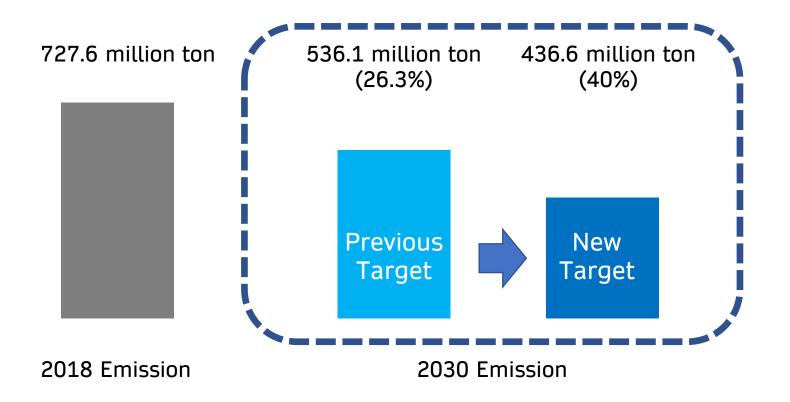


South Korea Offshore Wind Energy Development

Woojin Choi

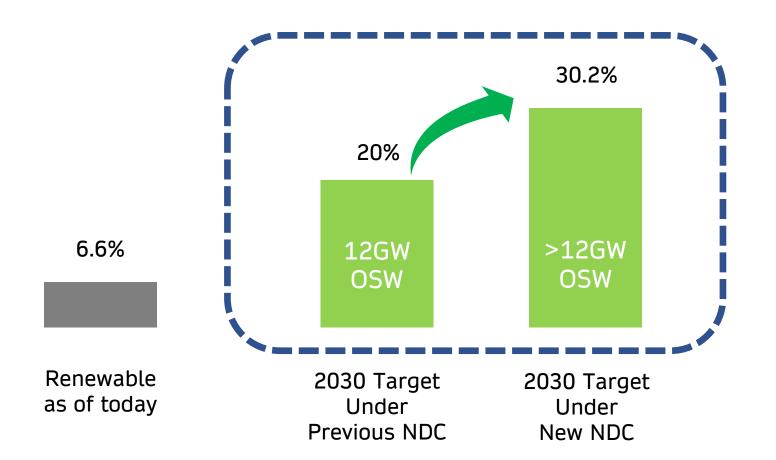
Vice chare of Korea Wind Energy Industry Association

South Korea's NDC target for 2030



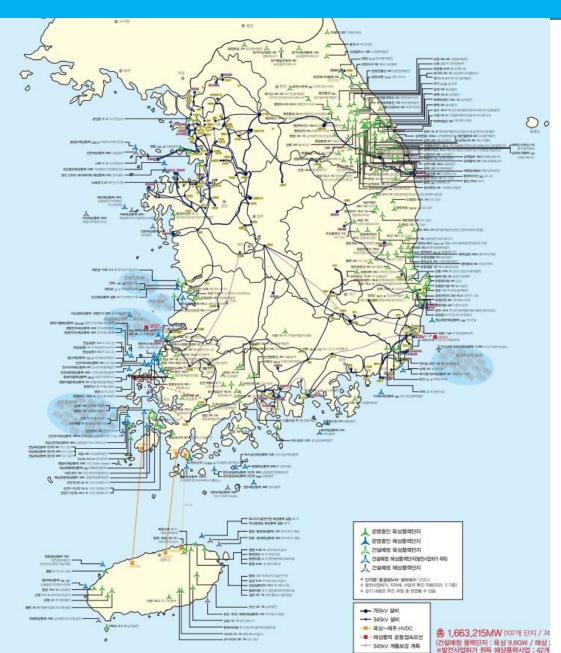


Renewable Energy Target by 2030



Offshore Wind Development





>12 GW

- offshore wind to be build by 2030 under the previous NDC target
- To be increased under the new NDC target

>9GW

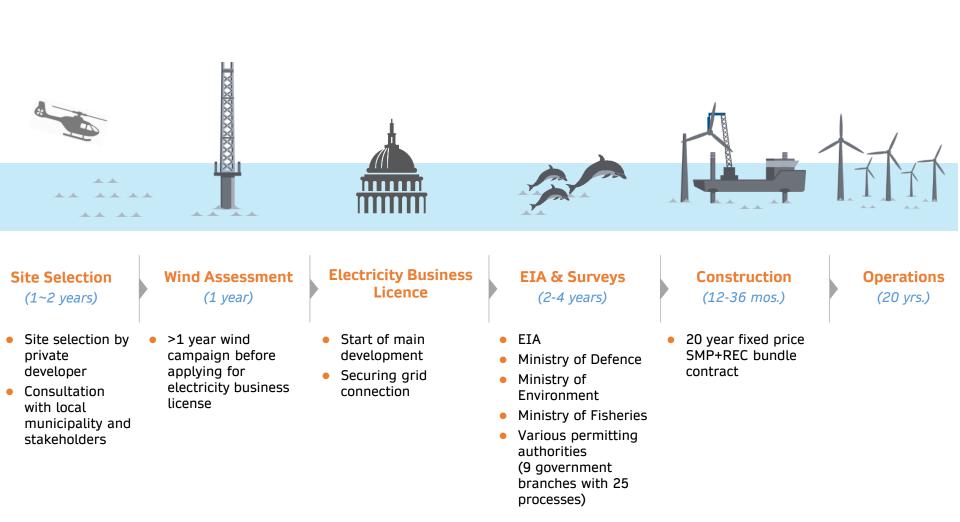
 Electricity business license awarded to
 9,334MW of offshore wind as of today

~40GW

 of offshore wind being developed/ planned as of today

Offshore Wind Development





Renewable Portfolio Standard







REC multiples and 20 year fixed bundle price

	REC multiples	SMP+REC bundle price (KRW per MWh)	SMP+REC bundle price (USD per MWh)
Solar	0.5 ~ 1.6	120k~140k	100~120
Onshore Wind	1.2	140k~170k	120~140
Offshore Wind	2.5 ~ 4.9	250k~350k	210~300

Floating Offshore Wind





Challenges & Reformation

한국풍력산업협호 Korea Wind Energy Industry Association

- One Stop Shop law
 → In discussion at National Assembly
- Guideline on Stakeholders' acceptance
 → In preparation by government
- Local Content Requirement
 → Clear rule to be stipulated
- Grid Connection
 → Preemptive upgrade to be initiated

[Current grid and upgrade plan]

