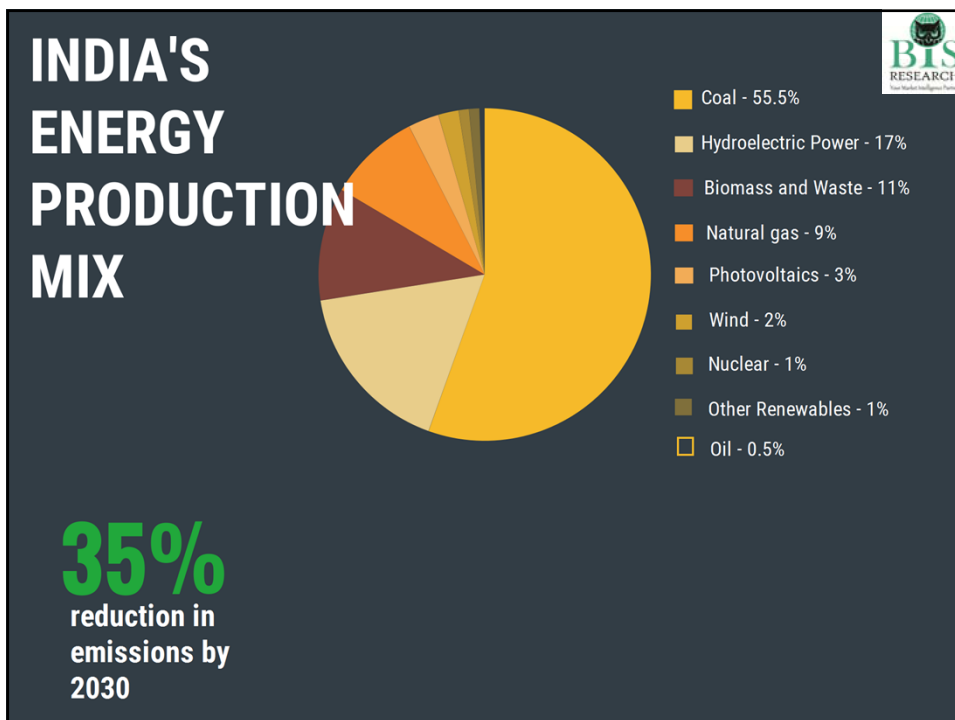
China Offshore Wind

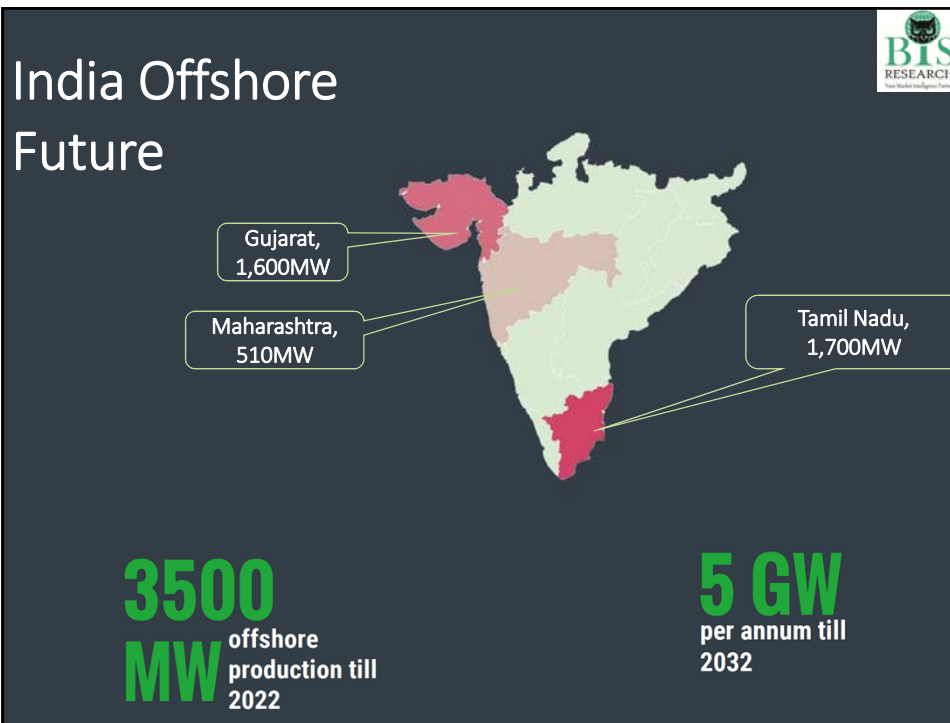
Installed Capacity of **434.5 MW**

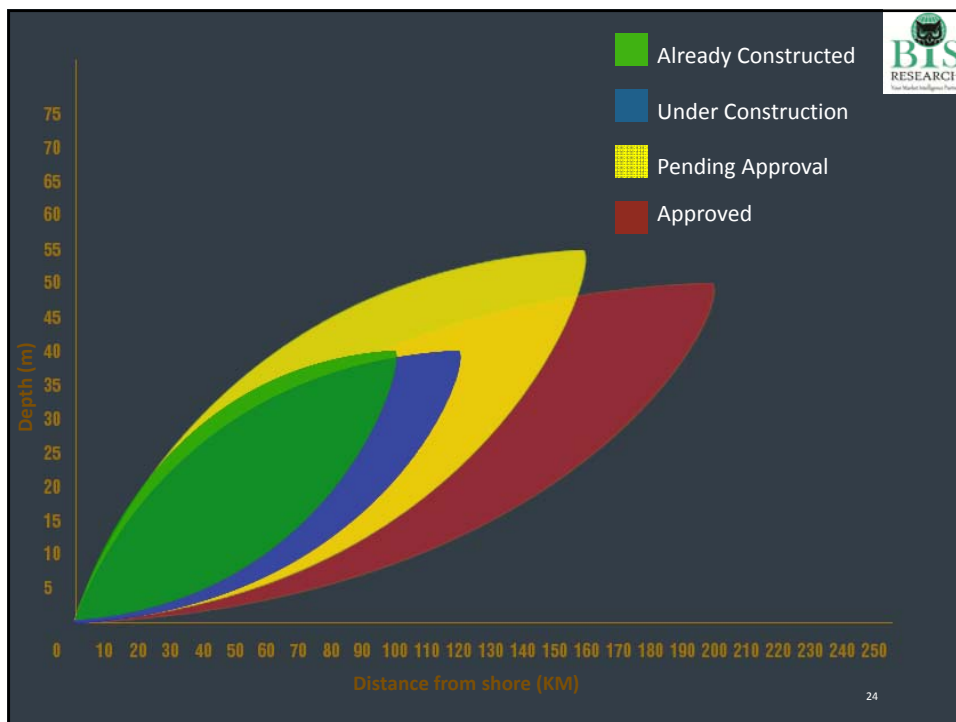
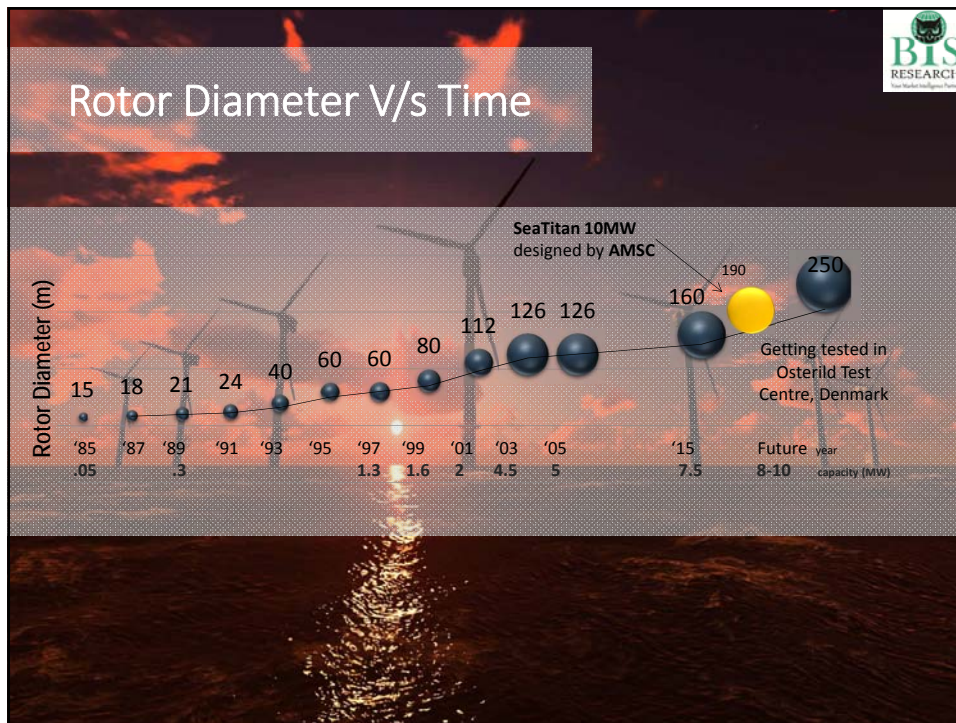
USD 345 Bn to be invested with a target of **250GW**

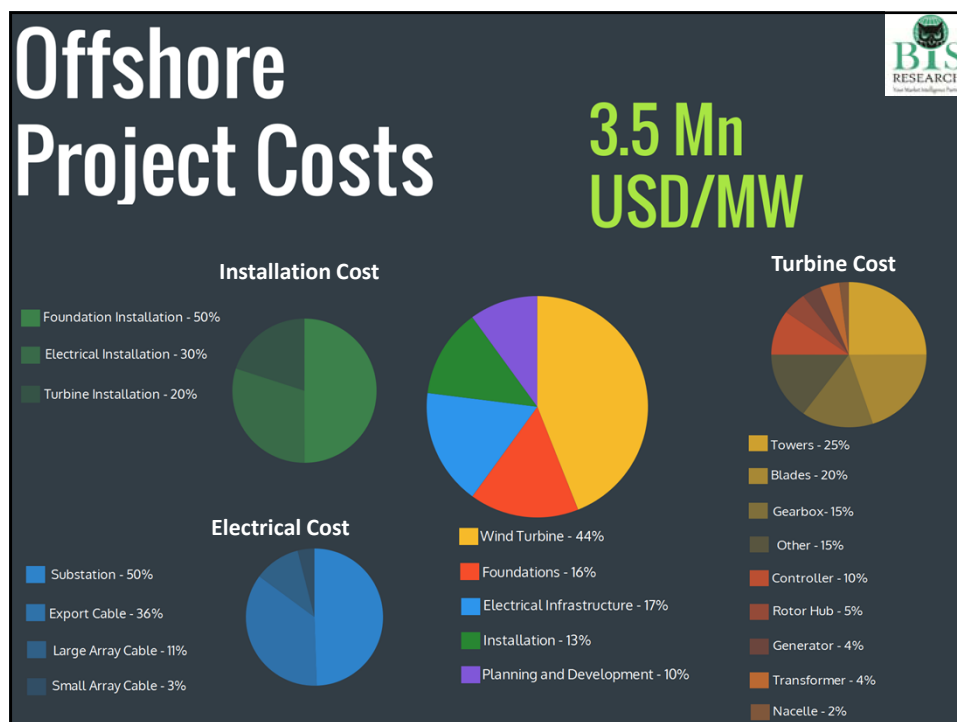
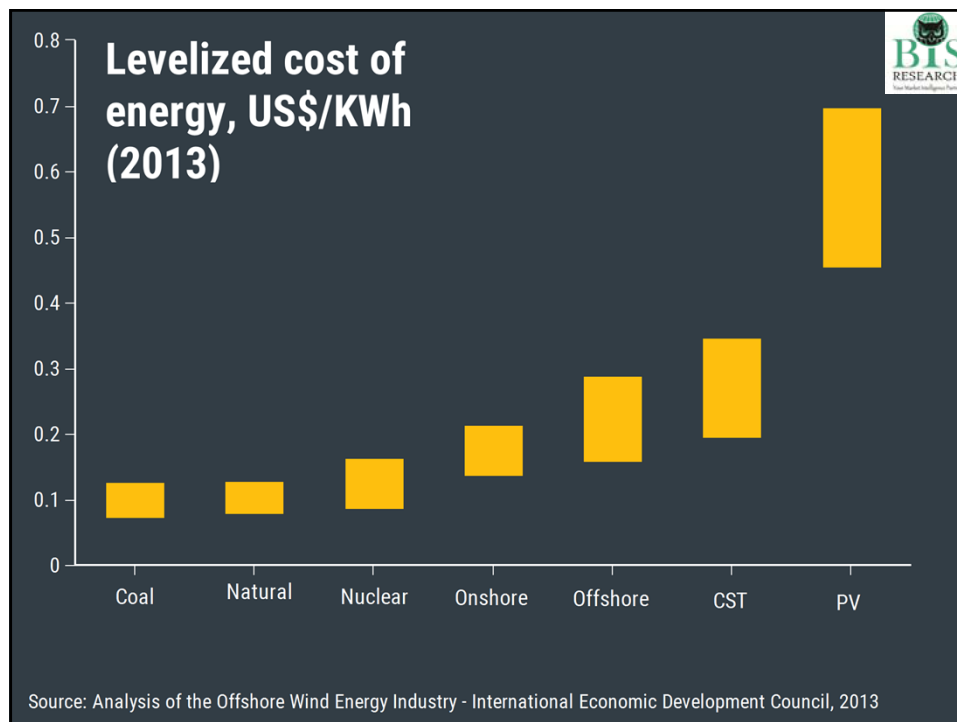
Reduction of USD 3/ MWH in **Onshore FIT**











THANK YOU

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