
Fact Sheet 全球概覽

PROJECT OVERVIEW 專案介紹

雲林離岸風場

雲林離岸風場裝置容量高達 640MW，開創台灣永續能源新頁。身為此區域規模最大的商業離岸風場之一，風場展現了創新、堅毅、韌性，以及對永續發展的承諾。

台灣得天獨厚的地理條件，包括穩定強勁的風力和適合的海岸線，均提供發展離岸風電的理想環境。2025 年 1 月，隨著最後一座風機 (WTG) 正式併網，雲林離岸風場每年可為超過 60 萬戶台灣家庭提供電力，並減少 120 萬公噸的二氧化碳排放，為台灣永續發展寫下嶄新篇章。

專案規格

- 風機單機容量: 8 MW
 - 水下基礎: 含轉接段之單樁基礎
 - 風場總容量: 640 MW
 - 海域水深: 7 - 35m
 - 場址範圍: 82km²
 - 離岸距離: 8 - 17km
 - 完工時間: January 2025
 - 年發電量可供應之家戶用數>600,000
 - 年減碳公噸>1,200,000 of CO₂
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投資者的堅持：信念與擔當

如此大型的離岸風場計畫，選址後最關鍵的就是取得穩健的資金。本案之所以得以成功，要歸功於專業投資團隊、實力堅強的融資銀行團，以及台灣政府的全力支持。專案團隊深信，透明、精準且即時的資訊傳遞是成功關鍵，因此特別注重各方溝通。2023年8月，在台灣政府、所有投資方和融資方的支持下，各方順利完成財務重組協議，確保專案順利進行。雲林離岸風場的成功，凝聚了4家股東、16家國際與7家本地金融機構，以及3家出口信貸機構的共同努力、決心與持續信任。專案團隊以此為榮，也相信雲林離岸風場將成為台灣、亞太地區，甚至全球再生能源專案融資的重要標竿。

股東

- Skyborn Renewables 天豐新能源
- TotalEnergies Renewables 道達爾能源集團
- Electricity Generating Company (EGCO) (泰國電力控股集團)
- Sojitz Corporation 双日株式會社

融資銀行

- BNP Paribas 法國巴黎銀行
- Cathay United Bank 國泰世華銀行
- Commerzbank 德國商業銀行
- Credit Agricole Corporate and Investment Bank 法國東方匯理銀行
- CTBC Bank 中國信託商業銀行
- DBS Bank 星展銀行
- Deutsche Bank 德意志銀行
- E.SUN Commercial Bank 玉山商業銀行
- EIFO Denmark 丹麥出口投資基金
- En Tie Commercial Bank 安泰商業銀行
- ING Bank 安智銀行
- KfW IPEX Bank 德國復興貸款伊佩克斯銀行
- King 's Town Bank 京城商業銀行
- Mizuho Bank 瑞穗銀行
- MUFG Bank 三菱日聯銀行
- Natixis 法國外貿銀行
- OCBC 華僑銀行
- Siemens Bank 西門子銀行
- Societe Generale 法國興業銀行
- Standard Chartered 渣打銀行
- Sumitomo Mitsui Banking Corporation 三井住友銀行
- Taipei Fubon Commercial Bank 台北富邦商業銀行
- Taiwan Cooperative Bank 合作金庫商業銀行

出口信貸機構

- Atradius Dutch State Business
- Euler Hermes (Allianz Trade)安聯貿易
- Export and Investment Fund (EIFO) Denmark 丹麥出口投資基金

主要供應商及承包商

- Boskalis, the Netherlands 波斯卡利斯 - 荷蘭
- CTCI Machinery, Taiwan 俊鼎機械 - 台灣
- Deutsche Windtechnik, Germany 德唯特 - 德國
- Formosa Heavy Industries, Taiwan 台朔重工 - 台灣
- Fred.Olsen Windcarrier, Norway 弗雷德克歐森海洋 - 挪威
- GE Vernova, Singapore/USA 奇異能源科技 - 新加坡/美國
- Jumbo Offshore, the Netherlands Jumbo Offshore - 荷蘭
- LS Cable & Systems, Korea 樂星電纜 - 韓國
- Mammoet-Giant, Taiwan 台灣猛獁象佳運 - 台灣
- NMDC Energy, United Arab Emirates NMDC Energy - 阿拉伯聯合大公國
- Seaway 7, Germany 汐威離岸電纜鋪設 - 德國
- Siemens Gamesa Renewable Energy, Denmark 西門子歌美颯 - 丹麥
- Smulders, Belgium Smulders - 比利時
- Steelwind, Germany Steelwind - 德國
- Sumitomo Electric Industries, Japan 住友電氣工業 - 日本

Yunlin Offshore Wind Farm

The 640 MW Yunlin Offshore Wind Farm (Yunlin OWF) is a pioneering achievement in Taiwan's sustainable energy journey. As one of the region's first and largest commercial offshore wind farm projects, it stands as a symbol of innovation, resilience and commitment.

Taiwan's strong and consistent winds along with a suitable coastline provide an ideal setting. With the last wind turbine generator (WTG) having been commissioned in January 2025, the Yunlin OWF powers over 600,000 Taiwanese households, whilst saving 1,200,000t of CO₂ per year, and marking a significant step towards a sustainable future for Taiwan.

Technical Data

- Wind turbine generators: 8 MW
 - Foundations: monopile with transition piece
 - Capacity: 640 MW
 - Water depths: 7 - 35m
 - Area: 82km²
 - Distance from shore: 8 - 17km
 - Commissioning date: January 2025
 - >600,000 households supplied with green electricity per year
 - >1,200,000 of CO₂ saved per year
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Commitment of Investors: Belief and Responsibility

Once a site is selected, securing solid financing is a critical step in realising a large-scale offshore wind farm project like the Yunlin OWF. A team of dedicated investors, in combination with a group of well-established financiers and the commitment of the Taiwanese government made this project a success. The project team ensured effective communication among all parties, based on the belief that transparency, accuracy, and the timely provision of information are key to a successful project. Standing firmly behind the project, the Taiwan government, all sponsors and all lenders agreed upon the financial restructuring in August 2023, ensuring the project's completion. The Yunlin OWF's remarkable achievement is a testament to the joint effort, determination, and continue trust of all four (4) sponsors, sixteen (16) international and seven (7) domestic lenders as well as three (3) export credit agencies. The project team is proud of this accomplishment and firmly believes that the Yunlin OWF is a landmark project for financing renewable energy projects in Taiwan, the APAC region and beyond.

Sponsors

- Skyborn Renewables
 - TotalEnergies Renewables
 - Electricity Generating Company (EGCO)
 - Sojitz Corporation
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Lenders

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- | | |
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| <ul style="list-style-type: none">• BNP Paribas• Cathay United Bank• Commerzbank• Credit Agricole Corporate and Investment Bank• CTBC Bank• DBS Bank• Deutsche Bank• E.SUN Commercial Bank• EIFO Denmark• En Tie Commercial Bank• ING Bank• KfW IPEX Bank | <ul style="list-style-type: none">• King 's Town Bank• Mizuho Bank• MUFG Bank• Natixis• OCBC• Siemens Bank• Societe Generale• Standard Chartered• Sumitomo Mitsui Banking Corporation• Taipei Fubon Commercial Bank• Taiwan Cooperative Bank |
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Export Credit Agencies

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- Atradius Dutch State Business
 - Euler Hermes (Allianz Trade)
 - Export and Investment Fund (EIFO) Denmark
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Key Suppliers & Contractors

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- | | |
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| <ul style="list-style-type: none">• Boskalis, the Netherlands• CTCI Machinery, Taiwan• Deutsche Windtechnik, Germany• Formosa Heavy Industries, Taiwan• Fred.Olsen Windcarrier, Norway• GE Vernova, Singapore/USA• Jumbo Offshore, the Netherlands• LS Cable & Systems, Korea | <ul style="list-style-type: none">• Mammoet-Giant, Taiwan• NMDC Energy, United Arab Emirates• Seaway 7, Germany• Siemens Gamesa Renewable Energy, Denmark• Smulders, Belgium• Steelwind, Germany• Sumitomo Electric Industries, Japan |
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