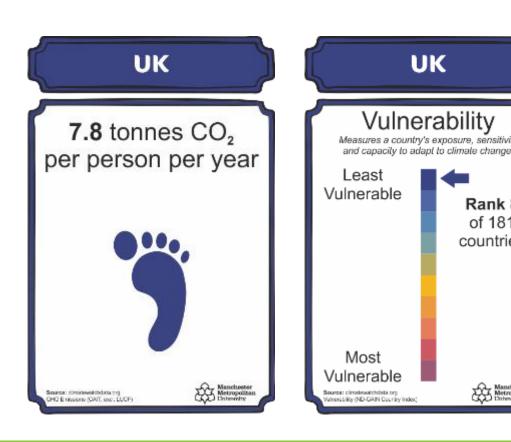
# Activity 4 – Country & vulnerability Footprints

- **Production** based footprints
- Line up from the countries from the one with the highest footprint to the one with the lowest footprint
- Vulnerability is a measure of a country's exposure, sensitivity and capacity to adapt to climate change (considers food, water, health, ecosystem service, human habitat and infrastructure)



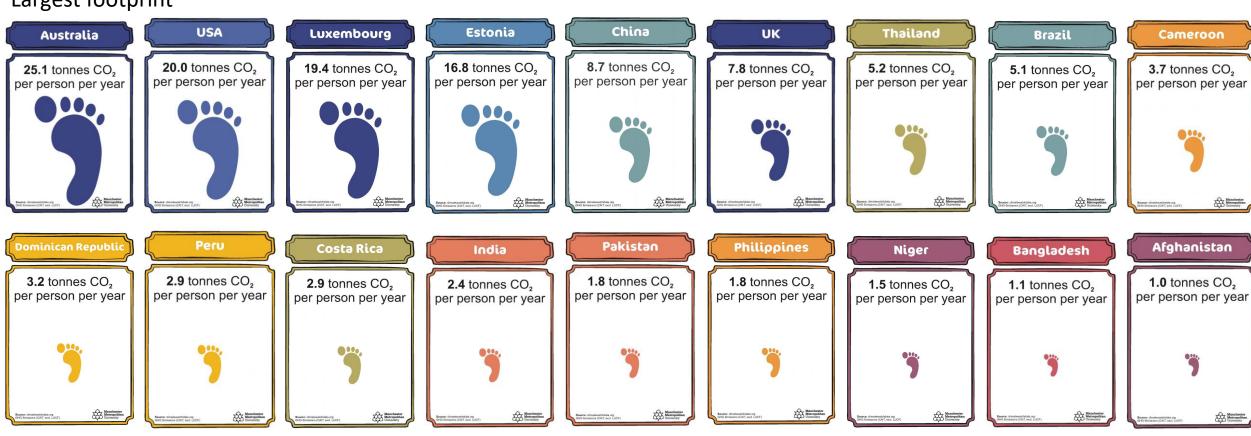
Rank 8

of 181 countries

Data freely available from cait.wri.org & www.climatewatchdata.org

# **Answers- Carbon Footprint**

### Largest footprint



Smallest footprint

#### Australia

25.1 tonnes CO<sub>2</sub> per person per year

#### USA

20.0 tonnes CO<sub>2</sub> per person per year

Source: climatewaichdata org
GHG Emissions (CAIT, excl. LUCF)

Manchester Metropolitan University

# Luxembourg

19.4 tonnes CO<sub>2</sub> per person per year

Source: dimalewalchdata.org
OHO Emissions (CAT, and LUCF)

Manchester
Metropolitan
University

#### Estonia

16.8 tonnes CO<sub>2</sub> per person per year

Source: climatewatchdata org.
Gid Emissions (CAIT, excl. LUCF)

Marchaster
Metopolitan
University

#### China

8.7 tonnes CO<sub>2</sub> per person per year

Source: dimatewatchdata.org
Grid Emissions (CAT. excl. LUCF)

Manchester
Mutropolitan
Mutropolitan
Mutropolitan

## Dominican Republic

3.2 tonnes CO₂ per person per year

Source: dimatewatchdata.org

#### Peru

2.9 tonnes CO<sub>2</sub> per person per year

Source: climatewalchdata.org
GHO Emissions (CAT. excl. LUCF)

Manchester
Metropolitan
GHO Emissions (CAT. excl. LUCF)

# Costa Rica

2.9 tonnes CO<sub>2</sub> per person per year

Source: climalewatchdala org.
GHG Emissions (CAIT, excl LUCF)

Manchester.
M

### India

2.4 tonnes CO<sub>2</sub> per person per year

Source: dimatewalchdata.org
GHG Emissions (CAT, exct. LUCF)

Manchester
Manchester
Muniversity
University

# Pakistan

1.8 tonnes CO<sub>2</sub> per person per year

Source: dimalematch/data.org
GHG Emissions (CAIT. excl. LUCF)

Marchester Metropolitan University

#### UK



# Thailand



#### Brazil

5.1 tonnes CO₂ per person per year

Source: climatewate/data org. GHG Emissions (CAT. excl. LUCF)

Manchester Marcopilitan University Indicessors (CAT. excl. LUCF)

## Cameroon

3.7 tonnes CO<sub>2</sub> per person per year

Source: climatewatchdata org GHG Emissions (CAT, excl. LUCF)

Manchester Metropolitan University

# Philippines

1.8 tonnes CO₂ per person per year

Source: climatewatchdata org GHG Erinsstore (CAT; exct. LUCF)

Manchester Metropitata University

# Bangladesh

1.1 tonnes CO<sub>2</sub> per person per year

Source: dimatewatchdata org OHG Emissions (CMT, and LUCF)

Manchester Metropolitan University

# Niger

1.5 tonnes CO<sub>2</sub> per person per year

Source: climalewatchdala org
GHG Enissions (CAT, excl. LUCF)

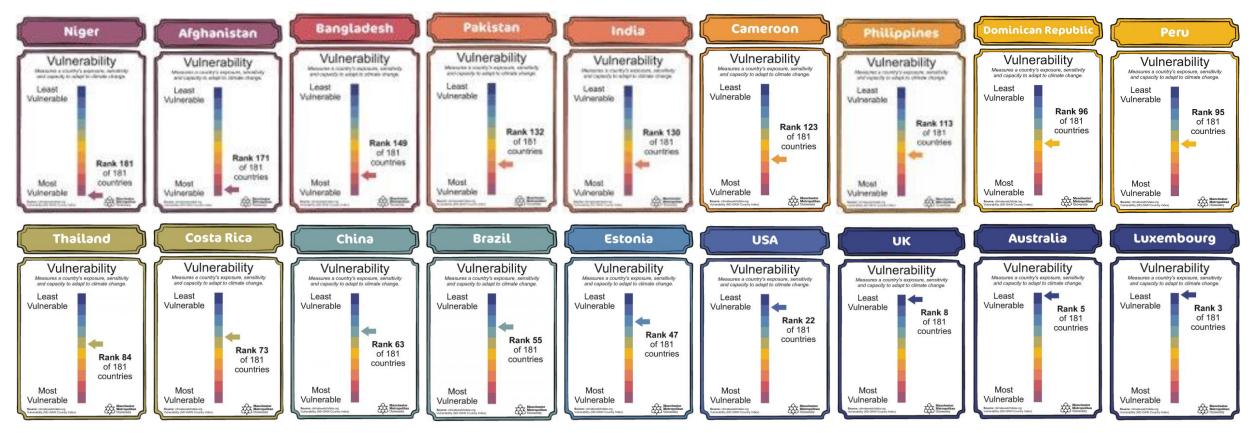
Manchester Metropolitan University

# Afghanistan

1.0 tonnes CO<sub>2</sub>
per person per year

# **Answers - Vulnerability**

#### Most Vulnerable

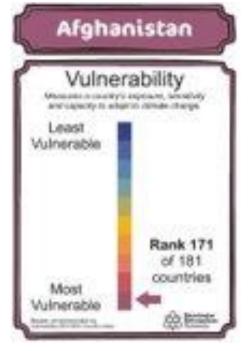


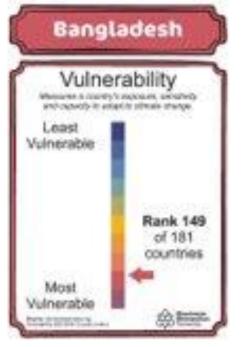
# Globally

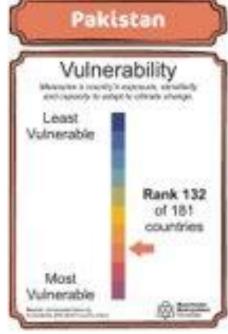
Least Vulnerable: Switzerland Most Vulnerable: Niger

Least Vulnerable

# Vulnerability Most Vulnerable Rank 181 of 181 countries Vulnerable

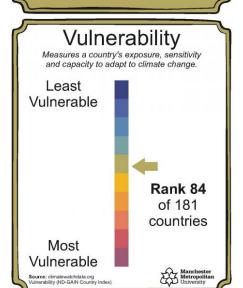




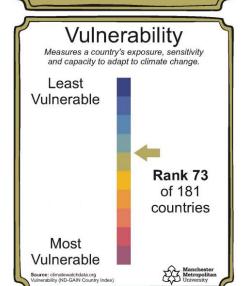




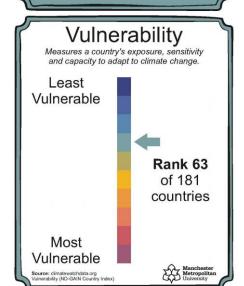




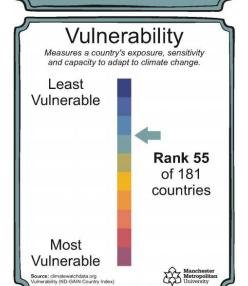
Costa Rica



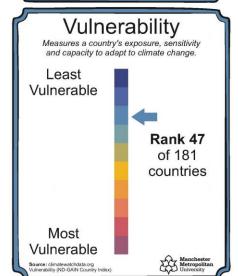
China



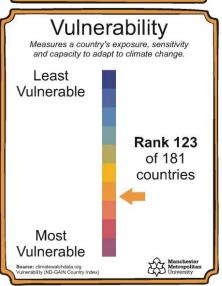
Brazil

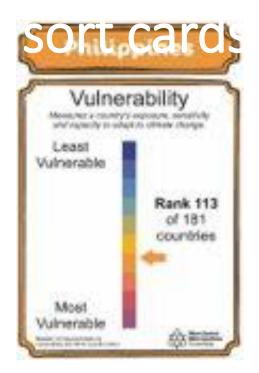


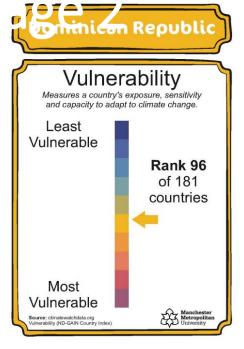
Estonia

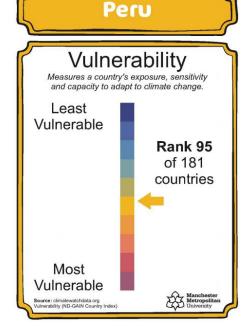












# USA

