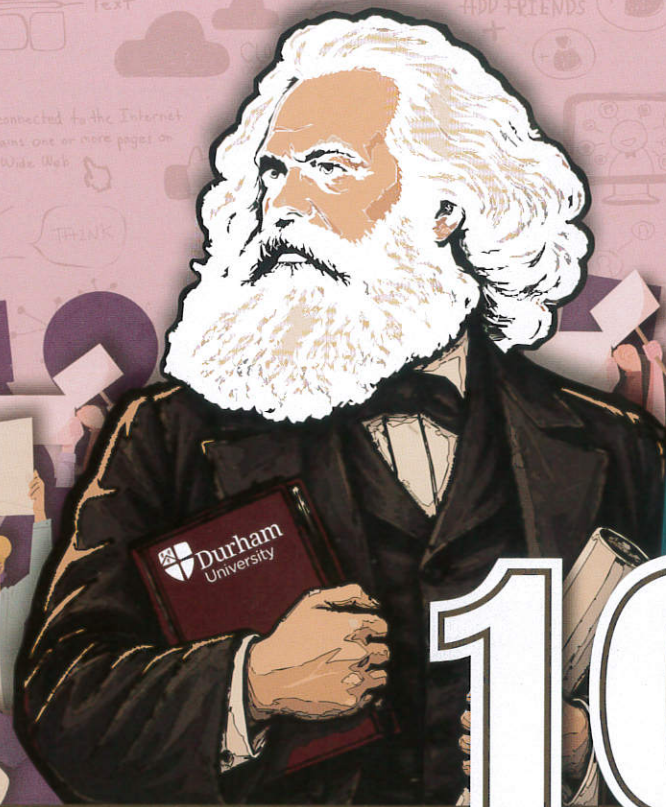


Durham University

Social Science

哲學家們只是用
不同的方式解釋世界，
然而問題在於改變世界

— Karl Marx



University of Birmingham

STEM

在科學的道路上，
我們應該不畏艱難，
永遠追求真理。

— Marie Curie



10TH

PROJECT CONTEST

英國大學專題競賽

由 杜倫大學 和 伯明翰大學 主辦

優勝隊伍最高可獲得 7,000 英鎊獎學金 或 1,050 英鎊等值禮券

參賽資格與規則：

全台高中職在校生，
詳細規章與報名資訊
請掃描 QRcode



重要日期：

2026 / 12 / 30 (三) 13:00 報名截止
2027 / 02 / 23 (二) 13:00 初賽影片繳件截止
2027 / 03 / 16 (二) 15:00 公布初賽結果
2027 / 04 / 02 (五) 13:00 決賽 PPT 繳件截止
2027 / 04 / 17 (六) 台北決賽

主辦單位：Durham University

UNIVERSITY OF BIRMINGHAM

StudyGroup

KAPLAN

協辦單位：ISC 國際學生中心

競賽介紹

第十屆英國大學專題競賽正式開跑！每一年的英國大學專題競賽激發了學生的創新思維與跨領域才華，表現優異者不僅能榮獲豐厚獎學金，更能取得直通英國頂尖學府的入學機會。本屆賽事將由享譽全球的世界百大杜倫大學與伯明翰大學在臺攜手合辦，期待更多臺灣學生在世界級舞台上大放異彩！

Durham University - Social Science

Business - Strategy and Future Trends Challenge

Task

Businesses around the world are facing unprecedented technological, economic, environmental, and social changes. As a team of business consultants, your task is to investigate a contemporary or emerging business challenge, analyse its implications for organisations, evaluate possible strategic responses, and propose well justified recommendations, supported by research and business theory.

You will present your research and recommendations in a format of your choice, such as a PowerPoint presentation, business report or academic poster.

Suggested Business Scenarios (Choose One)

Current Business Challenges

- The impact of Artificial Intelligence on business operations and employment
- Managing global supply chain disruptions
- Rising inflation and changing consumer spending habits
- Cybersecurity threats and business resilience
- Sustainability and achieving net-zero business operations
- The impact of geopolitical conflicts on international business
- ESG (Environmental, Social, and Governance) and corporate performance

Future Business Challenges

- The future of AI-driven businesses by 2035
- The role of automation and robotics in the workplace
- The future of electric vehicles and sustainable transport
- The circular economy and waste-free business models
- Climate change adaptation and business survival

University of Birmingham - STEM

Introduction

Natural disasters such as earthquakes, volcanic eruptions, typhoons, floods and landslides can have a major impact on people and communities. They can damage homes, schools, roads and essential services, and can make it difficult for communities to access food, water, electricity or medical support.

Engineers play an important role in helping communities prepare for, withstand and recover from these challenges. They design stronger buildings, safer infrastructure, flood protection, early-warning technologies and many other solutions that can reduce damage and protect lives.

This project challenges students to think like engineers and develop an innovative solution to a real-world natural disaster problem.

Competition Challenge

Imagine that you are an engineer. Choose one natural disaster and design an engineering solution that could help protect people, infrastructure or essential services from its effects. Your solution should address a clearly defined problem faced by a specific community or group of people. You should explain how your solution works, why it could be useful, and whether it could realistically be implemented.

You may choose:

- Earthquakes
- Volcanic eruptions
- Typhoons $\text{CH}_2 = \text{CH}_2$
- Floods
- Landslides
- Extreme heat
- Drought or water shortages
- Another natural disaster, provided you clearly explain your choice

Your solution could be:

A building, structure, product, device, technology, transport system, energy system, communication system, water system, piece of infrastructure or another engineering concept.

For more details about the contest guidelines, please scan the QR code.



For more details about the contest guidelines, please scan the QR code.

$$\frac{VA^2 + CD}{2} = H^2$$