

千架海陸風力機設置推動及關鍵技術研發計畫

執行單位

財團法人工業技術研究院

計畫主持人

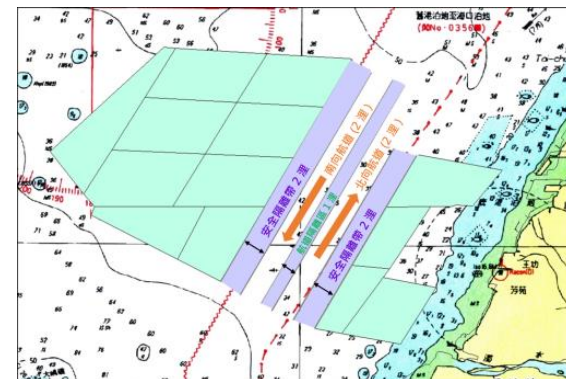
王人謙

- 協助能源局達成階段性風力推動目標。並藉由示範獎勵計畫之推動，促進國內自主施工船隊、在地維運能量與設備製造在地化能量建立，以發展風電服務業為主，並帶動離岸風電產業鏈發展。

專利	申請	獲證
106	3	3
105	1	6
104	2	8
103	3	2



海洋示範機組完工商轉



跨部會協商航道規劃建議

台中港



港埠及專用碼頭

- 配合「風力發電4年推動計畫」，協助經濟部成立單一服務窗口，針對陸域風電推動、離岸風電等相關議題進行跨部會協商。
- 協助海洋離岸示範機組於106年4月28日取得電業執照開始商轉，促進我國離岸風電產業之發展並刺激市場投資。
- 協助國內外業者離岸風電第二階段潛力場址申請評估。
- 促成離岸風電專用施工碼頭，台中港離岸風電施工碼頭(#5A及#5B碼頭)改興建，預計108年底完工營運。
- 完成「離岸風電潛力場址範圍調整及航道」修訂，已提送交通部航港局，解決「航行安全」關鍵議題

The project of installation promotion and key technology development for Taiwan's one thousand on/off-shore wind turbines

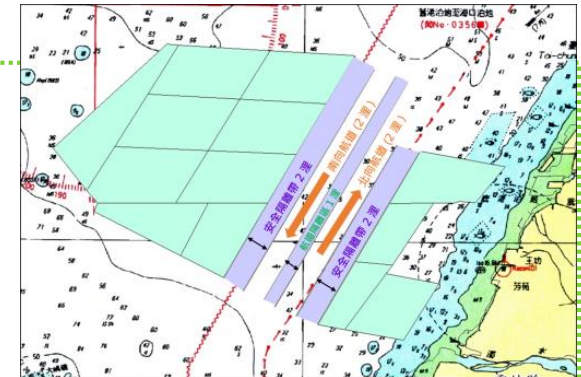
Execution Unit

Industrial Technology Research Institute

Project Director

Ren-Chain Wang

- Assist Bureau of Energy to reach the milestone of wind power promotion. With the Offshore Demonstration Incentive Program programs, to develop wind power service industry, and promote the development of offshore wind power industry chain.



Directions of Zone Application for Planning

Patent	Application	Certification
106	3	3
105	1	6
104	2	8
103	3	2



offshore demonstration turbines set up completed



Port of Taichung



- With "Four-year Plan of Wind Power" to assist the Ministry of Economic Affairs set up a "One-Stop Service Window for Wind Power" to promote onshore and offshore wind power and other related issues.
- Exclusion of difficulties to help offshore demonstration turbines set up completed, and assisted offshore demonstration Turbines obtain electrical license on 2017/4/28, promote the development of Taiwan's offshore wind power industry and stimulate market investment.
- Assembly quayside: Quay 5A & 5B of Taichung Harbor will be constructed in 2018 & 2019.
- Assist the developer in applying for " Directions of Zone Application for Planning ".