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#### **OFFSHORE WIND**

Offshore wind power is a clean energy which is generated from wind farms that are built in the sea There is stronger wind offshore than on lands so each wind turbine could not only generate more power but also be able to make the best use of offshore resources without occupying much of the land. In 1991, Denmark started installing the first offshore wind farm. As of 2020, the total global offshore wind power capacity has reached 35.3 GW, of which the United Kingdom, China and Germany account for 75%.

As Taiwan has a strong reliance on imported coals to generate electricity, air pollution has become a serious issue. Thanks to the fact that 16 of world's 20 ideal wind sites are in Taiwan, government has planned to generate 20% of its electricity from renewable energy by 2025 and start developing a local offshore wind industry. The goal is to reach 5.7GW by 2025 and 10GW in next ten years, which attracts many investors from foreign countries to develop offshore wind projects in Taiwan. And to match the requirement of localization, foreign investors has started cooperating with local suppliers and provided abundance of opportunities to supply chain. There are 3 offshore wind farms commissioning currently and it is expected to see 4 more offshore wind farms being operating this year.

### **ABOUT OWC**

Offshore Wind Consultants Limited (OWC) is a global engineering consultancy focused on the development and realisation of offshore renewables technology and projects. We have an unrivalled reputation for providing high quality, innovative and reliable solutions, drawing on extensive technical knowledge and practical experience which goes back into the late 1990s in offshore renewables.

Since 2011 we have delivered assignments amounting to 118 GW of experience across Europe, Asia and the US.

Being part of the ABL Group allows us to utilise their deep expertise in offshore and marine engineering to deliver green solutions for our clients.

We support developers, investors and lenders in developing and realising their offshore renewables technology and projects.

## **ABOUT OWC TAIWAN**

Taiwan office opened since Aug 2018 and has involved in many significant offshore wind projects, including the first one. We support this fast-growing offshore wind industry with technical-focused consultancy services.

In few years, Taiwan team has been expanded rapidly, with more than 20 professional consultants highly experienced in technical due diligence, package management, T&I and Geo site investigation. We also support other projects in managing and providing offshore supervision of geotechnical, geophysical and UXO surveys.

We are looking forward to having more talented people to join our team to witness this growth of Taiwan's market and welcome any qualified fresh graduates who are keen to step into this interesting and cool industry.

### **WORK WITH US**

We aim to employ individuals who match our aspiration of providing the best-in-class solutions to the offshore renewables industry worldwide. We believe our people are our most important asset, and we endeavour to create a great place to work through information, focus, development and dialogue.

#### WHY WE THINK WE ARE GREAT

Not only we are a great company to work for because of our collaborative friendly working environment but also because we've seen exponential growth over the last few years. At OWC we offer our graduate recruits extensive training and development to further develop your skill set and help bring you up to scratch to our 'leading expert' level. We also provide our employees the opportunity to work in any of our offices around the world.

#### WHAT WE WANT

OWC not only bring their clients the best technical expertise globally, but are committed to cultivating local talent in any offshore wind market as a part of the key impactors. As Taiwanese offshore wind supply chain is growing rapidly and Taiwan has become the leading market in East Asia, we would like to engage to fresh graduates with a bachelor's or Master's Degree in Engineering, specialising in Civil, Hydraulic, Geotechnical, Geophysical, Environmental, Mechanical and Structural Engineering (or similar), hoping to turn their potential into best performance and make positive differences to OWC Taiwan

Candidates will work within a team on engineering and consultancy assignments for a range of offshore wind farm projects at full time (8 hours/day, 5 days/week). Project opportunities will be aligned to your skillset.

### **COMMITTED TO THE COMMUNITY**

OWC are not only looking for talent, OWC are aiming to support offshore wind in Taiwan and take the responsibility of enlightening people who is interested in renewables. This way, OWC proposes that one of our professional consultants could provide 1-2 offshore wind related speeches or share some engineering experience in offshore wind industry with students.

We think that sharing real life experience is not only useful for helping students to obtain a better understanding on the subjects of study but to promote the Taiwanese Offshore Wind Industry. The professors could also combine these in their courses as part of the teaching plan. We hope this could inspire students and motivate them to understand more about offshore wind. Also, they might find out there's more possibilities in their career path. We are happy and opened to discuss about the cooperation with engineering faculties in any forms.

# 離岸風電

離岸風電是一種潔淨能源,由建在海上的風場產生。海上風力較陸地強,因此不僅每支風機可以產生更多的電力,而且也能夠充分利用海上面積,而無需佔據大部分土地。1991年,丹麥開始安裝第一個離岸風場。截至2020年,全球離岸風電總裝置容量已達35.3 GW(百萬瓩),其中英國、中國和德國共佔其75%。

由於台灣高度仰賴化石燃料進口並以此發電,空氣汙染已成為一項嚴重的議題。好在台灣擁有全球 20 個理想風力發電場中的 16 個,台灣政府計劃至 2025 年,將台灣發電組成之可再生能源提升至 20%,並開始發展當地的離岸風電產業。目標是於 2025 年達到 5.7GW,再另個十年達到 10GW,此一政策吸引不少外國投資者來台發展離岸風電專案。為配合本土化需求,外商開始與當地供應商合作,為供應鏈提供了大量機會。目前台灣已有 3 個離岸風場已營運並供電,預計今年還將有 4 個離岸風場加入運營行列。

#### 關於 OWC

Offshore Wind Consultants Limited (OWC) 是一家專注於開發和執行離岸再生能源技術和專案的全球工程諮詢顧問公司。 我們憑藉自 1990 年代後期之廣泛離岸再生能源領域技術、知識和實踐經驗,在提供高質量、創新和可靠的解決方案方面享有無與倫比的聲譽。

自 2011 年以來,我們已為歐洲、亞洲和美國之總計 118 GW 裝置容量提供專業諮詢與 服務。

作為 ABL 集團的一部分,我們可以利用其在離岸與海洋工程方面的深厚專業知識為我們的客戶提供綠能解決方案。

我們支持開發商、投資者和貸方開發和實現其離岸可再生能源技術和專案。

# 關於 OWC 台灣

台灣辦公室自2018年8月成立以來,參與了許多重要的離岸風電專案,包括台灣第一個專案。我們通過以技術為重點的諮詢服務支持這個快速發展的離岸風電產業。

短短幾年,台灣團隊迅速擴大,包含超過 20 名分別在盡職調查、分包計劃管理、運輸 與安裝和岩土現場調查方面,擁有經驗豐富的專業技術顧問。我們還提供其他專案管 理和岩土工程、地球物理和未爆彈調查的海上監督服務。

我們期待有更多優秀的人才加入我們的團隊,共同見證台灣市場的成長,也歡迎任何有志於進入這個有趣又酷的產業並符合條件的應屆畢業生。

# 與我們工作

我們的目標是聘僱能符合我們的志向—「為全球離岸可再生能源產業提供一流解決方案」的人才。 我們相信我們的員工是我們最重要的資產,我們致力於通過訊息交換、個人發展計畫和暢通的對話管道為員工創造—個良好的工作環境。

# 為什麼加入 OWC?

不僅是因為我們擁有協作友好的工作環境而成為一間很棒的公司,並且我們團隊在過去幾年中急速擴張並壯大。在OWC,我們為應屆畢業生提供廣泛的培訓和發展,以進一步發展你的技能,並幫助你達到我們的「領先專家」水平。我們甚至還提供員工在世界各地的任何辦公室工作的機會!

# 招聘需求與條件

OWC 不僅為他們的客戶帶來全球最好的專業技術諮詢服務,作為一個離岸風電產業關鍵影響者,也致力於在任何離岸風電市場培養本地人才。由於台灣離岸風電供應鏈發展迅速,台灣已成為東亞的主要市場,我們希望招收擁有工程學學士或碩士學位的應屆畢業生,專攻土木、海洋、岩土、地球物理、環境、機械和結構工程(或類似),希望將他們的潛力轉化為最佳戰力,並為 OWC 帶來正面影響。

候選人將在團隊中全職(8小時/天,5天/週)從事一系列離岸風電場專案的工程和諮詢任務。根據你所擁有的技能與專業知識,為你提供相對應的專案機會。

# 回饋社會

不只是尋找人才,OWC 旨在支持台灣的離岸風電,並盡可能地啟蒙對可再生能源感興趣的人。因此,OWC 提議由我們其中一位專業顧問至相關系所課堂上提供 1 至 2 個與離岸風相關的演講,或與學生分享一些在離岸風電產業的工程相關經驗。

我們認為分享實務經驗不僅有助於幫助學生更好地了解修習課程,也是為了促進台灣離岸風電產業發展。另外,教授也可將這些演講或分享內容與其教學計劃結合在一起,我們希望這能激勵學生進一步去了解離岸風電。此外,學生們可能也會發現他們職涯中有著更多的可能性。我們將會很高興並開放與相關工程院系討論任何形式上的合作。