APEC Climate Symposium, APCS

Contribution in Offshore Wind Energy

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### Brief Introduction

**Energy & Chemicals**
- **SK innovation**: Exploration & Production, Batteries, Future Energy
- **SK gas**: LPG/LNG Marketing & Trading, Tank Terminal
- **SK chemicals**: Green Chemicals, Life Science
- **SK oceanplant**: Offshore Wind Farm

**ICT & Semiconductor**
- **SK telecom**: Mobile Communications, IoT, Media/Home, Platform
- **SK hynix**: Semiconductor, Memory Chip Manufacturer
- **SK planet**: ICT Solution, Marketing, Platform/Solution, Data Solution
- **SK broadband**: Media, High-Speed Internet, Telephone, Corporate ICT Service

**Logistics & Service**
- **SK ecoplant**: Environmental/Energy Infra, Developer and Builder
- **SK networks**: Trading & Logistics, Home Appliances
- **SK magic**: Home Appliances and Rental Services

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**Growth Engine for Korean Economy**
- **10.8%** of Korean GDP
- **13.3%** of Korean Export

**Key Figures**
- **201** Subsidiaries
- **2nd** among Korean Conglomerates
- **132** Billion USD Group’s Annual Sales
- **73rd** in Sales among Fortune Global 500
01 | Company Overview _Leading SK Group’s green business

As a Circular Economy Designer, SK oceanplant will lead **Future Low-Carbon & Eco Business**

**SK Core Value**
- Bio
- Green
- Advanced Materials
- Digital

**Transformation into ESG**

**Mission**
Addressing global environment/energy issues with Waste Zero & Net Zero

**Vision**
Circular Economy Designer
The Zero City: SK’s Long-Term Vision

- Recycling Zone: E-Waste, EV-Battery
- Incineration facility
- Fuel cell, Wind power, Solar power, WtE
- SOEC
- landfill
- SK ecoplant
- SK oceanplant
- City
- Industrial complex
Leveraging with our project development and execution experience more than 100 projects in 26 countries across Energy, Infrastructure, and Oil & Gas Plants

02 | Business Portfolio _SK ecoplant’s “Hydrogen Production System”_

- **Green H₂ Production**
- **Renewables Power Supply**
- **Electrolysis H₂ Production**
- **Downstream Production (NH₃, MeOH, etc.)**
- **Off-Taker**

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**Now**

- Fuel Cell

**Future**

- Renewables
- Electrolyzer (SOEC)
- Clean Elec.

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**Project Developer**

- Investment
- Off-taker Arrangement
- K-ECA Financing

**Solution Provider**

- SOEC Package Supply
- Engineering Services (F/S, FEED) with our subsidiary, SK ecoengineering
Renewable Energy

- Jacket Foundation
- Pin Pile
- OSS (Topside)
- OSS (Jacket)
- Floater
- K-Floater

Tubular

New Building Special Ship

* WTG: Wind Turbine Generator / OSS: Offshore Substation / TP: Transition Piece
SK oceanplant is the Largest International Supplier of Offshore Wind Farm Foundation in Taiwan’s 1st & 2nd Round of Development.

**Foundation (Fixed-Bottom Type)**

- 21 WTG Jackets
  - TPC Changhua (by Jan De Nul)

- 59 WTG Jackets
  - Orsted Greater Changhua

- 2 OSS Jacket & 16 Skirt Piles
  - Orsted Greater Changhua

- 52 WTG Jackets
  - Hai Long

**Market share in TAIWAN**

- 43%
- 100%
- Fixed Bottom Type
Under the construction
$1 Billion with SK’s own investment

Yard #1
42 Ha

Yard #2
51 Ha

New Yard
150 Ha

150 Floaters
2027

* Fabrication Yard for Jacket Foundation

* World Largest Dedicated Fabrication Yard for Floaters
05 | Target Market & Action Plan

- **USA**: 30GW (USA) by 2030
- **UK & EU**: 60GW (EU) by 2030, 300GW (EU) by 2050
- **UK**: 50GW (UK) by 2050
- **Japan**: 10GW (JAPAN) by 2030 and 30-45GW by 2040
- **Korea**: 34GW (KOREA) by 2036
- **Australia**: 9GW (AUSTRALIA) Victoria by 2040 (No federal targets)
- **Taiwan**: 15GW (TAIWAN) by 2026-2035
- **Vietnam**: 28GW (VIETNAM) by 2030

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* M.I – Market Intelligence
Q&A

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