



Oxford Cambridge and RSA

Thursday 12 June 2025 – Morning

**GCSE (9–1) Geography A
(Geographical Themes)**

J383/03 Geographical Skills

Resource Booklet

Time allowed: 1 hour 30 minutes



INSTRUCTIONS

- Do **not** send this Resource Booklet for marking. Keep it in the centre or recycle it.

INFORMATION

- This document has **8** pages.

Fig. 1**Extract about renewable energy capacity**

Nothing, it seems, can hold back the advance of renewable energy. A record amount of renewable energy capacity was generated in 2022.

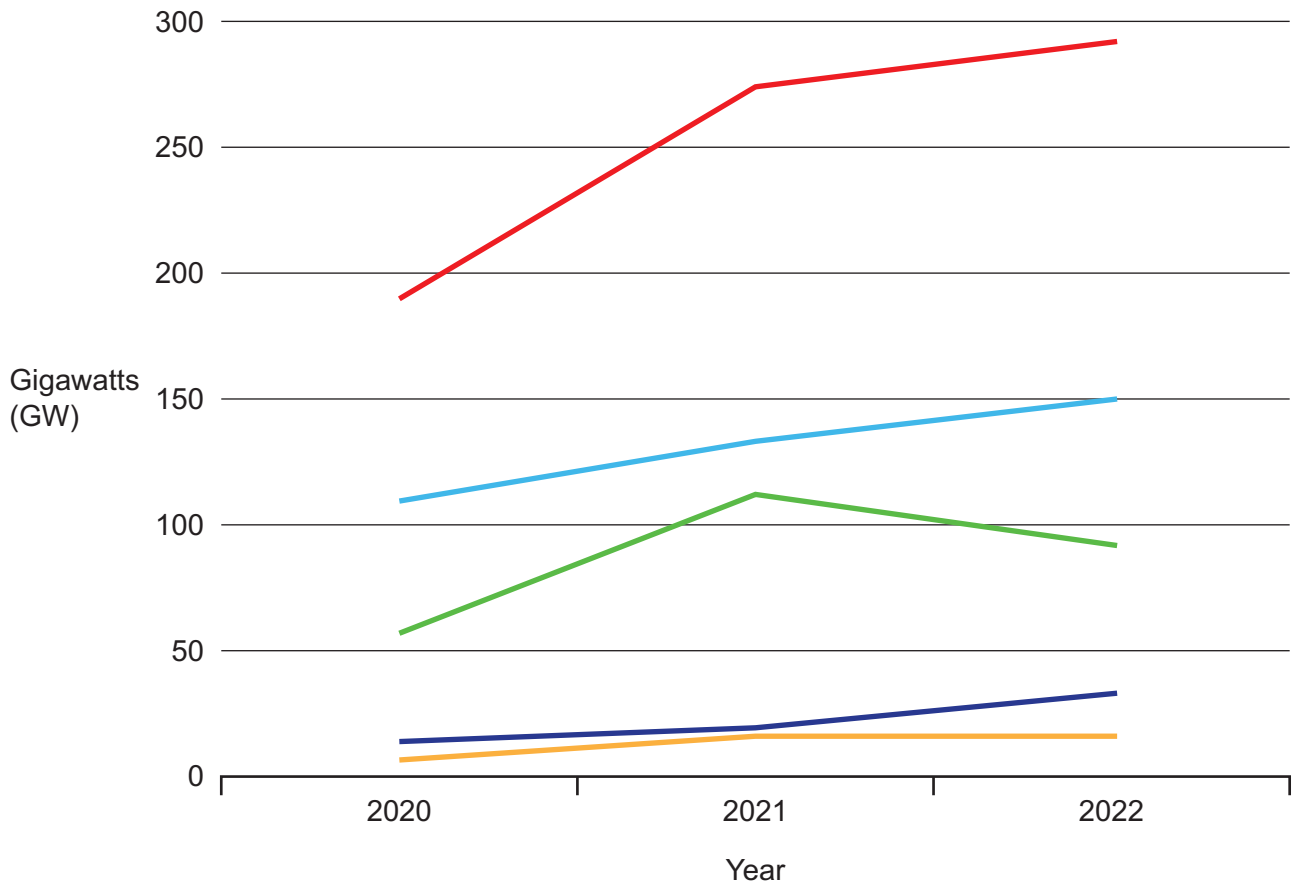
An 8% rise was led by a surge in solar power and rise in hydro-electric power (HEP). However, a 17% decline in new wind power generation shows that increased capacity has not happened for all renewables.

China had 46% of the new capacity added in 2022, with government money encouraging record-breaking growth in the amount of offshore wind power. In Europe, solar had the largest growth, with projects in Spain, France, Poland, and Germany.

Growth in renewable energy capacity in Europe could almost entirely replace electricity generation currently powered by Russian gas, say experts. Even on current trends renewables could reduce dependence on Russian gas “significantly”, whilst also reducing carbon emissions and helping to meet net zero targets.

Fig. 2

UK renewable energy generation 2020–2022



Key

- Total
- Solar
- Wind
- HEP*
- Bioenergy**

*HEP (Hydro-electric Power): Renewable energy generated from fast-flowing water.

**Bioenergy: Renewable energy created from natural, biological sources.

Fig. 3

Relationship between child mortality and natural population increase

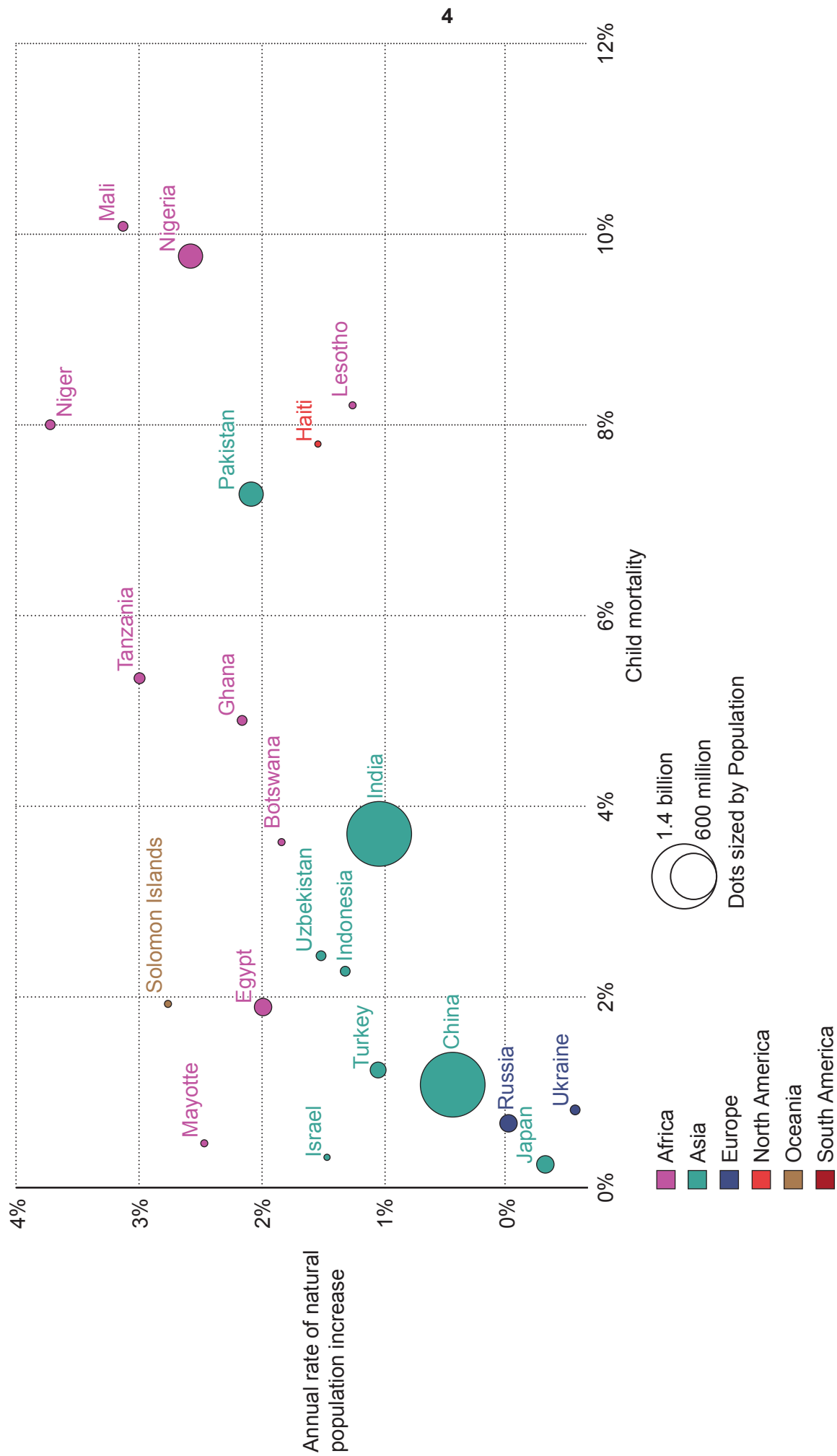


Fig. 4
Choropleth map of world population growth

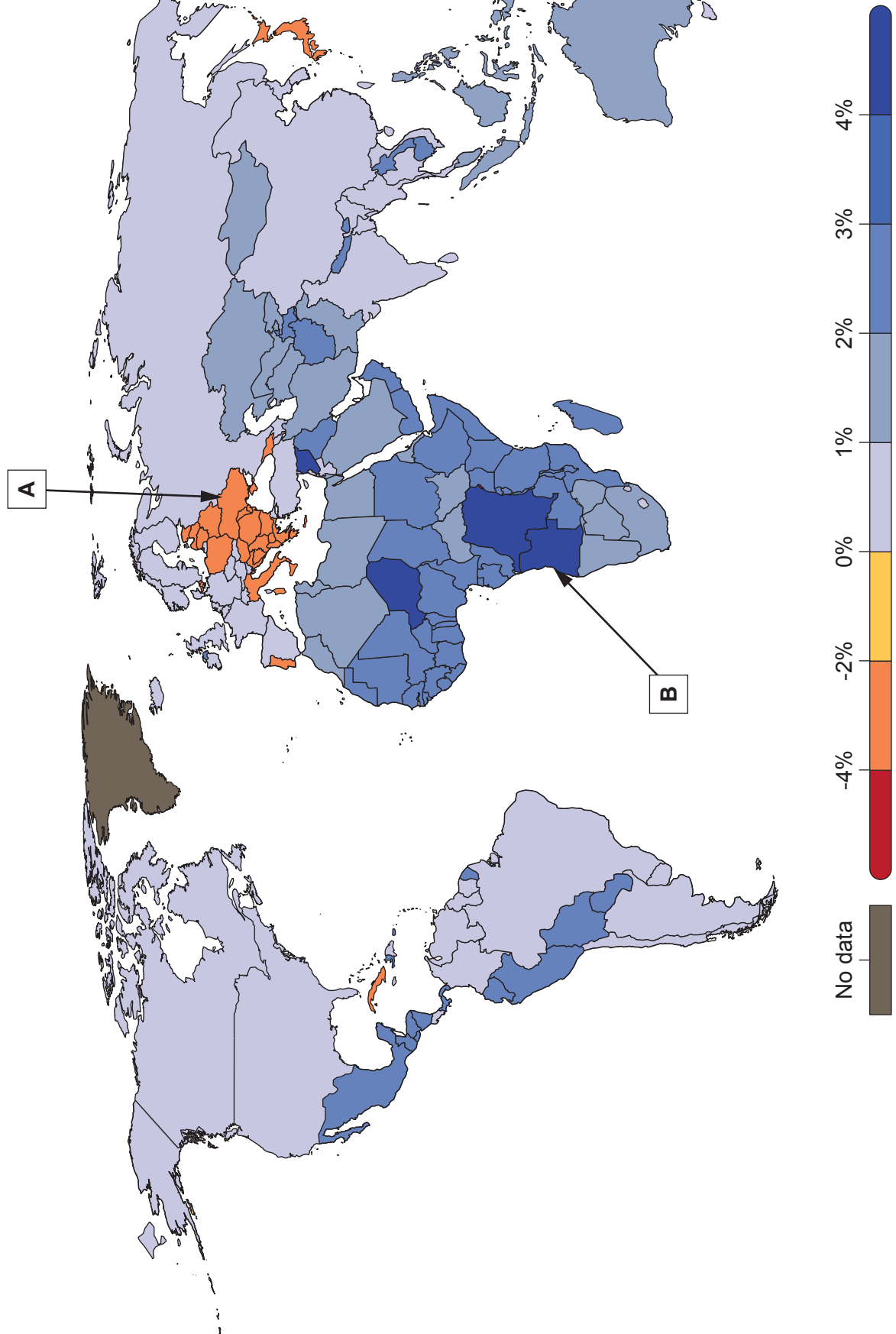


Fig. 5a

Results of the student's questionnaire

Question	Answer	Number of responses
1. How long have you lived here?	Less than 2 years	35
	Between 2–5 years	28
	5–10 years	8
	10 or more years	29
2. What is your impression of the environmental improvements made to this area?	Strongly positive	60
	Positive	25
	Negative	10
	Strongly negative	5

Fig. 5b

Student's presentation of results

How long have you lived here?



■ Less than 2 years ■ Between 1-5 years
■ 5-10 years ■ 10 or more years

Fig. 6

Photograph of study site



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