

海域再生能源開發接軌國際推動計畫(I)

執行單位

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計畫主持人

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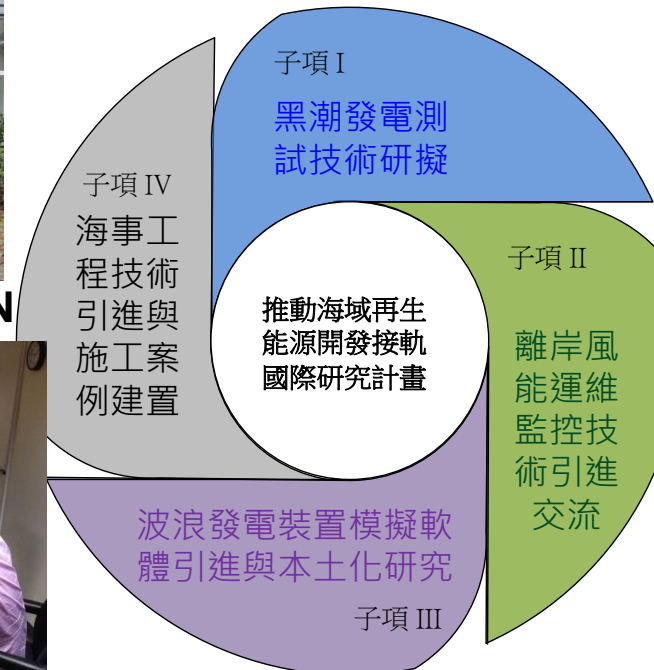
- 本計畫係聚焦於海域再生能源開發接軌國際，並以離岸風力及海洋能技術領域為主，期經由計畫4個分項工作實施來協助提升台灣自我之海域再生能源開發技術能量，為減碳目標貢獻一份心力。



參訪荷蘭海事研究所MARIN



交流會議-美國國家再生能源實驗室NREL



計畫總規劃與分項工作



交流會議-英國愛丁堡大學



媒合交流討論會-荷蘭能源中心ECN

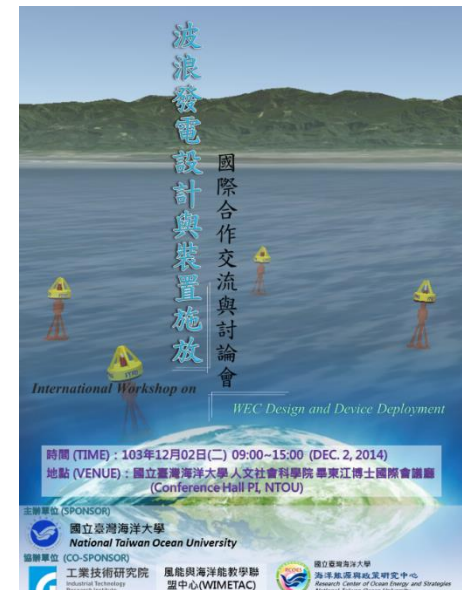
- 促成創新研發合作備忘錄之簽署，進而推動雙邊實質合作。
- 舉辦圓桌會議以凝聚雙/多邊合作共識與產業交流合作推動規劃，或發掘未來之創新前瞻技術研發議題。
- 拜訪全球重要海洋能研究機構，舉辦雙邊工作坊行銷國內產業優勢與國外創新研發環境，帶動我國能源產業發展。
- 本計畫在工研院共同合作下，促成國內風能TOWSC與荷蘭ECN廠商簽署運維技術合作備忘錄1件，國際交流會議3場，國內媒合工作坊2場及圓桌專家會議1場，工具引進及技術引進各1案。



國內外廠商運維技術備忘錄簽署



參訪美國國家西北海洋
再生能源中心NNWREC



Research Project for Promotion of International Linkage on Offshore Renewable Energy Development

Execution Unit

National Taiwan Ocean University

Project Director

Prof. Shiao-Yih Tzang

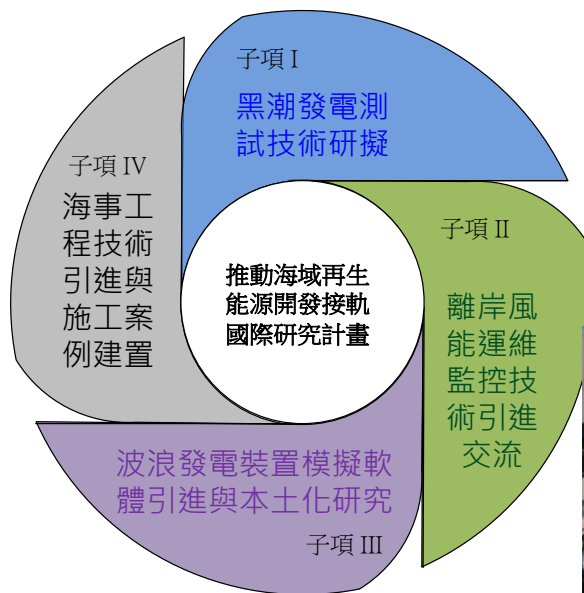
- This project is aimed at linking international society on technology developments of renewable energy in the offshore waters of Taiwan. The targets mainly focus on offshore wind and ocean energy. There are 4 tasks to be executed to help promote national technology development so as to contribute in carbon reduction.



Visit of MARIN, Holland



Visit of NREL, USA



Master Planning for 4 tasks



Seminar at UoE, UK



Match Workshop at ECN, Holland

- Help MOA signing between local TOWSC and Dutch ECN on operation & maintenance O&M for offshore wind.
- Organizing round-table meetings and match-up workshop on multiple or bilateral energy industry marketing.
- Visits on key academic & industry institutions on ocean energy to bring in advanced technology information.
- Along with ITRI, there are 1 MOA signing, 3 international exchange seminar, 2 match workshop, 1 round-table meeting, and introduction of 1 simulation tool.



MOA Signing on Offshore Wind O&M



Visit of NNMREC, USA