

供中學生參考

For  
Secondary  
Students

# 專題研習指引 - 可再生能源

## Project Guide:

## Renewable Energy



### 中文資料索書號

- 333.5 能源
- 354 地熱能
- 448.15 水力發電
- 448.16 發電(包括風力發電和日光發電)

### Call Numbers for English Materials

- 333.7 Natural resources and energy
- 333.9 Other natural resources
- 621 Applied Physics

### 關鍵詞 Title Keywords

- 替代能源
- 生物燃料
- 能源危機
- 地熱能
- 綠色能源
- 水力發電
- 再生能源
- 太陽能
- 風能
- Alternative Energy
- Biofuels
- Energy Crisis
- Geothermal Energy
- Green Power
- Hydro Power
- Renewable Energy
- Solar Energy
- Wind Power



康樂及文化事務署  
Leisure and Cultural  
Services Department

香港銅鑼灣高士威道 66 號  
香港中央圖書館青少年圖書館  
Hong Kong Central Library, Young Adult Library  
66 Causeway Road, Causeway Bay, Hong Kong

網址 Homepage: [www.hkpl.gov.hk](http://www.hkpl.gov.hk)  
電話 Telephone: 2921 0335

## 1. 書籍 Books

例子 Examples :

<u>名稱</u> <u>Title</u>	<u>索書號</u> <u>Call No.</u>	<u>位置</u> <u>Location</u>
再生能源：尋找未來新動能 = Renewable energy : a very short introduction 尼克·傑利(Nick Jelley)著；王惟芬譯。 台北市：日出出版, 2022.	333.5 4477	ALE
聽李四光講新能源的故事 李四光紀念館編著。 北京：北京大學出版社, 2022.	333.5 1469	YAL
FURGANG, Adam Energy solutions for all New York, NY : Rosen Publishing, 2022.	333.79 FUR	YAL
TWIDELL, John Renewable energy resources Abingdon, Oxon ; New York, NY : Routledge, 2022.	333.9 TWI	ALE

## 2. 電子書 e-Books

例子 Examples :

綠水青山的國家戰略、生態技術及經濟學 王浩、李文華、李百煉、呂永龍、伍業鋼、嚴晉躍、侯立安、 俞孔堅、傅伯傑 香港中和出版有限公司, 2021.	SUEP 電子書
環保政策與綠色生活：國際視野下的香港 何偉歡、羅金義 中華書局(香港)有限公司, 2021.	SUEP 電子書
LONDON, Martha The Energy of Tomorrow Minneapolis : Essential Library. 2021.	eBooks on EBSCOhost
PEAKE, Stephen 10 Short Lessons in Renewable Energy Michael O'Mara, 2021.	OverDrive eBooks

### 3. 剪報 Newspaper Clippings (慧科電子剪報 WiseNews)

例子 Examples :

“G20 會議 再生能源部署未達共識”

2023-07-24, A10, 國際動態, 香港經濟日報

“新加坡徵集提案 研地熱能發電”

2023-09-16, A16, 國際, 明報

“國際能源署倡 2030 年前增再生能源電量兩倍 以實現 2050 年淨零排放”

2023-09-26, 國際, 明報新聞網

### 4. 電子資料庫 e-Databases

資料庫：中國期刊全文數據庫

例子 Examples :

“未來五年全球可再生能源預測和研究態勢”

【作者】黃寧燕 【文獻出處】科技中國, Scitech in China, 2024 年 4 期

“可再生能源的發展現狀及趨勢”

【作者】溫源遠、藍艷、于曉龍、張敏、王雪驕 【文獻出處】環境保護, Environmental Protection, 2024 年 05 期

“綠色金融能否促進可再生能源發展：以綠色信貸和綠色風投為例”

【作者】李博陽、李廷瑞、沈悅 【文獻出處】生態經濟, Ecological Economy, 2024 年 05 期

**Databases : Gale In Context: Environment Studies**

Examples :

Kuanrong Qiu and Evgueniy Entchev. “Modeling, design and optimization of integrated renewable energy systems for electrification in remote communities.” *Renewables: Wind, Water, and Solar*, Vol.11, Issue 1, 2024. *Gale In Context: Environment Studies*.

Milan Belik and Olena Rubanenko. “Implementation of Digital Twin for Increasing Efficiency of Renewable Energy Sources.” *Energies*, Vol. 16, Issue 12, June 2023. *Gale In Context: Environment Studies*.

## Databases : Gale In Context: Opposing Viewpoints

Examples :

Muhammad Umair, Nabil M. Hidayat, Ahmad Sukri Ahmad, Nik Hakimi Nik Ali, M. I. Mohd Mawardi and Ezmin Abdullah “A renewable approach to electric vehicle charging through solar energy storage.” *PLoS ONE*, Vol.19, Issue 2, 29 Feb 2024. *Gale In Context: Opposing Viewpoints*.

Silvia Megyesiova, Emília Dul'ová Spisáková and Barbora Gontkovicová. “European Union and its progress towards affordable and clean energy in context of the Agenda 2030.” *PLoS ONE*, Vol. 18, Issue 12, 21 Dec 2023. *Gale In Context: Opposing Viewpoints*.

## Databases : Gale In Context: Science

Examples :

Suwastika Naidu, Anand Chand, Atishwar Pandaram and Sunia Vosikata. “Electricity Consumption, Renewable Energy Production, and Current Account of Organisation for Economic Co-Operation and Development Countries: Implications for Sustainability.” *Sustainability*, Vol.16, Issue 9, May 2024. *Gale In Context: Science*.

Han Yan, Md. Qamruzzaman and Sylvia Kor. “Nexus between Green Investment, Fiscal Policy, Environmental Tax, Energy Price, Natural Resources, and Clean Energy—A Step towards Sustainable Development by Fostering Clean Energy Inclusion.” *Sustainability*, Vol.15, Issue 18, Sept 2023. *Gale In Context: Science*.

## 5. 網上資源 Selected Web Resources

香港可再生能源網

[https://re.emsd.gov.hk/tc\\_chi/index.html](https://re.emsd.gov.hk/tc_chi/index.html)

建造業零碳天地

<https://zcp.cic.hk/chi/renewable-energy>

United Nations: Climate Action

[https://www.sciencedaily.com/terms/renewable\\_energy.htm](https://www.sciencedaily.com/terms/renewable_energy.htm)

圖書館資料位置 Location of materials :

ALE	三樓	成人借閱圖書館	Adult Lending Library, 3/F
YAL	六樓	青少年圖書館	Young Adult Library, 6/F

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如有任何疑問，請向青少年圖書館職員查詢  
Please ask staff at Young Adult Library if you need more help