GradeMax

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| Surname | Other names |
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**Pearson Edexcel**
**International Advanced Level**

Centre Number | | | | | |

Candidate Number | | | | |

# Geography

## International Advanced Subsidiary
## Paper 1: Global Challenges

Tuesday 16 May 2017 – Afternoon
**Time: 1 hour 45 minutes**

Paper Reference
**WGE01/01**

**You must have:**
Resource Booklet (enclosed)

Total Marks

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions in Section A. Answer **either** Question 5 **or** Question 6 in Section B.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- Calculators may be used.

### Information

- The total mark for this paper is 90.
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*

### Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

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## SECTION A

**You must use the Resource Booklet.**

**Answer ALL questions in this section. Write your answers in the spaces provided.**

**Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.**

**1** Study Figure 1 in the Resource Booklet.

(a) (i) Identify the global region with the highest risk from all hydro-meteorological hazards.

**(1)**

☒ **A** North America

☒ **B** South Asia

☒ **C** Oceania

☒ **D** Europe

(ii) Describe the pattern of risk from all hydro-meteorological hazards in **Africa**.

**(2)**

(iii) Explain **one** physical cause of drought in the area labelled X on Figure 1.

**(2)**

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(b) Explain **two** human activities that can increase the risk of flood disasters.

**(4)**

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(c) Explain the global distribution of active volcanoes.

**(6)**

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**(Total for Question 1 = 15 marks)**

**2** Study Figure 2 in the Resource Booklet.

(a) Carbon dioxide is a greenhouse gas.

(i) Name **one** other greenhouse gas.

**(1)**

(ii) Compare the carbon dioxide emissions in 1993 to those in 2013 shown in Figure 2.

**(4)**

(iii) Suggest **one** possible explanation for the changes to the emissions shown in Figure 2 for the following countries:

**(4)**

Germany

China

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(b) Explain why adapting to rising sea levels is easier in some locations than others.

**(6)**

**(Total for Question 2 = 15 marks)**

**3** Study Figure 3 in the Resource Booklet.

(a) (i) Identify the correct statement about the origin of the 787 aircraft parts shown in Figure 3.

**(1)**

- ☒ **A** Most components are made in Japan.
- ☒ **B** Most components are made in emerging countries.
- ☒ **C** Most components are made in developed countries.
- ☒ **D** Most components are made by Boeing.

(ii) Suggest **one** way that Boeing and supplier TNCs might use the internet to manage the production of the 787 aircraft.

**(2)**

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(iii) Explain **one** way that aircraft like the 787 contribute to globalisation.

**(2)**

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(b) Explain **two** benefits for countries joining free trade blocs.

**(4)**

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(c) Explain why there are concerns about the impacts of globalisation on the **local** environment.

**(6)**

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**(Total for Question 3 = 15 marks)**

**4** Study Figure 4 in the Resource Booklet.

(a) (i) Name the country with the lowest percentage urban population.

**(1)**

(ii) Describe the relationship between annual income per capita and percentage urban population shown in Figure 4.

**(3)**

(iii) Suggest **one** possible cause of the relationship shown in Figure 4.

**(2)**

(b) Explain the negative impacts of urbanisation on surrounding rural areas.

**(3)**

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(c) Explain the challenges of meeting housing needs in cities in the developing world.

**(6)**

**(Total for Question 4 = 15 marks)**

**TOTAL FOR SECTION A = 60 MARKS**

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## SECTION B

**Answer ONE question in this section – EITHER Question 5 OR Question 6.**

**Use the evidence provided in the Resource Booklet, your own ideas and examples.**

**If you answer Question 5 put a cross in the box ☒ .**

**5** Study Figure 5 in the Resource Booklet.

(a) Explain why some countries are more willing to take greater actions to reduce emissions.

**(10)**

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(b) Assess the extent to which prediction and monitoring technology can help reduce the impacts of natural disasters.

**(20)**

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**(Total for Question 5 = 30 marks)**

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**If you answer Question 6 put a cross in the box ☒ .**

**6** Study Figure 6 in the Resource Booklet.

(a) Suggest reasons for the pattern of international migrants shown in Figure 6.

**(10)**

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(b) Assess the costs and benefits of globalisation for workers in both developed and developing countries.

**(20)**

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**(Total for Question 6 = 30 marks)**

**TOTAL FOR SECTION B = 30 MARKS**
**TOTAL FOR PAPER = 90 MARKS**

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GradeMax

# Pearson Edexcel
## International Advanced Level

# Geography
## International Advanced Subsidiary
## Paper 1: Global Challenges

Tuesday 16 May 2017 – Afternoon
**Resource Booklet**

Paper Reference
**WGE01/01**

**Do not return this Resource Booklet with the question paper.**

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## SECTION A

**The following resource relates to Question 1.**

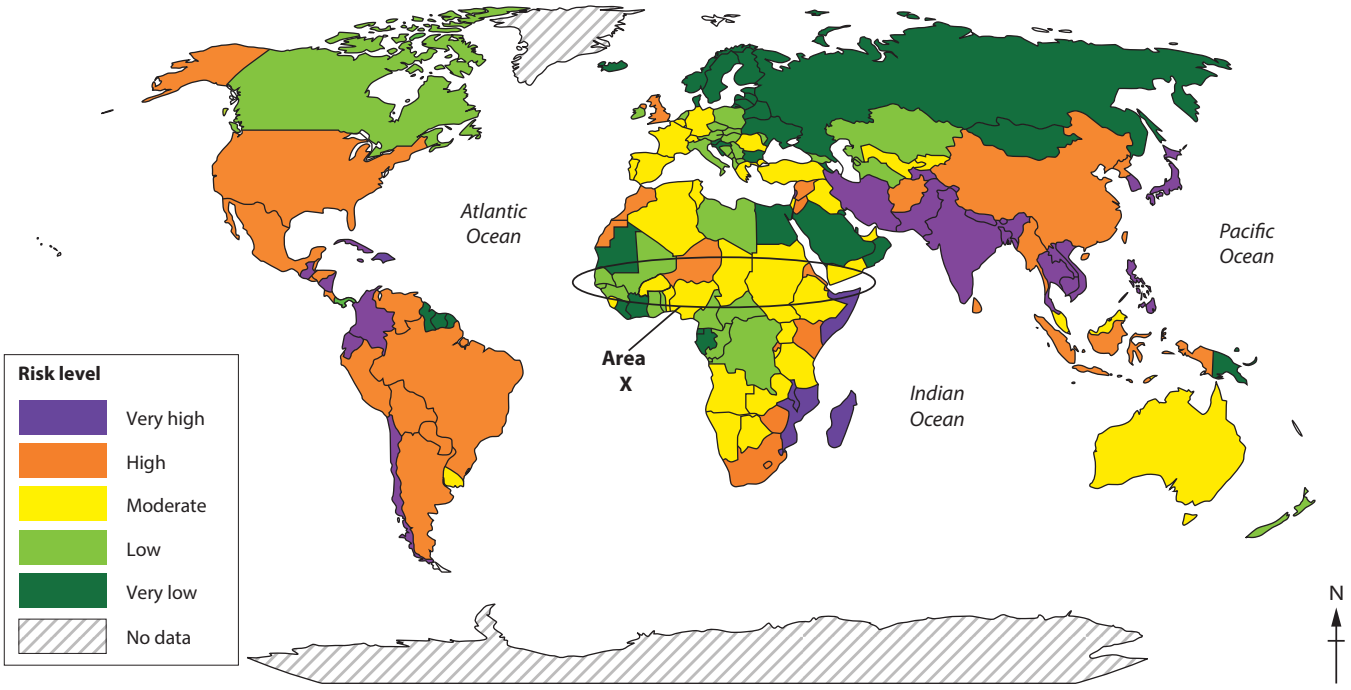



**Figure 1**

Risk level from all hydro-meteorological hazards (floods, droughts and cyclones)

**The following resource relates to Question 2.**

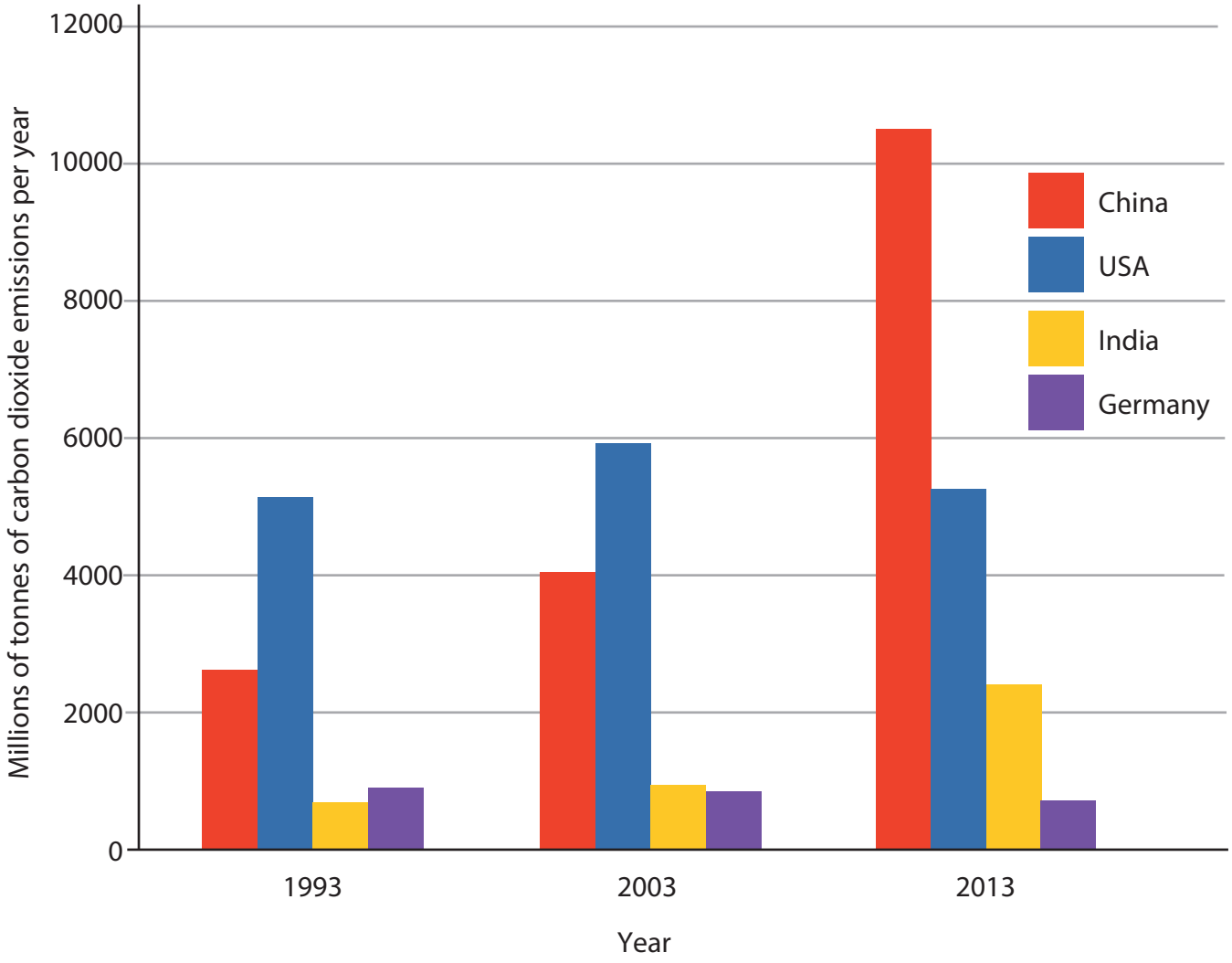



**Figure 2**

Total carbon dioxide emissions for four countries

**The following resource relates to Question 3.**

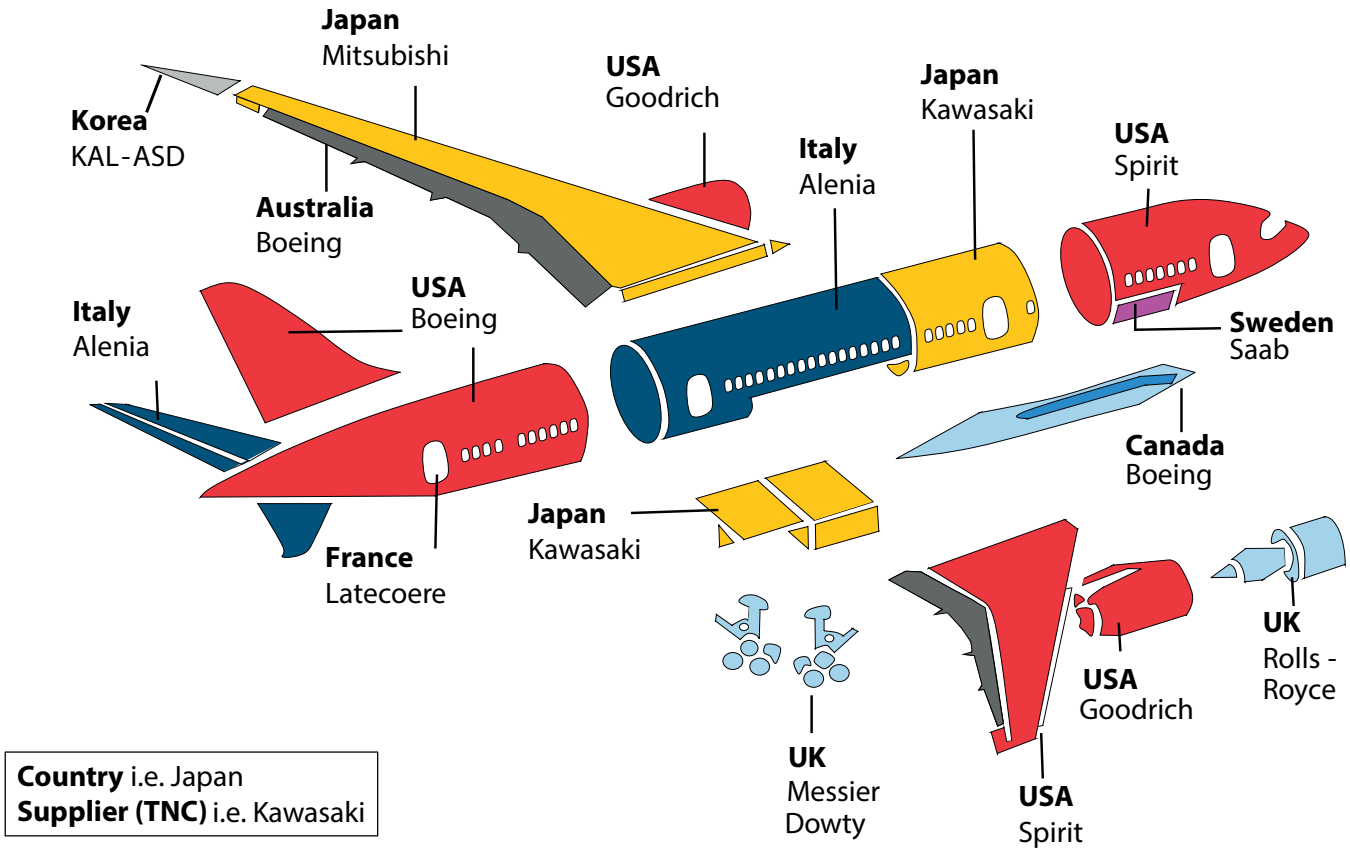



**Figure 3**

The origin of parts for the USA-based Boeing 787 jet passenger aircraft

**The following resource relates to Question 4.**

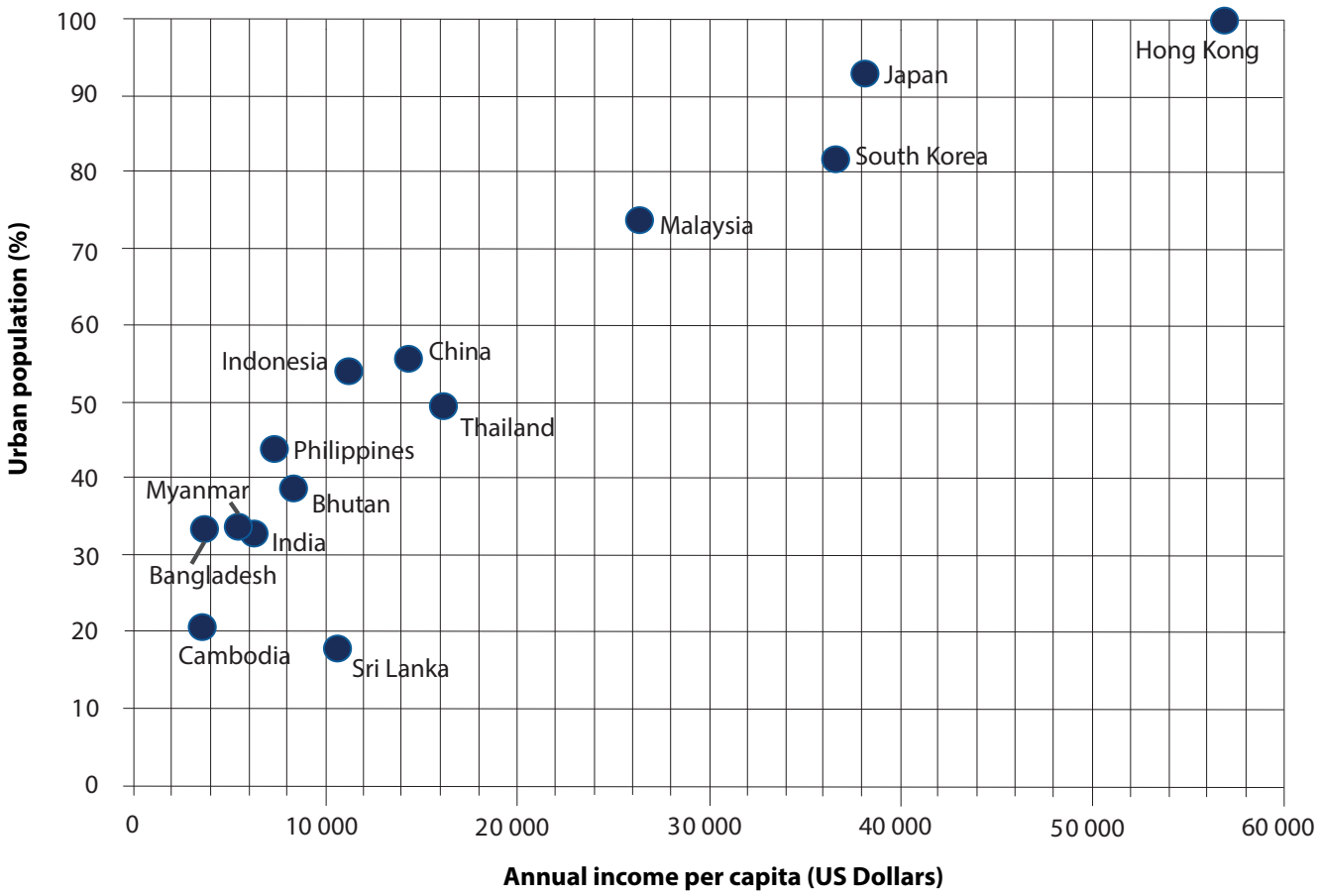



**Figure 4**

A scattergraph showing annual income per capita and urban population

## SECTION B

**The following resource relates to Question 5.**

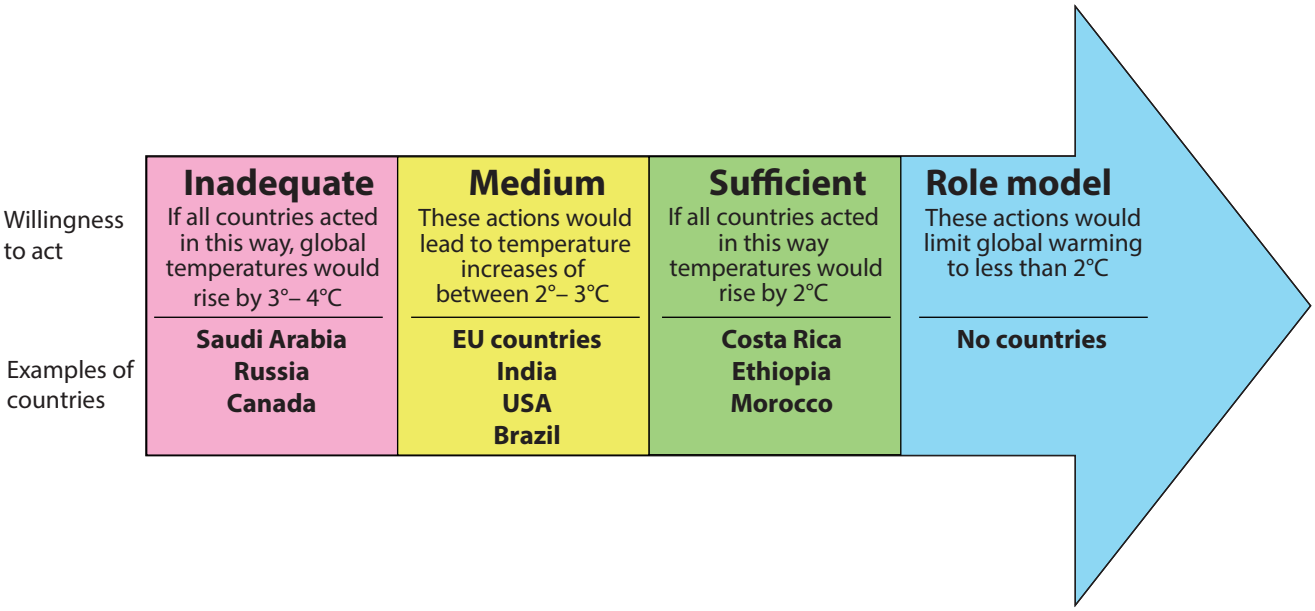



**Figure 5**

Willingness to act to reduce emissions at the 2015 Paris climate change summit

**The following resource relates to Question 6.**

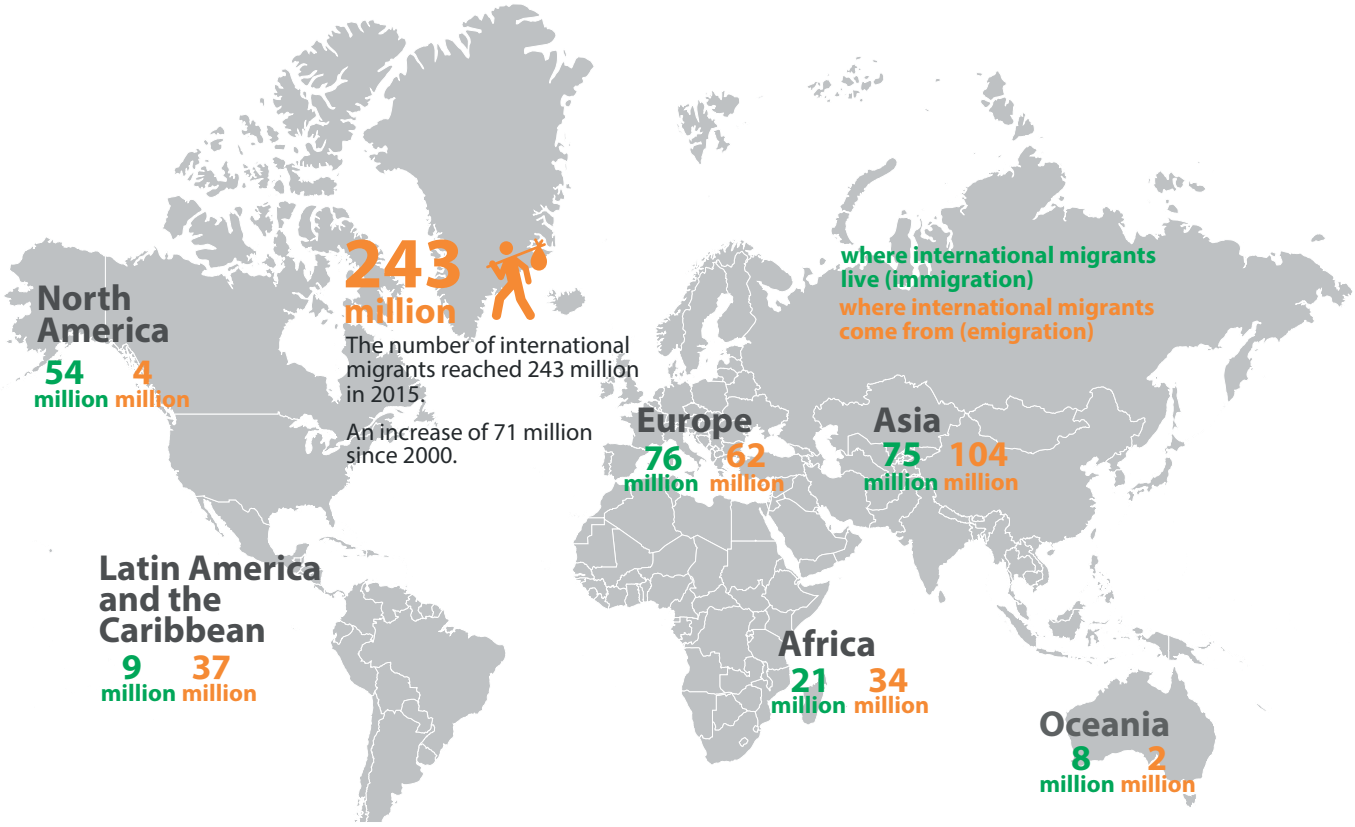



**Figure 6**

The number of international migrants in 2015

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