

Dirty (Carbon) Air

Section 1

What is happening

Carbon Emissions Effect



- Altered weather patterns
- Smog
- Shrinks Water Supplies
- Increases Incidents of Severe Weather
- Changes in Food Supply
- Geographical changes
- Damaged Atmosphere
- Causes harm to human health



Smog

Smog



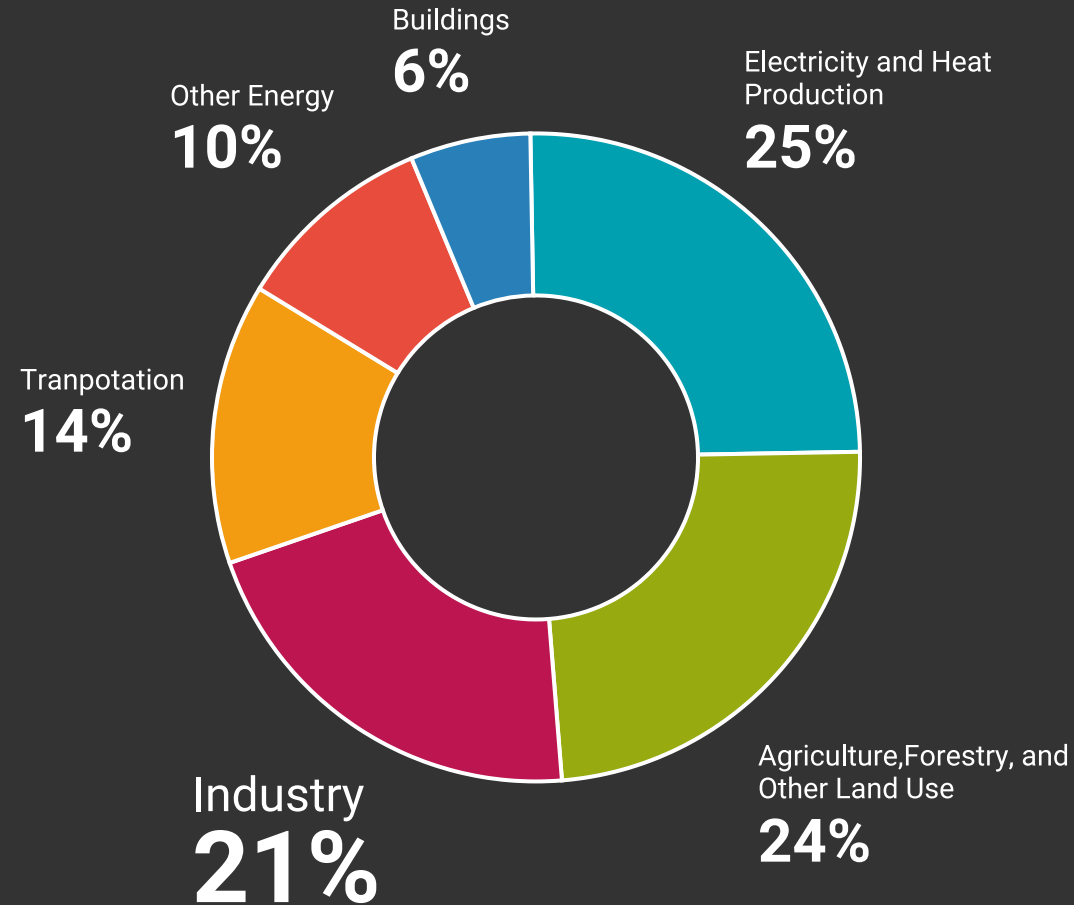
Altered weather Patterns



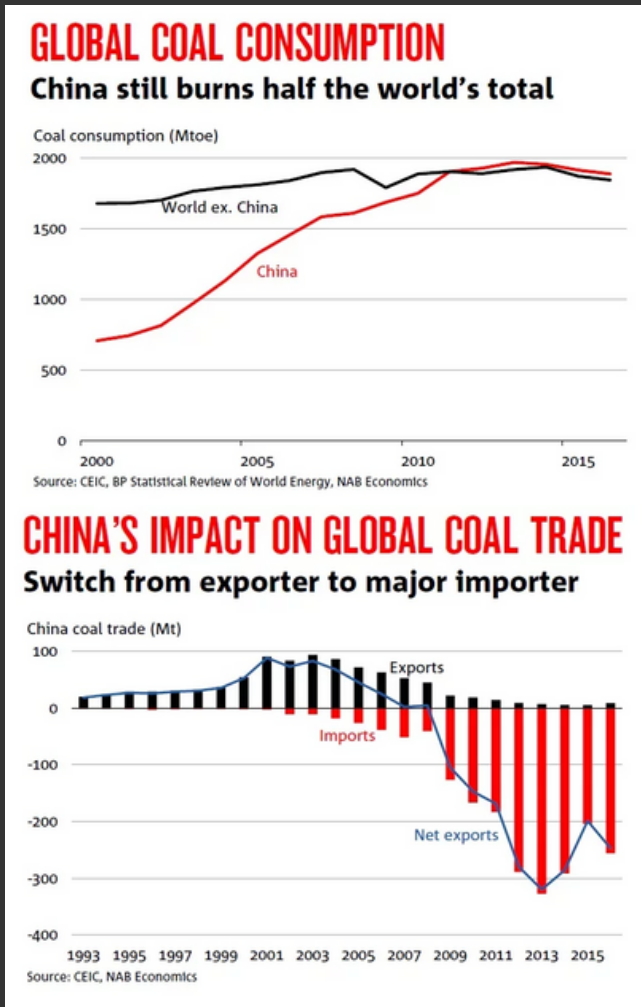
Section 2

Why is this happening

Global Emissions by Economic Sector



Reasons



- **Population**

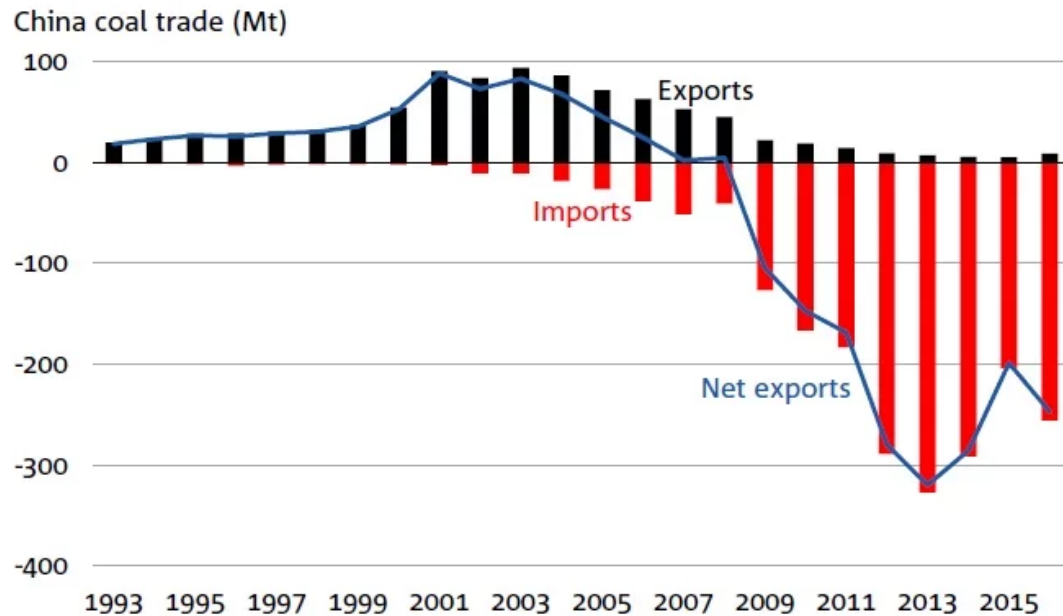
It is necessary that a country should be able to use the resources that are provided within their political border (exception of trade) in order to maintain their nation and support their population.

- **Industry**

With the recent application of the internet, countries with a large population would use the market that provides in order to support its economy.

CHINA'S IMPACT ON GLOBAL COAL TRADE

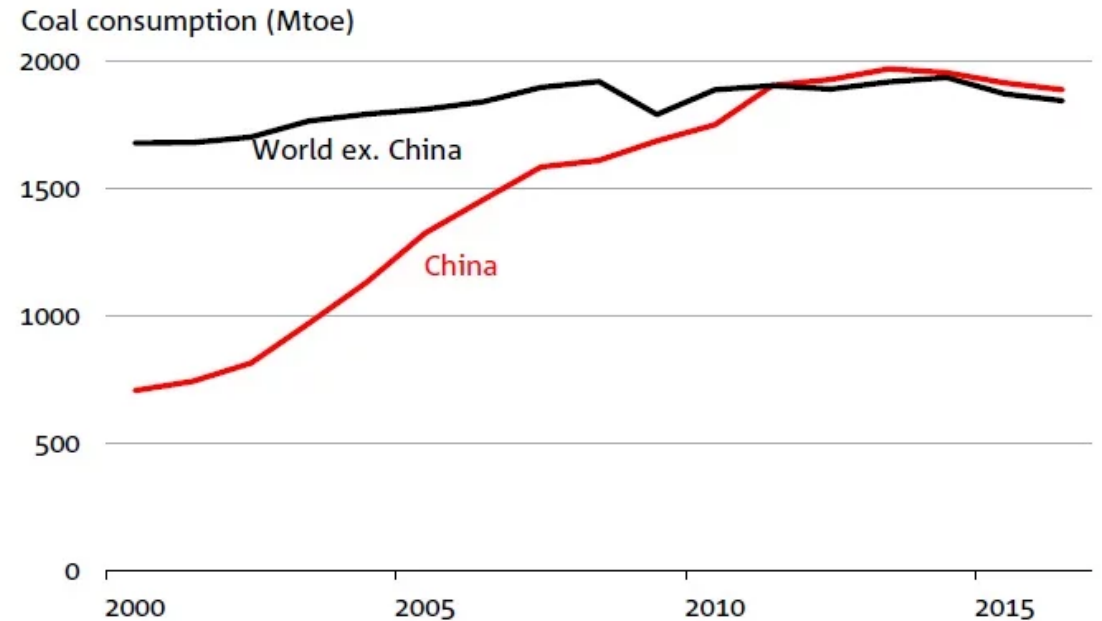
Switch from exporter to major importer



Source: CEIC, NAB Economics

GLOBAL COAL CONSUMPTION

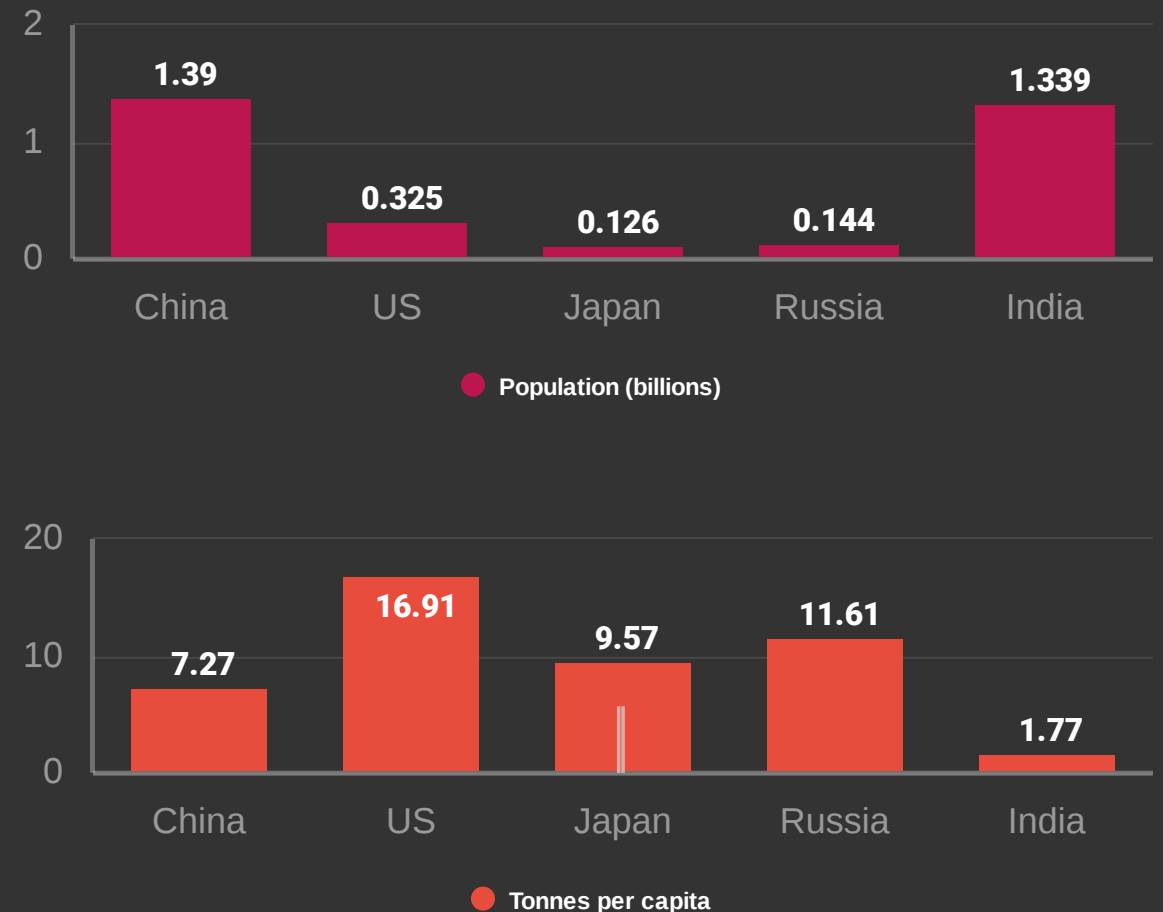
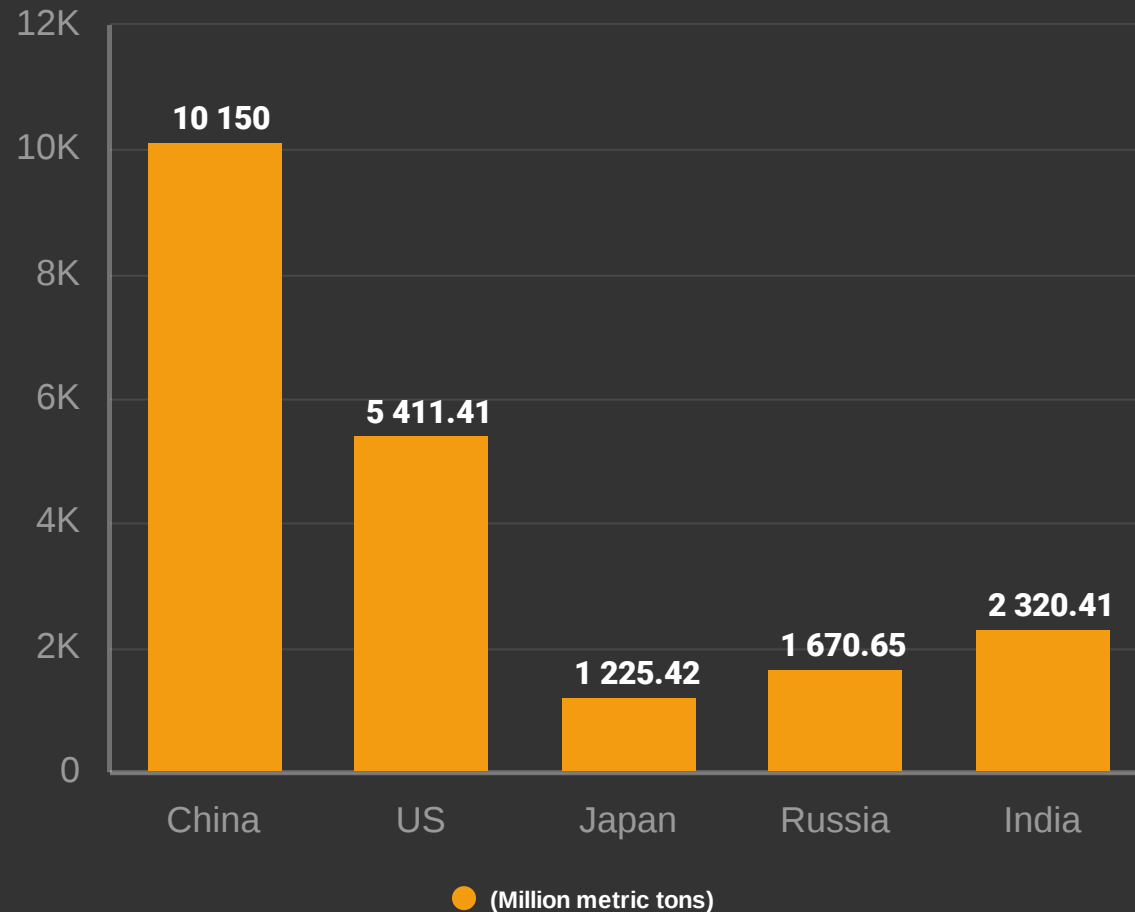
China still burns half the world's total

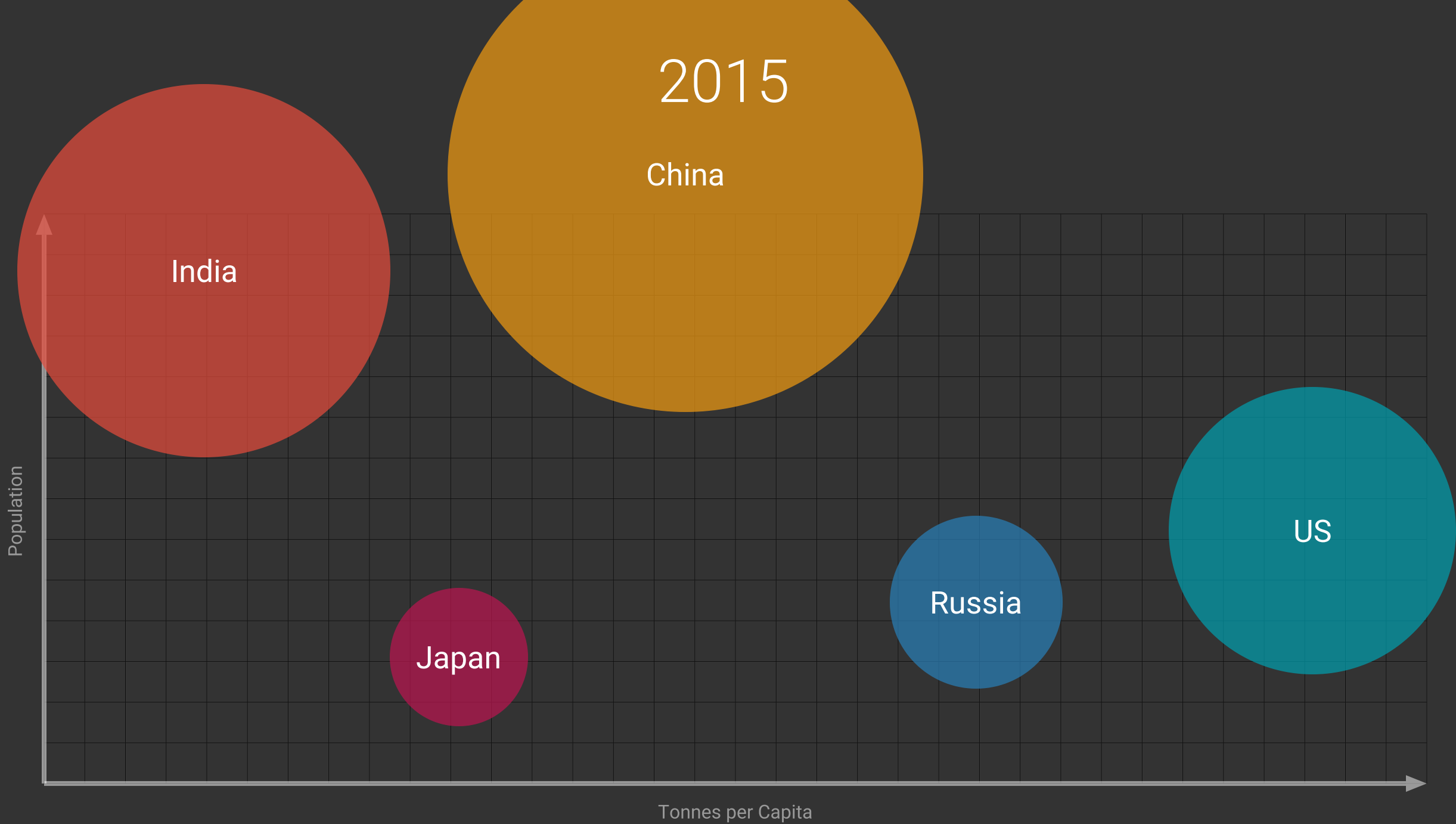


Source: CEIC, BP Statistical Review of World Energy, NAB Economics

The focus is on China since they are the largest exporter and the largest consumer of coal in the world.

Total Emission vs Emission per capita vs Population





Section 3

What could be done

What can you do to help?



Donate

Donate money to any organization that focuses on environmentalism



Volunteer

Volunteer at an organization to reduce the effects of climate change.



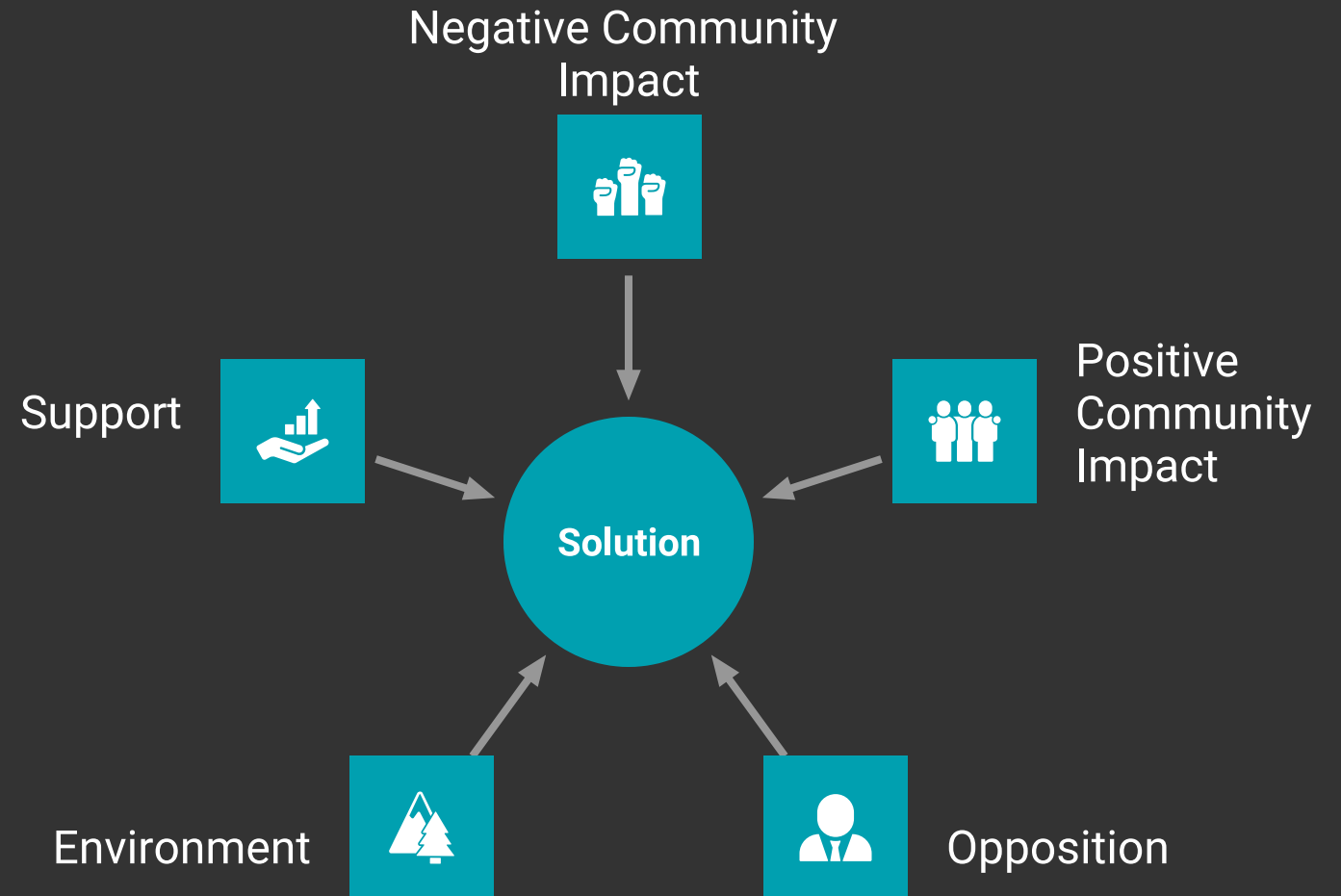
Become the solution

Develop a solution that appeals to all parties





Everything around the answer



Hazard, Kentucky Mine Closure

Environmental

- A cleaner environment around Hazard, Kentucky

Positive-Community

- Residents get new opportunities through job initiative programs
- Miners can no longer get black lung from working

Negative Community

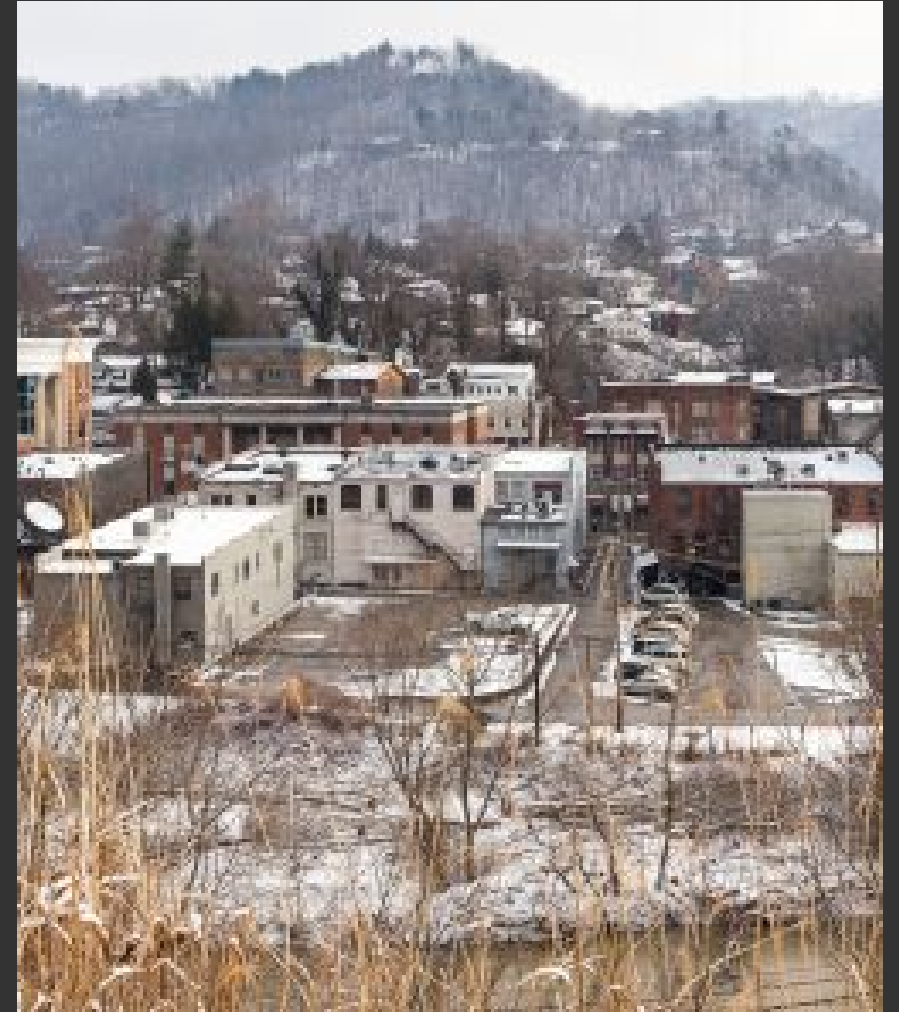
- Workers becoming jobless due to the coal mine's closure

Support

- The Obama administration
- Local Environmentalist

Opposition

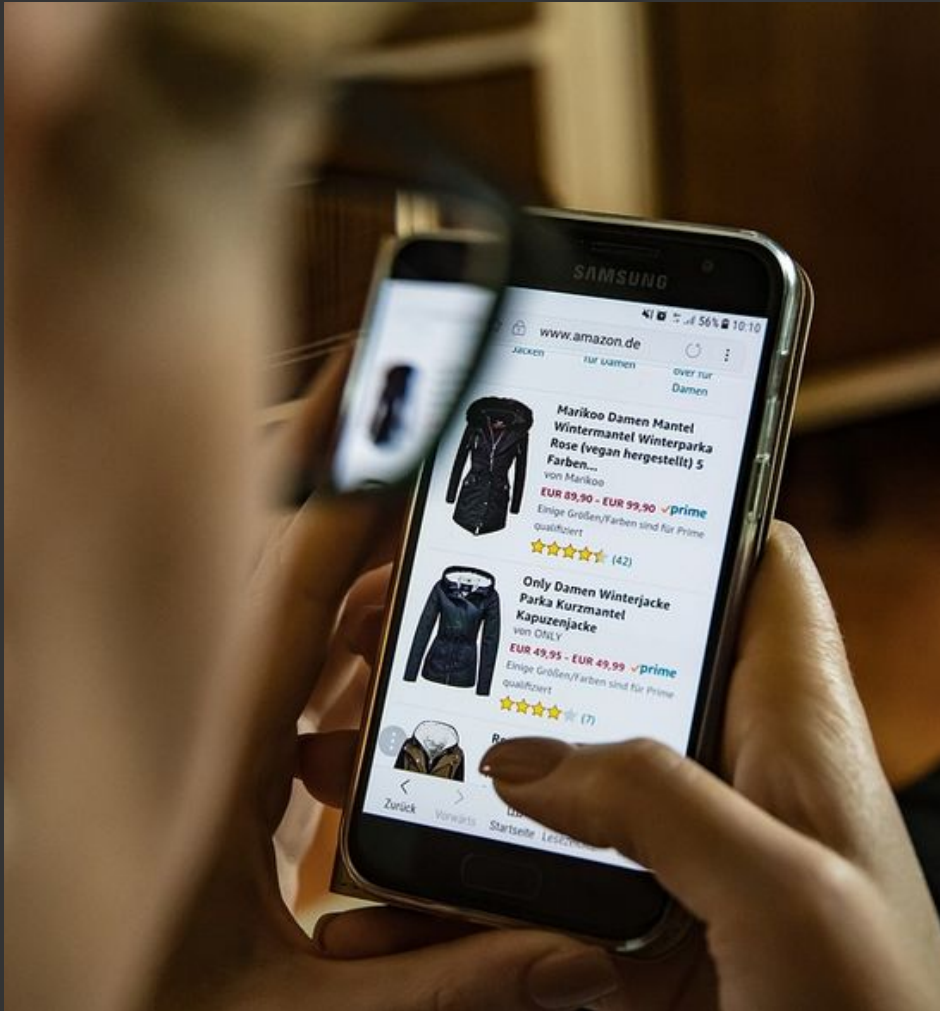
- The coal industry that has been present in the town for centuries trying to survive.



Section 4

Why should we care

Are we included?



- Since industry takes up at least 21% percent of the global emmissions consumerism can contibutes to a large number to that percent.
- The consumer's concept of when broken throw it away and buy a new one results in a higher demand. Therefore higher strain in resources.
- This also produces more e-waste than fixing the product.

Death & Disease from Global Air Pollution

29%



lung cancer

43%



chronic obstructive pulmonary disease

The Causes and Effects

A word cloud of terms related to climate change and health. The words are arranged in a roughly rectangular shape, with the largest words being 'GREENHOUSE-GASES', 'SICKNESS', 'POLLUTION', 'CANCER', 'ILLNESS', 'CARBON', and 'EMISSIONS'. Other words include 'TRANSPORTATION', 'PETROLEUM-PRODUCTION', 'POWER-GENERATION', 'COAL', 'INDUSTRIAL-SOURCES', 'NATURAL-GAS', 'INDUSTRY', 'OIL', 'CORPORATIONS', 'SMOGE', and 'CHEMICAL-PRODUCTION,'.

GREENHOUSE-GASES
SICKNESS
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INDUSTRY
OIL
CORPORATIONS
SMOGE
CARBON
ILLNESS
CHEMICAL-PRODUCTION,
EMISSIONS

Remember
Not Yours
Not Mine
Its Our Earth

