

# Global Use of AI in Tackling Climate Change Building Resiliency for Businesses and Societies

## 邁向氣候韌性: AI 如何輔助企業進行關鍵減碳行動

We are facing dire threats due to the climate crisis. However, with innovation and the development of artificial intelligence (AI), we now have new capabilities to try to mitigate and adapt to these challenges. In the face of certain situations, AI has proven to be an accurate, fast, and reliable method to mitigate the effects climate change has on our economy, industry, and society. This webinar will discuss how we can use AI to solve climatic problems across the world and strengthen the resiliency of businesses and societies.

在氣候危機的壓力下，我們人類正面臨著巨大的威脅；然而，隨著人工智慧 (AI) 等科技的突破，人類已逐步發展出更多創新技術來應對氣候變遷的挑戰。近年來，AI 已被證實可建構精準、快速且可靠的方法，來輔助處理氣候變遷對經濟、產業及社會的影響。本論壇由經濟部工業局主辦，全球氣候變遷與 AI 中心 (Centre for AI & Climate)<sup>1</sup> 協辦，分析 AI 解決氣候變遷的關鍵領域與分享成功案例。

### ■ 日期與時間 Date and Time :

2022 年 5 月 25 日 (三) 4:00-5:30PM (台北時間)  
25<sup>th</sup> of May 2022 (Wed) 9:00-10:30AM (GMT+1)

### ■ 型式 Type :

線上會議 Virtual Conference

### ■ 主辦單位 Organizer :

經濟部工業局 Industrial Development Bureau (IDB), Ministry of Economic Affairs

### ■ 協辦單位 Co-Organizer :

全球 AI 與氣候中心 Centre for AI & Climate (CAIC)

### ■ 執行單位 Implementers :

財團法人資訊工業策進會 Institute for Information Industry (III)

財團法人中華經濟研究院 Chung-Hua Institution for Economic Research (CIER)

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<sup>1</sup> 該中心為 OECD Global Partnership on Artificial Intelligence (GPAI) 之周邊國際組織，旨在連結 AI 技術與政府政策及產業活動，以因應全球氣候變遷；已於 2021 年發表廣受關注的《Climate Change and AI》白皮書，提供各國政府制定 AI 產業與氣候變遷政策的分析。

## 議程 Agenda

時間 Time	講題 Topic	講者 Speaker
15:30 – 16:00 (08:30 – 09:00)	<b>報到 Registration</b>	
16:00 – 16:10 (09:00 – 09:10)	<b>貴賓致詞</b> Opening Remarks	<b>經濟部工業局</b> Industrial Development Bureau (IDB)
16:10 – 16:20 (09:10 – 09:20)	<b>解析 AI 促進氣候行動的關鍵領域</b> Key Areas Where AI Can Facilitate Climate Action	<b>Peter Clutton-Brock</b> Co-Founder Centre for AI & Climate
16:20 – 16:30 (09:20 – 09:30)	<b>案例分享: 智慧建築中最佳感測器決策</b> Case Study: Decisions for Sensing System Planning in Smart Buildings	<b>Dr. Vu Thuy Linh</b> Research Fellow AI for Operations Management Research Center
16:30 – 16:40 (09:30 – 09:40)	<b>案例分享: AI 漁電共生成就企業</b> <b>關鍵減碳行動</b> Case Study: Using AI to Reduce Carbon Emissions of Inland fisheries	<b>張夷君秘書長</b> <b>台灣智慧漁光協會</b> Dr. I-Chun Chang Taiwan Smart Aquaculture Glow Association
16:40 – 16:50 (09:40 – 09:50)	<b>案例分享: 數位化養蝦改變紅樹林生態</b> Case Study: An AI-based Aid for Shrimp Farming	<b>余萬洲執行長</b> <b>艾滴科技(股)公司</b> Alan Yu Founder, ID Water Technology Co.
16:50 – 17:20 (09:50 – 10:20)	<b>專題論壇 Panel Discussion</b>	
17:20 (10:20)	<b>閉幕 Closing Remarks</b>	

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