能源技術國際合作、認證研究與專利/技術產業化鏈結鏈結

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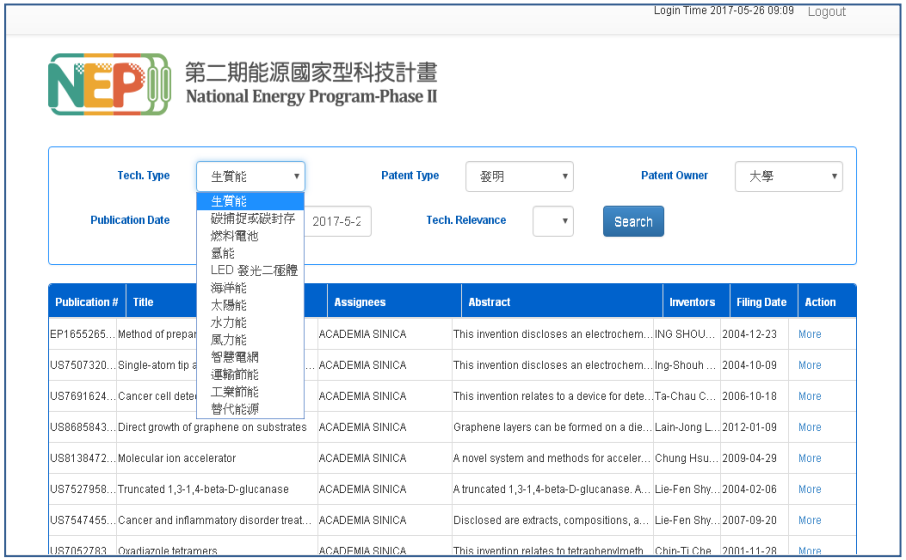
- 藉由能源技術國際合作、產業技轉推廣與檢測認證，及研發專利成果分享與技術產業化鏈結兩大主題，執行全面之技術 / 專利分析研究，促成專利授權、產學合作及技術商品化、整合與加值，並帶動綠能與能源相關產業的發展。



- 本計畫包含五個分項：
  - 分項一：重要能源科技相關研發專利成果之分析
  - 分項二：盤點重要能源科技相關研發專利
  - 分項三：探求產業界及學研界之與技術落差
  - 分項四：配合能源二期團隊，以系統化方式專利技術媒合資訊，以建構專利服務平台回饋
  - 分項五：具體促成國際以及國內技轉實績，鏈結對應廠商，提供能源科技學術成果產業化推展之解決方案，並輔以進行綠能基礎建設與人才培訓

- 本計畫先以太陽光電、替代能源領域以及智能電網領域為主要研究範圍，輔以能源二期之其他如離岸風力發電、地熱與海洋能主軸，進行技術驗證與專利分析整合，並提供媒合資訊之廠商名單，共同落實科技研發能量產業化及建構產學交流平台方能具體促進國際性與國內之專利技術與媒合。

International cooperation, certification research and patent/technology industrialization on Energy Technology

Execution Unit	NCTU, NTUST
Project Director	Prof. Ching-Yao Huang

- The objectives are the management of the related technology and patents created by through the international cooperation of energy technology, the research on the promotion and authentication of industry and technology. The major themes will be achieved by sharing patent information and technological industrialization chain. According to implement the comprehensive technology certification and technology/patent analysis research, we can promote patent licensing, prototype production, and commercialization, integration, enhancing the value of technology, which will lead to the development of green energy related industries.

- The project will focus on future industry impact to link Shalun Green Energy Science City Office by aiming at the development and application of energy-national science and technology projects. The patent search analysis methods and tools can gradually promote in the field of energy research and development and management, and systematize the production of information to facilitate sustainable long-term use.
- The project first takes the solar photovoltaic, the alternative energy domain and the smart grid domain as the main research scope, supplemented by other such as offshore wind power, the geothermal and the marine energy spindle, carries on the technical verification and the patent analysis conformity, and provides the list of the manufacturer of the cooperation information. The joint implementation of the energy industrialization of scientific research and development and the construction of the platform can specifically promote international and domestic patent technology and transfer.