

Financial Times in the News: China Emissions



Theme and Specification link

This edition of *Financial Times in the News* explores the prospect of China reaching its peak carbon dioxide emissions.

The link to the article can be found here: <https://bit.ly/4h08ORg> or use the QR code in the top right corner of this page.

This article underpins many aspects of energy security within the A Level Specifications specifically:

AQA

3.1.1.3.c. Changes in the carbon cycle over time, to include natural variation (including wild fires, volcanic activity) and human impact (including hydrocarbon fuel extraction and burning, farming practices, deforestation, land use changes).

3.1.1.3.d. The carbon budget and the impact of the carbon cycle upon land, ocean and atmosphere, including global climate.

3.2.1.2 Global systems

3.2.5.4 Energy security.

3.2.5.6 Resource futures.

3.2.5.7 Case studies.

Edexcel

6.3 A balanced carbon cycle is important in sustaining other earth systems but is increasingly altered by human activities.

6.4 Energy security is a key goal for countries, with most relying on fossil fuels.

6.5 Reliance on fossil fuels to drive economic development is still the global norm.

6.6 There are alternatives to fossil fuels, but each has costs and benefits.

EDUQAS & (WJEC)

(4)3.3.3 Opportunities and constraints of India or China's physical environment.

(4)3.3.6 Threats to India's or China's environment associated with economic growth.


(4)3.4: Energy Challenges and Dilemmas.

OCR

3.a. Human factors can disturb and enhance the natural processes and stores in the water and carbon cycles.

4. In what ways can humans respond to climate change?



Summary in numbers 

Find the related statistic in the article and develop it to add context and summarise the report.

65%

200

2060

18%

5%

2030

9%

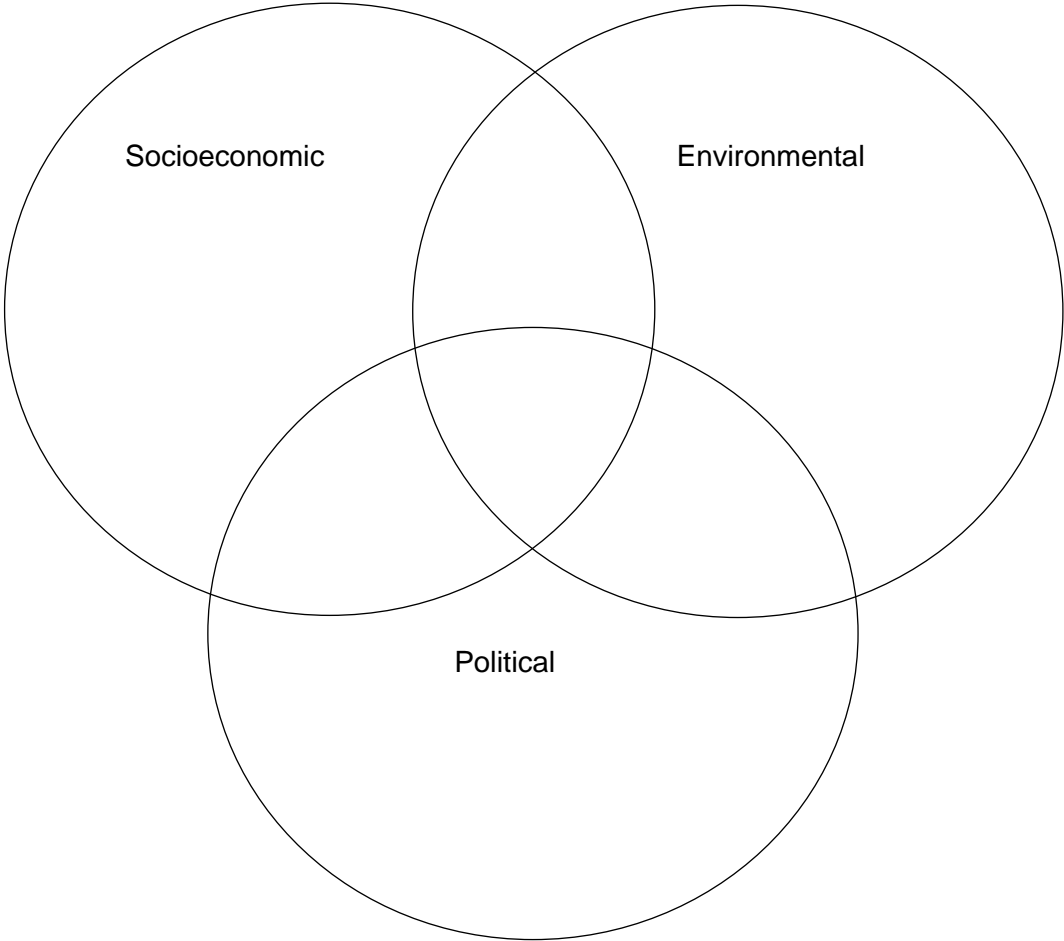
Wider issues

Write a question here to help think about other issues which might influence the points in the article.



Evaluating decarbonisation 

Complete the triple Venn Diagram below to identify the pros and cons of decarbonising countries such as China. Use information from the article as well as your own knowledge.



Which classification came up the most? Why do you think this is the case?

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Synoptic links



Note down any synoptic links using your specification to help you. A Mind map might be helpful here.

China carbon emissions

5 examination style questions



Assess the impacts of a decarbonised country such as China.

Explain why meeting carbon emission targets poses challenges for countries such as China.

Evaluate the role China has in a global sustainable future.

Evaluate the implications of China's shift to high-tech manufacturing on its carbon intensity goals.

“China’s boom in renewable energy and electric vehicles represents a major step forward in addressing global climate change.” To what extent do you agree with this statement?