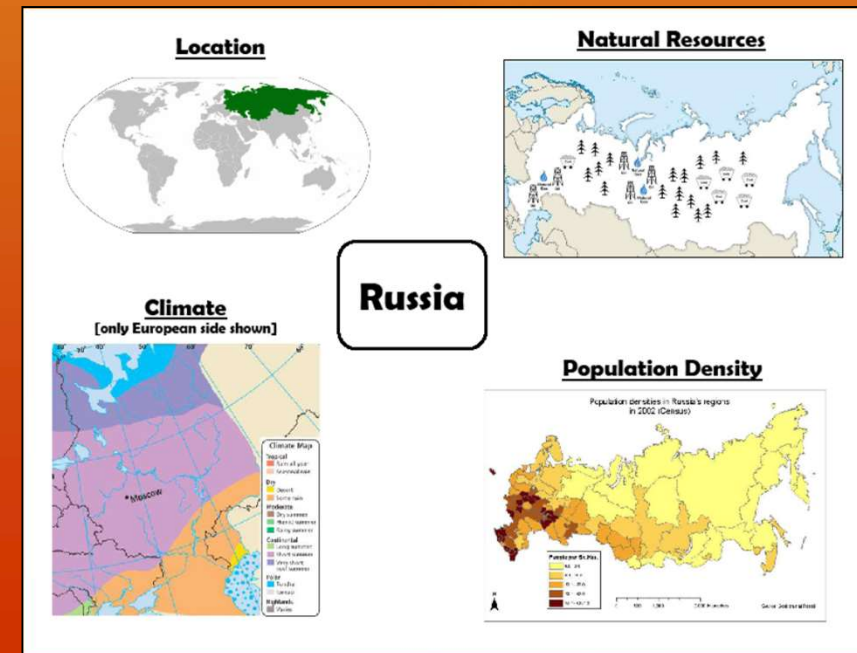
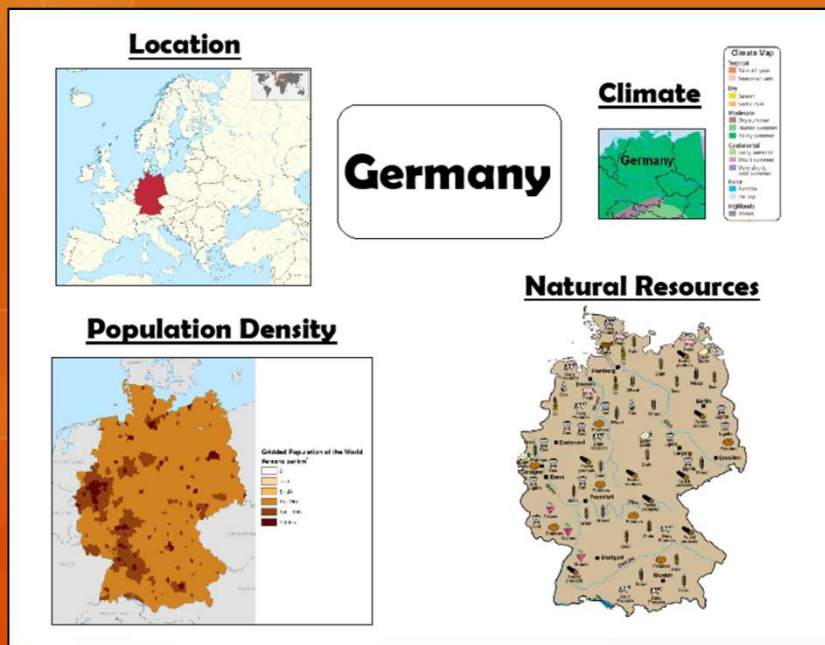
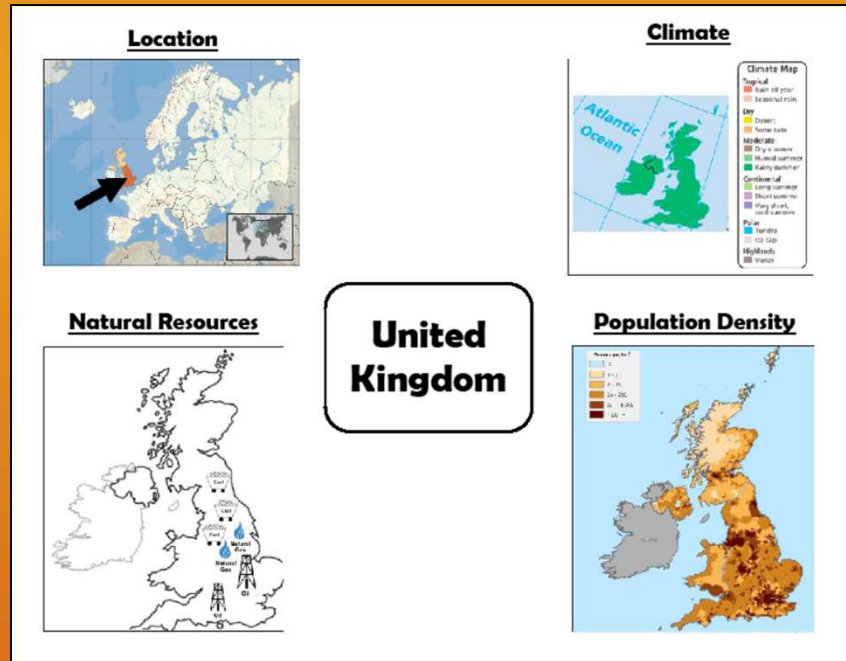


Comparing European Nations

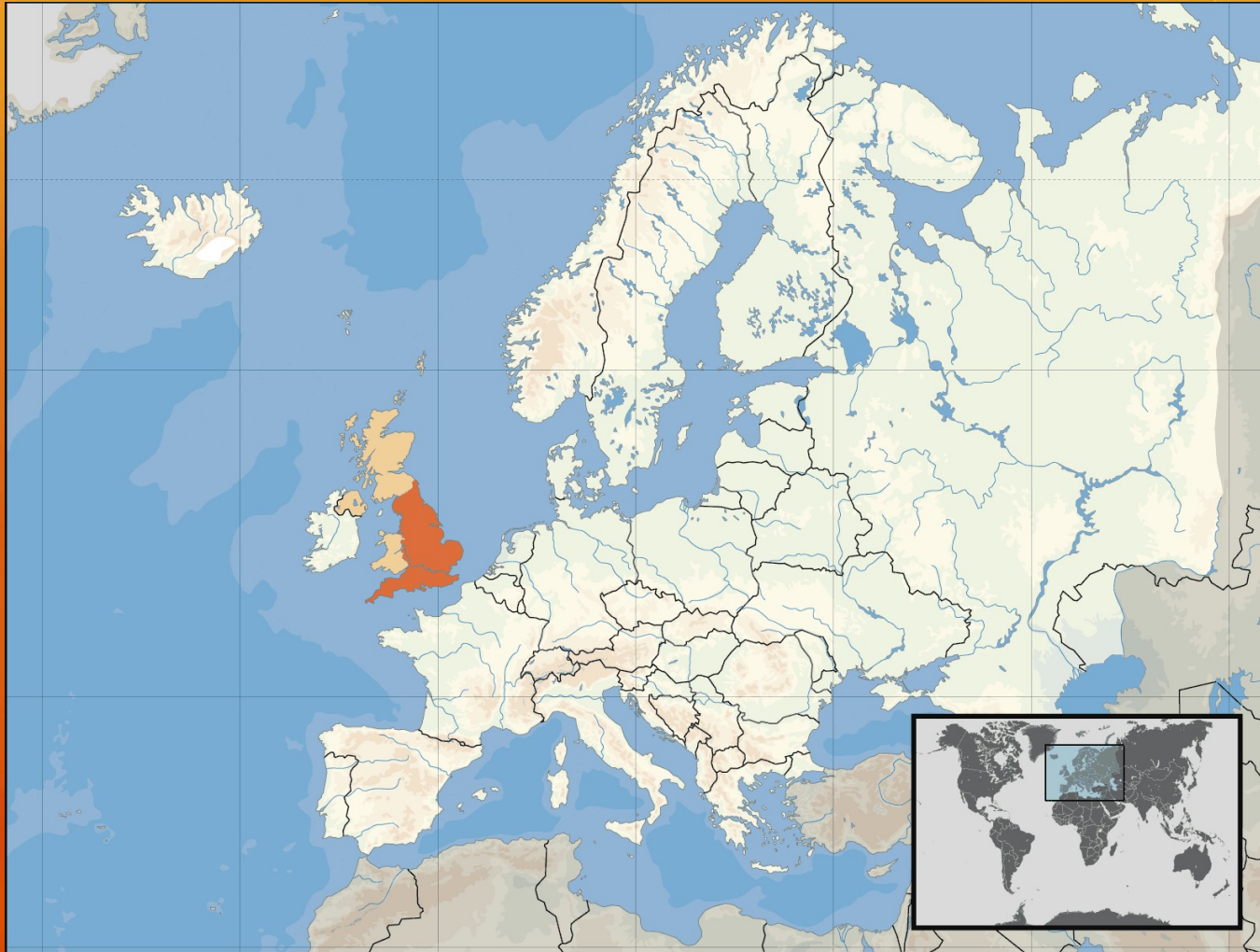
SS6G9 Explain the impact of location, climate, natural resources, and population distribution on Europe.

- a. Compare how the location, climate, and natural resources of Germany, the United Kingdom and Russia impact trade and affect where people live.

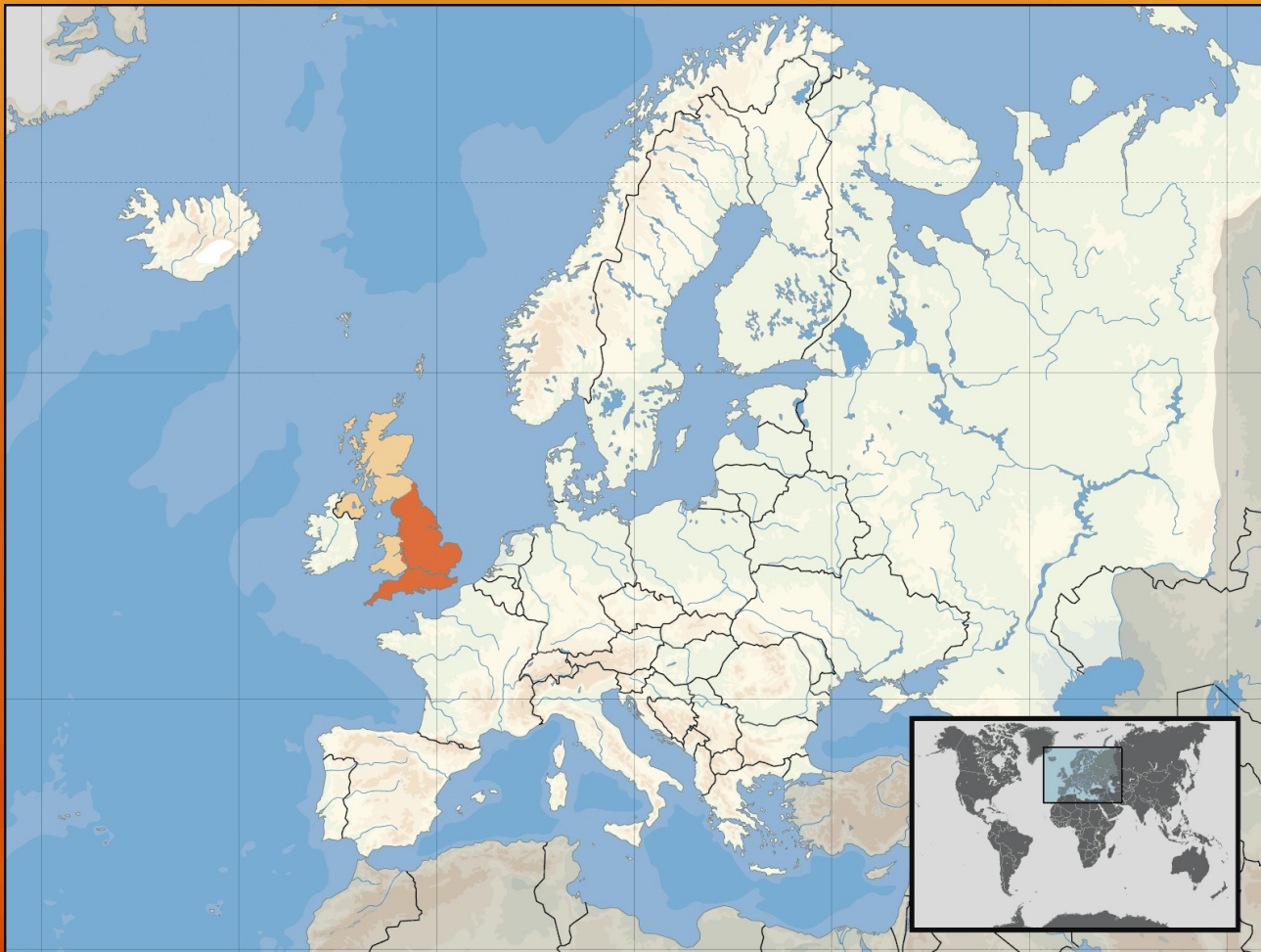


United Kingdom

Great Britain (England, Scotland, and Wales)
and Northern Ireland

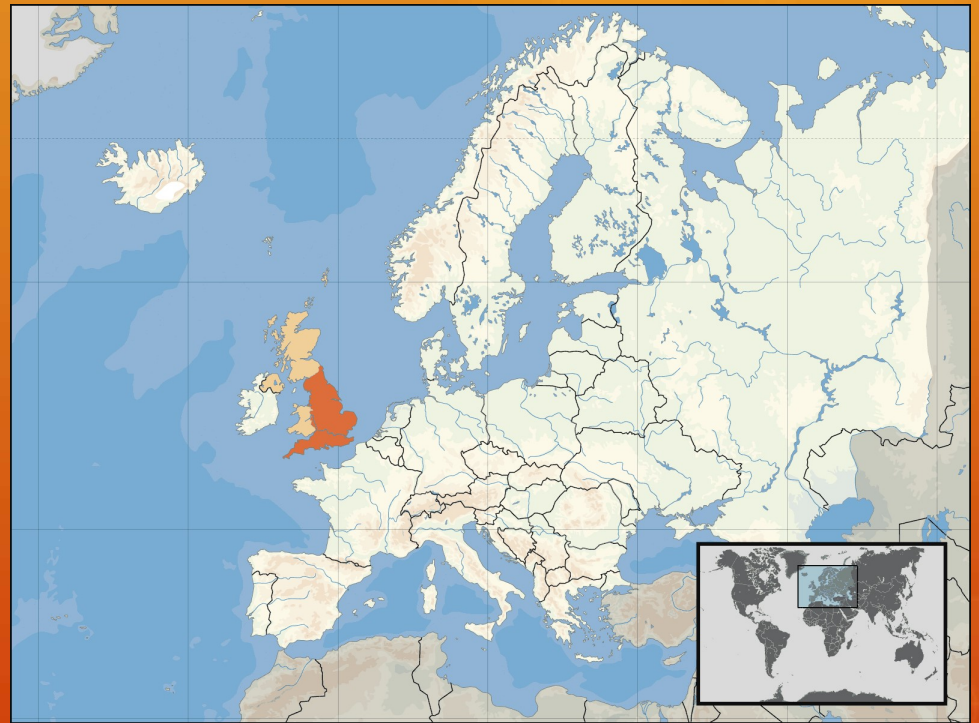


What are the advantages and disadvantages of the United Kingdom's location?



United Kingdom's Location

- The United Kingdom is surrounded by water which impacts the way in which it trades with other countries. How?
- The United Kingdom's location is a major influence on its climate [this will be discussed more in-depth]
- The primary type of military used is also influenced by the United Kingdom's location. Why?



Location and Climate



Has anyone traveled far up North? What was the weather like? What do you know about the climate of Canada?

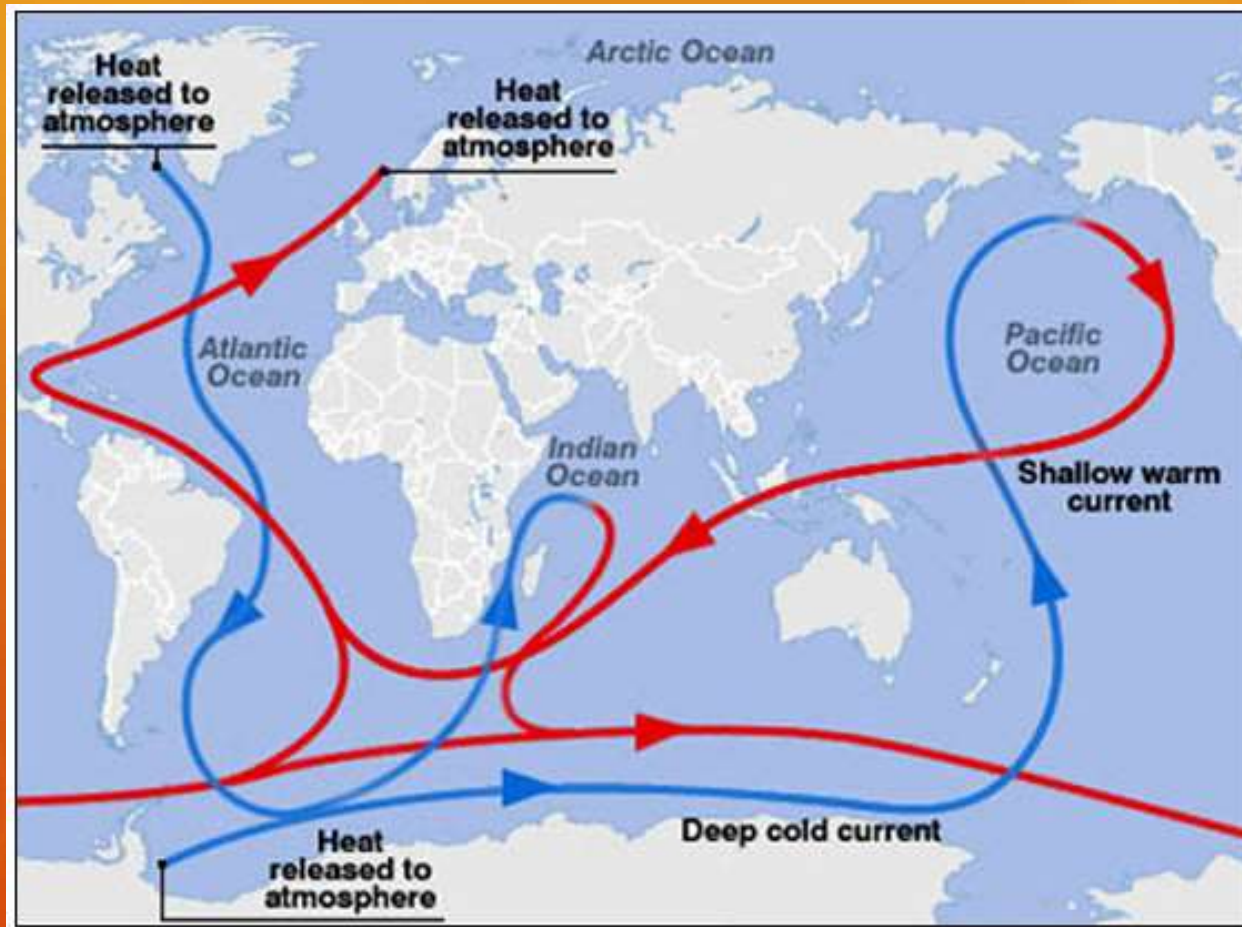
Actually, the climate of the United Kingdom and many other European countries is Moderate.

What does that mean?

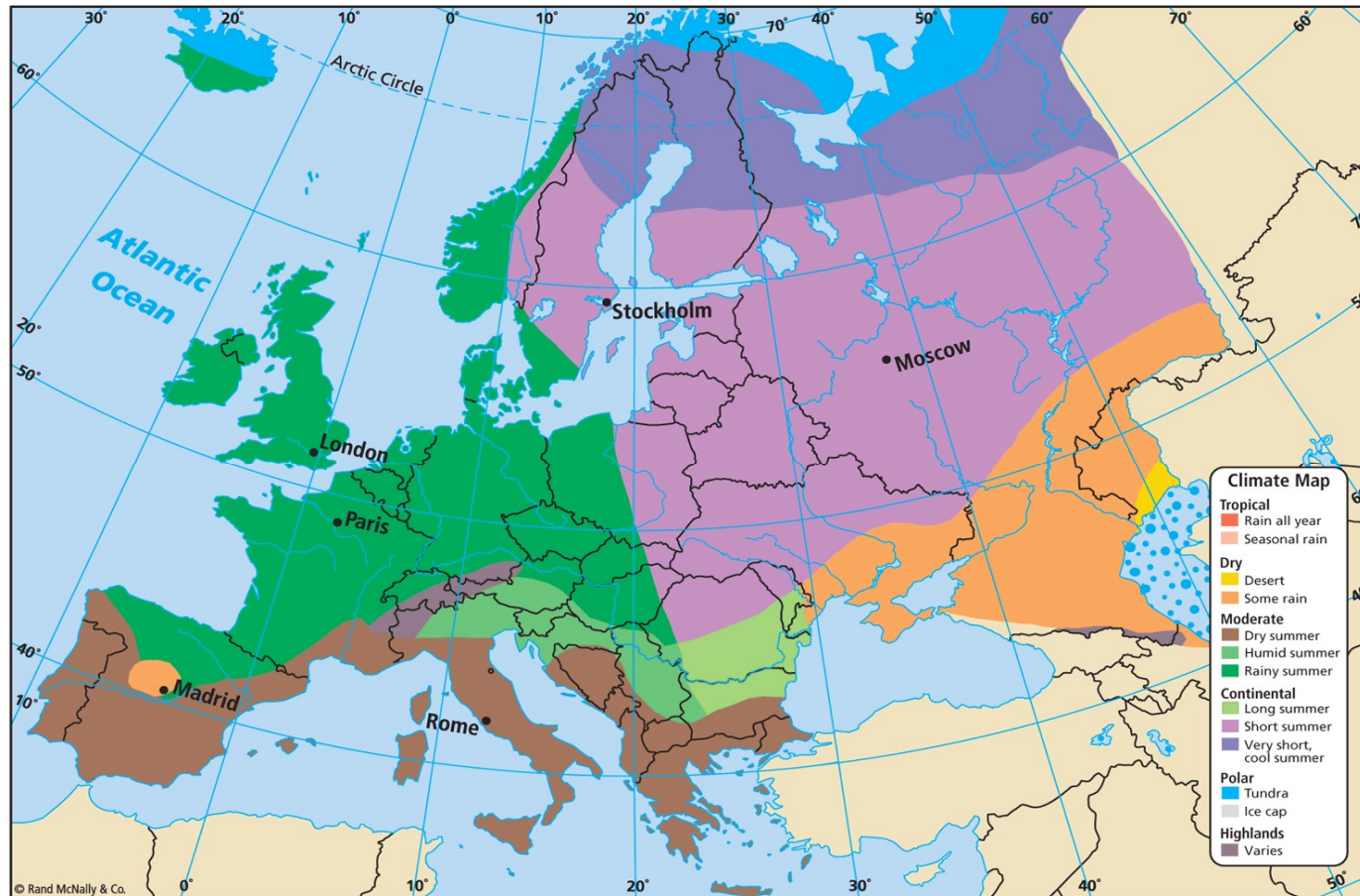
Synonyms for Moderate: fair, mild, medium, temperate

If the United Kingdom is on a similar latitude as Canada, how is its climate moderate?

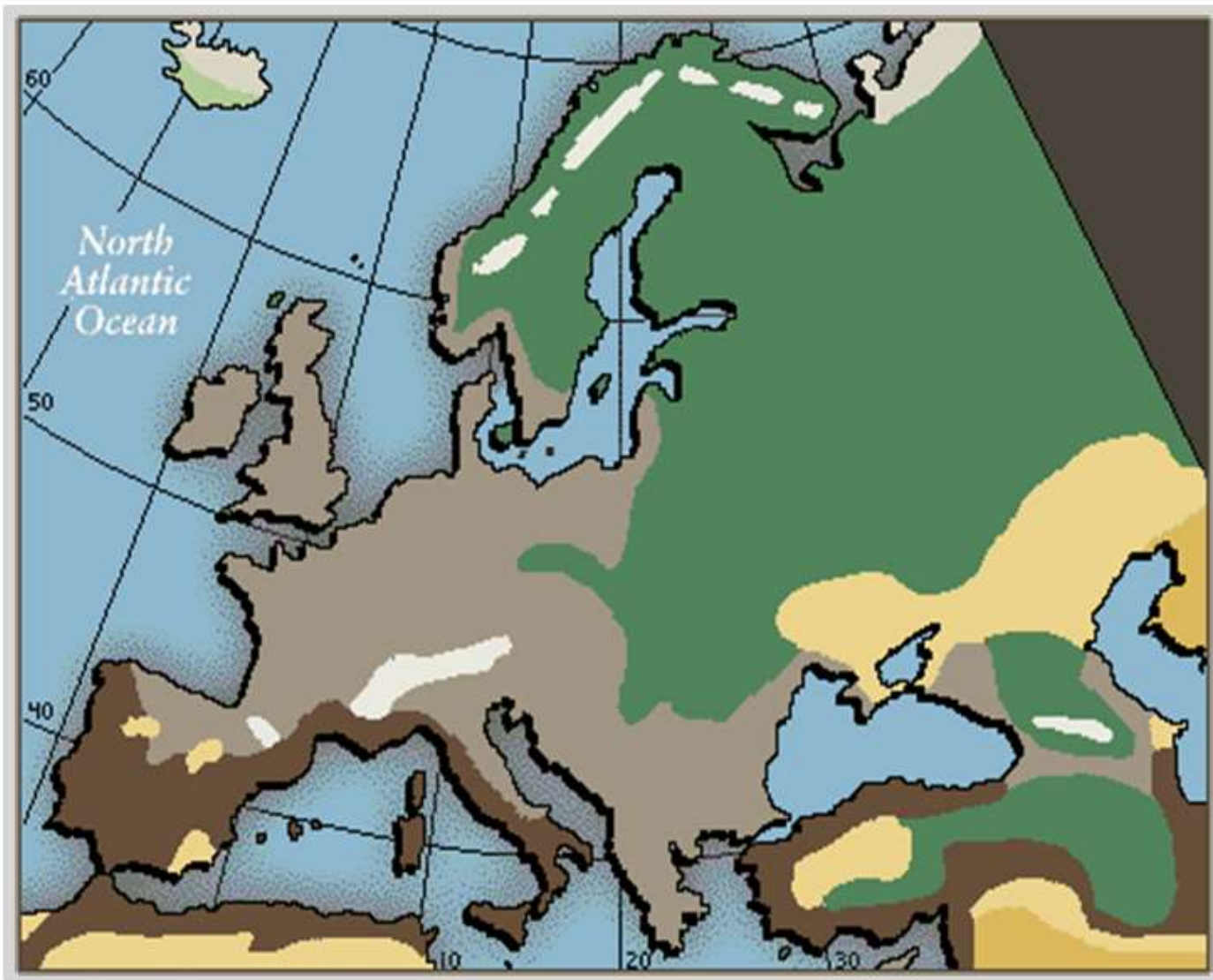
Gulf Stream's affect on Climate



<http://www.pbslearningmedia.org/resource/ttv10.sci.ess.watcyc.currents/the-role-of-ocean-currents-in-climate/>



The United Kingdom's climate has mild temperatures, and it has moist weather with plenty of rain is good for crops.



HOT & HUMID
(Rain Forest & Savanna)

- No Dry Season
- Short Dry Season
- Dry Winter

MILD & HUMID
(Mixed Forest & Grassland)

- No Dry Season
- Drier Winter
- Drier Summer

COLD & HUMID
(Needle-Leaf & Mixed Forest)

- No Dry Season
- Drier Winter

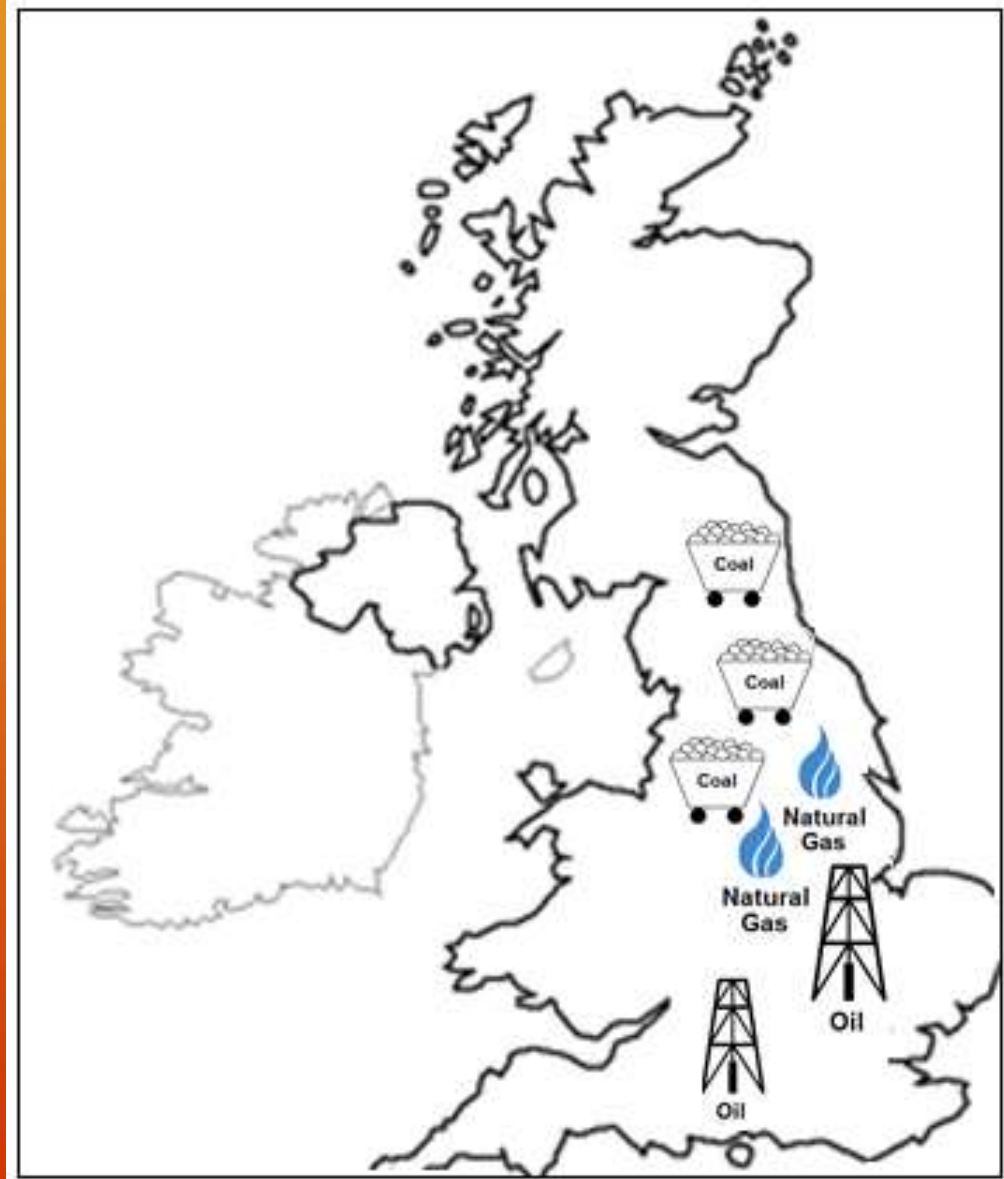
DRY
(Steppe & Desert)

- Semi-Arid
- Arid

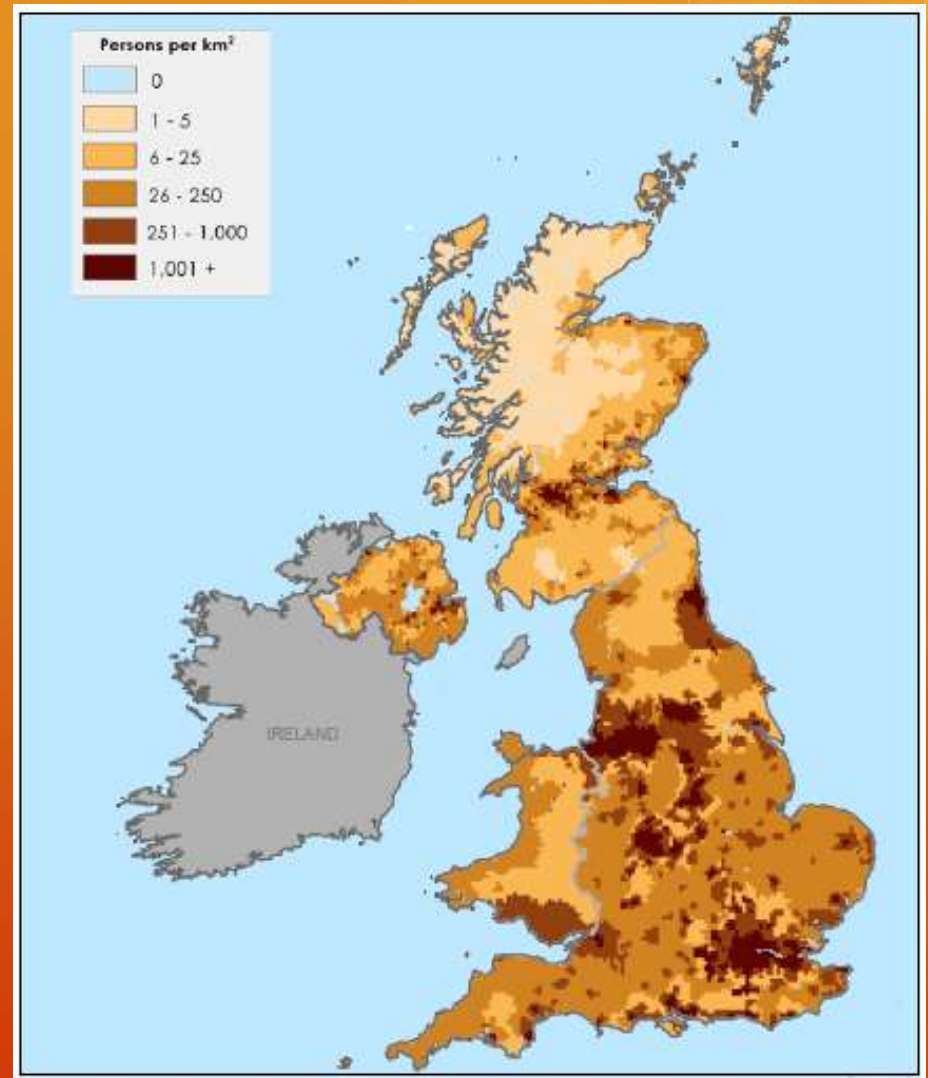
POLAR & ALPINE
(Tundra & Icecaps)

- Peaks & Permafrost
- Some Growth

Natural Resources of the United Kingdom

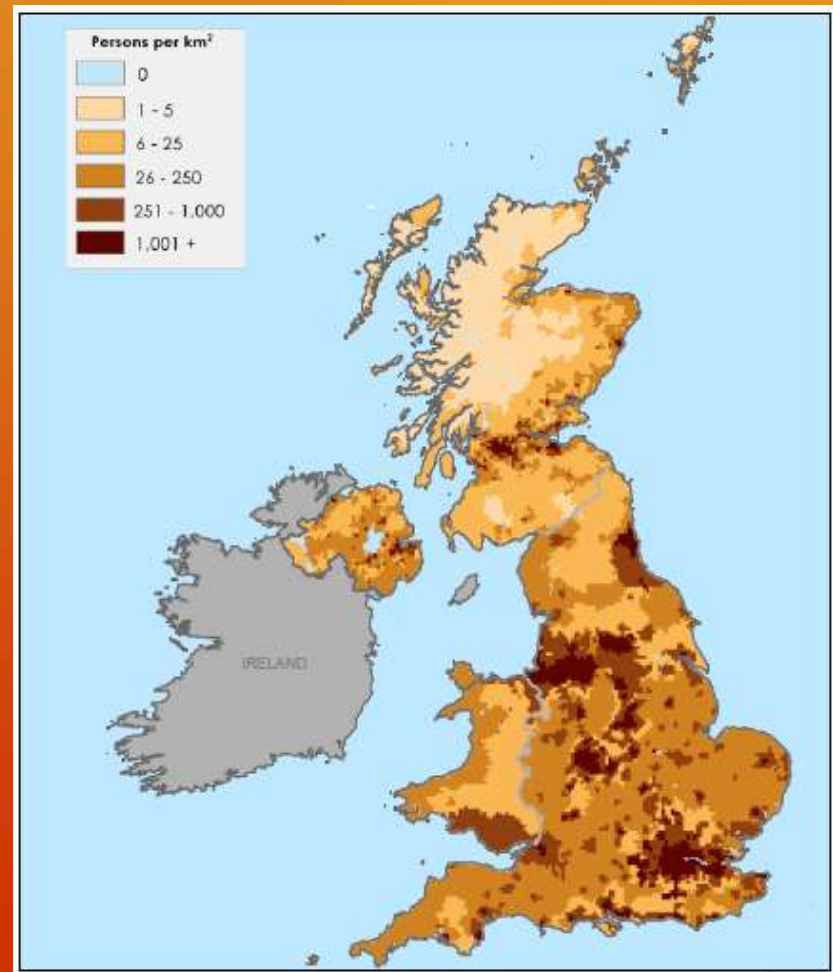


Where do people live in the United Kingdom?



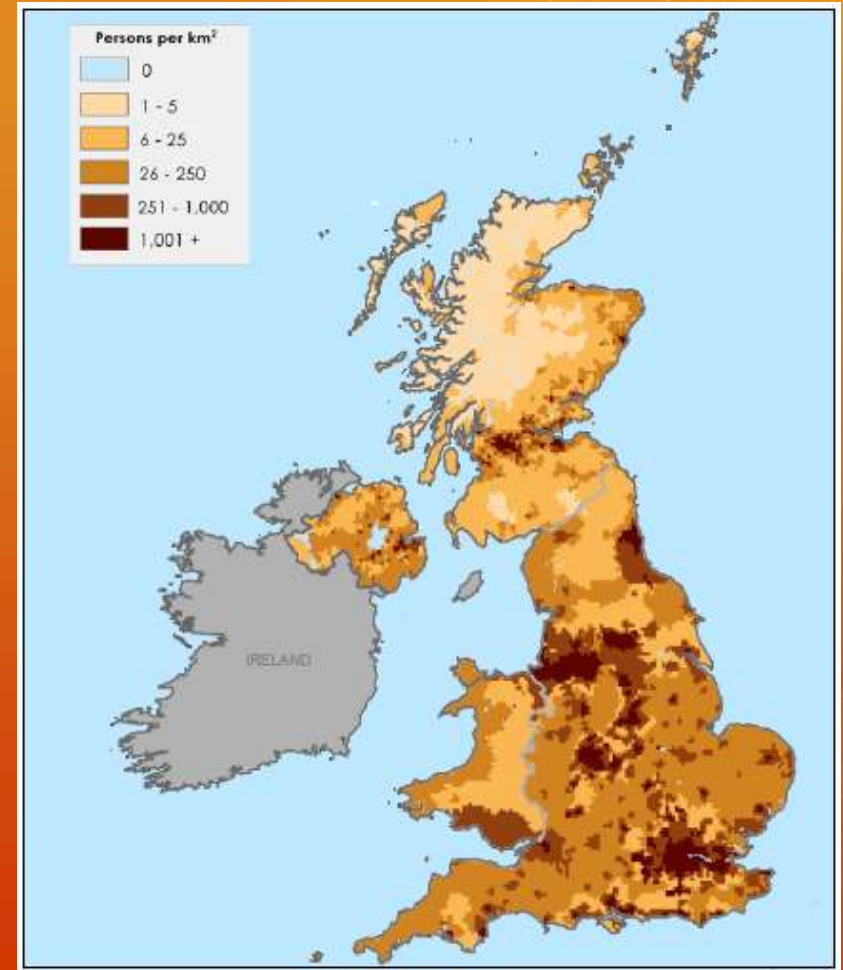
Compare the diagram showing the United Kingdom's major cities with the population density map. Where do most people live?

**Major Cities
in the
United
Kingdom**



People in the United Kingdom

- Most people live in urban (city) areas
- There are some areas of farming, but Great Britain has to import one-third of its food.
- Great Britain's capital, London, is a world center for trade and banking
- Great Britain also has manufacturing industries such as iron and steel and electronics that affect where people live.



Russia



What are the advantages and disadvantages of Russia's location?

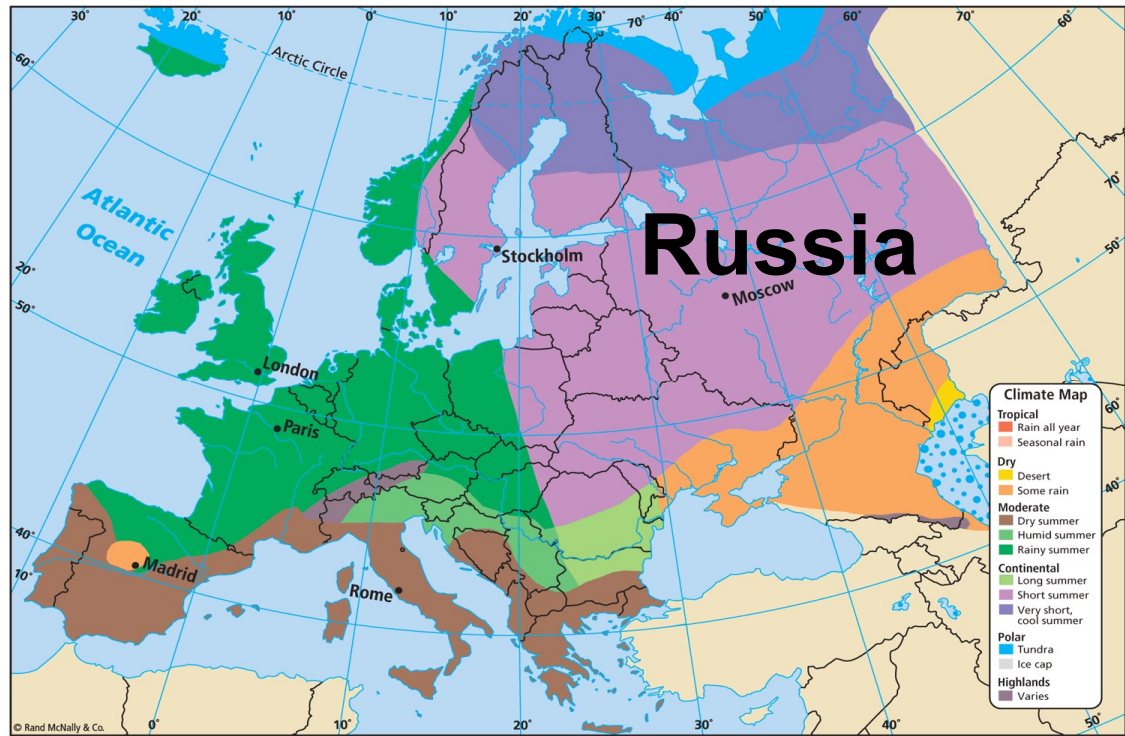


Russia's Location

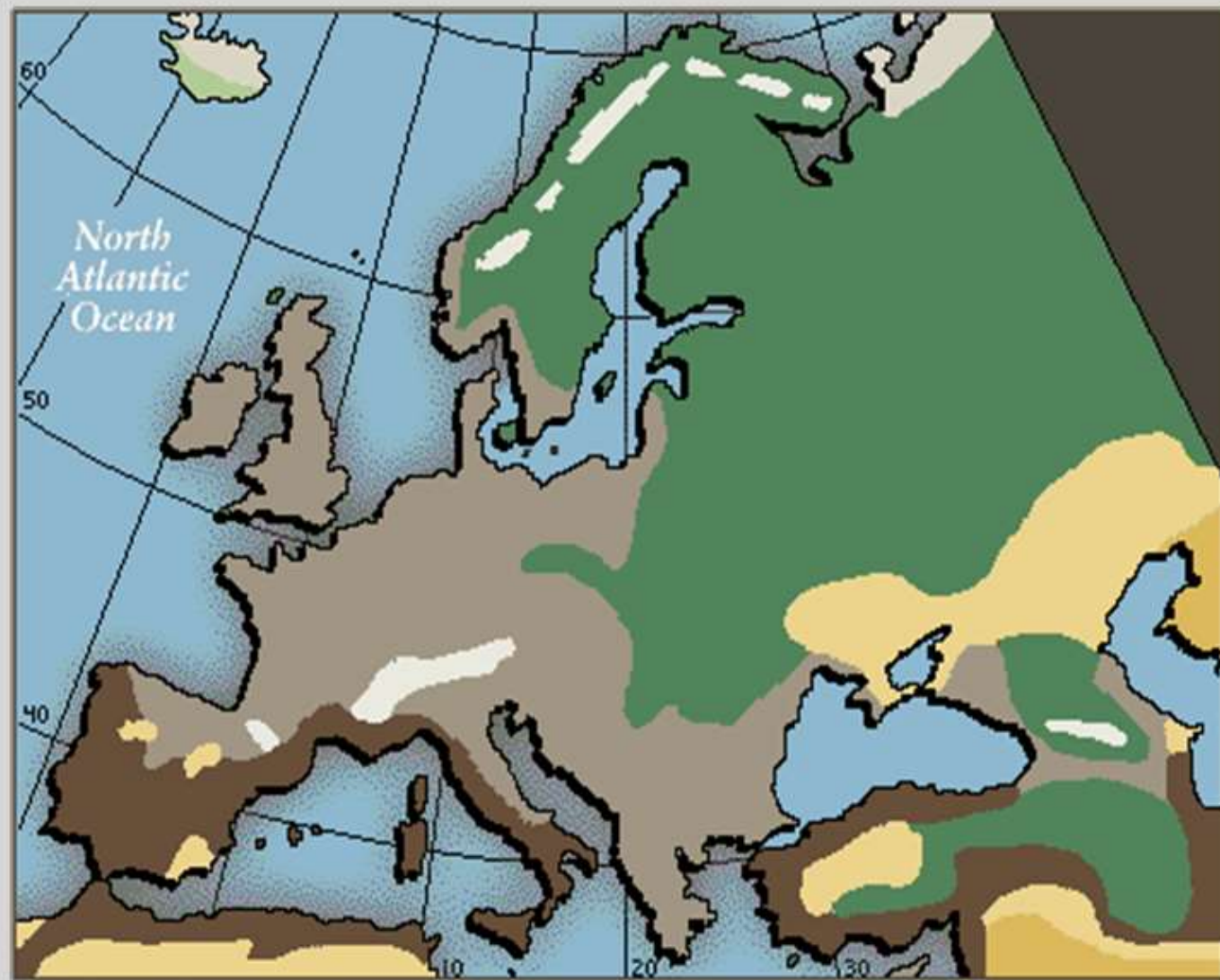
- The Gulf Stream does not affect Russia; therefore, due to its location, Russia's climate is severe in many areas.
- In some areas it is so cold that the soil is permanently frozen which hinders farming and economic development.
- Russia is unfavorably located in relation to major sea lanes of the world which further inhibits trade.



Russia's Climate






- Russia's climate is very cold because it is located near the Arctic Ocean.
- Russia does not get a lot of rainfall.
- Only about 10% of Russia's total land is suitable for agriculture.





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(Steppe & Desert)

-  Semi-Arid
-  Arid

POLAR & ALPINE
(Tundra & Icecaps)

-  Peaks & Permafrost
-  Some Growth

Russia's Climate



Permafrost is a thick layer of soil that remains frozen. The map above shows the extent of permafrost in Russia.

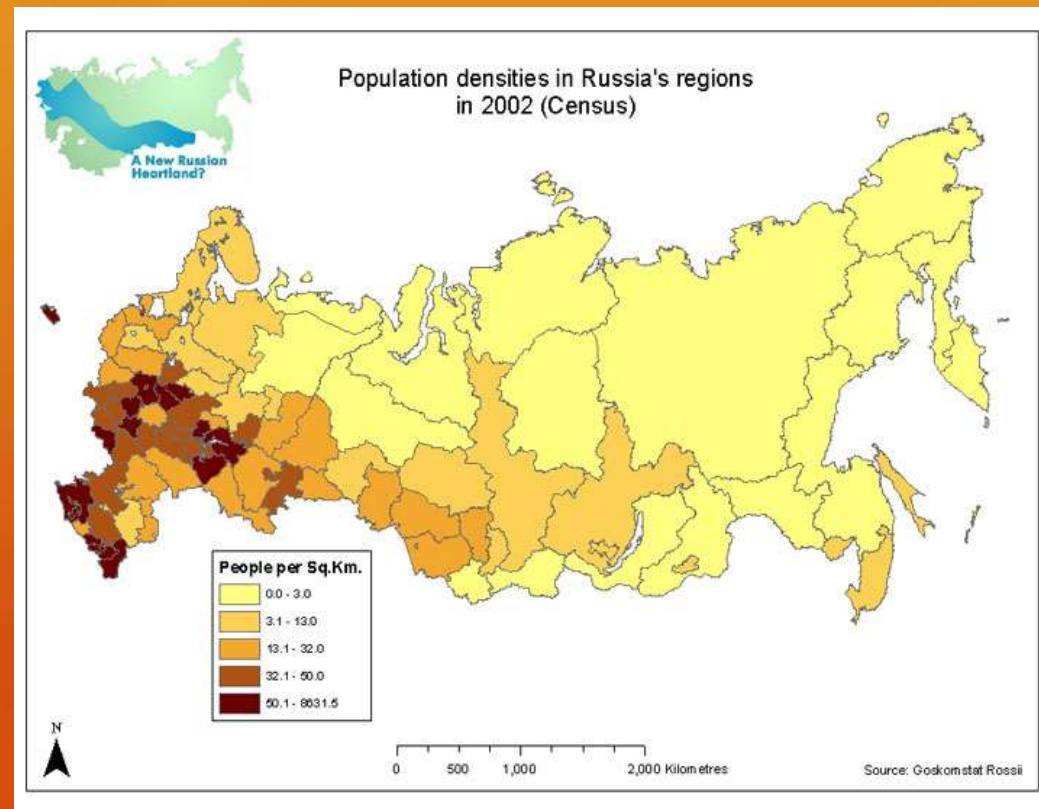
Russia's Natural Resources



The Challenges of Russia's Natural Resources

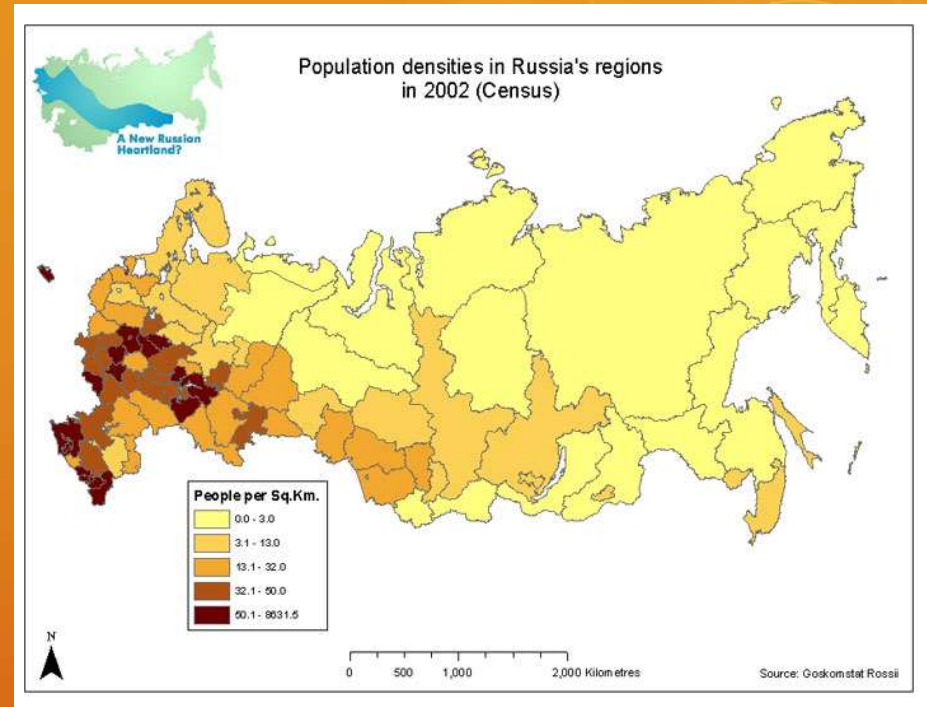
- Russia is rich in mineral resources, with huge deposits of coal, oil, and natural gas, as well as massive forests. So, what's the problem?
- It is difficult and expensive to harvest and transport these resources because of the harsh climate and remote locations.
- The lack of access to natural resources due to climate, terrain, and distance hinders trade.
- Russia's mining, manufacturing, and fishing industries are fueled by the country's natural resources.
- Many goods are transported by railroad because rivers and major ports are blocked by ice in the winter.

Where do most people live in Russia?



Why?

Where do most people live in Russia? Why?



- Most citizens live in western Russia on the European Plain
- Russia's major cities, farms, grazing land for livestock, and the country's warmest temperatures are located in western Russia.

Germany



What are the advantages of Germany's location?

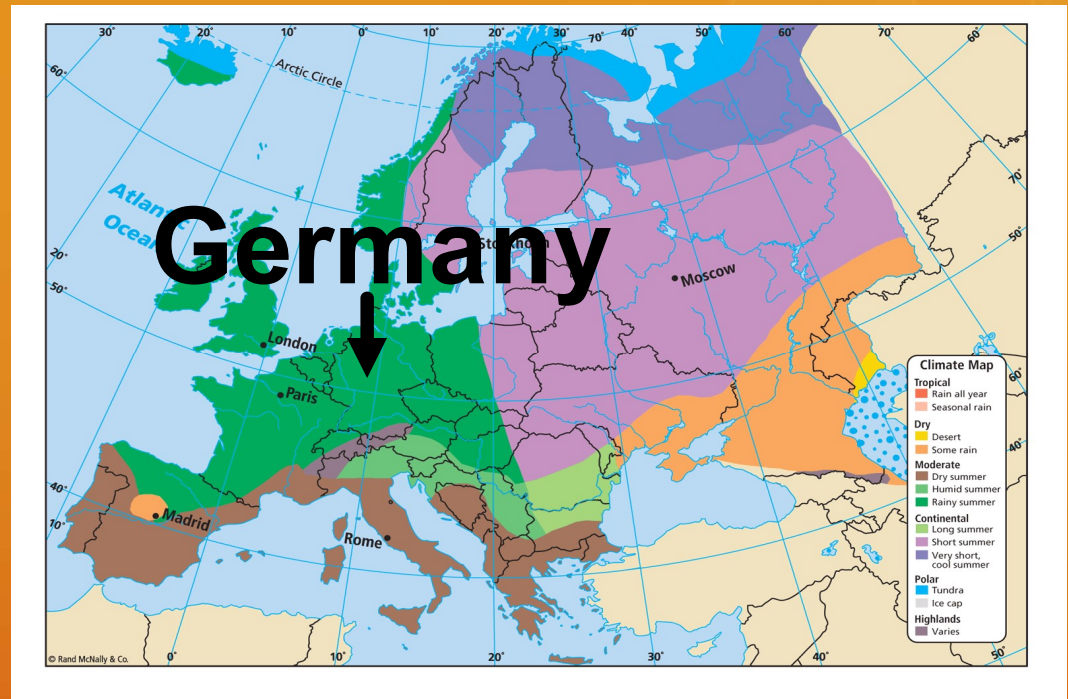


Germany's Location

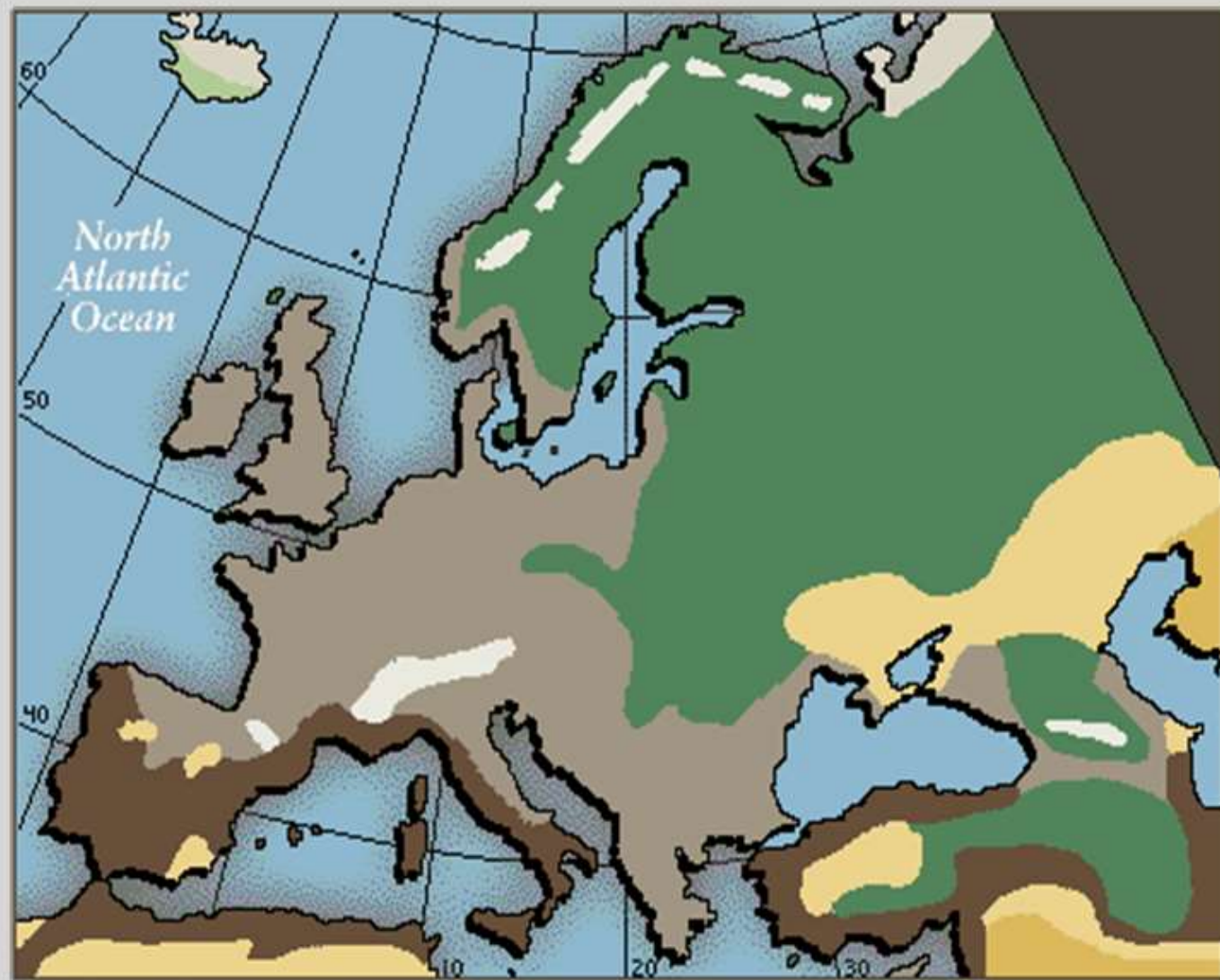
- Due to Germany's location, its climate is moderate
- Germany is in central Europe, so it can trade easily with other European countries.
- Germany's location is favorable for producing many crops
- The Rhine River allows Germany to transport goods to the North Sea and the Atlantic Ocean





Germany's Climate






- Germany's climate is moderate with warm, mild summers and cool winters.
- The climate is good for Germany's agriculture industry, which uses about half of Germany's land.





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The map to the right illustrates Germany's favorable climate for agriculture.



Look at the
map of
Germany
again.

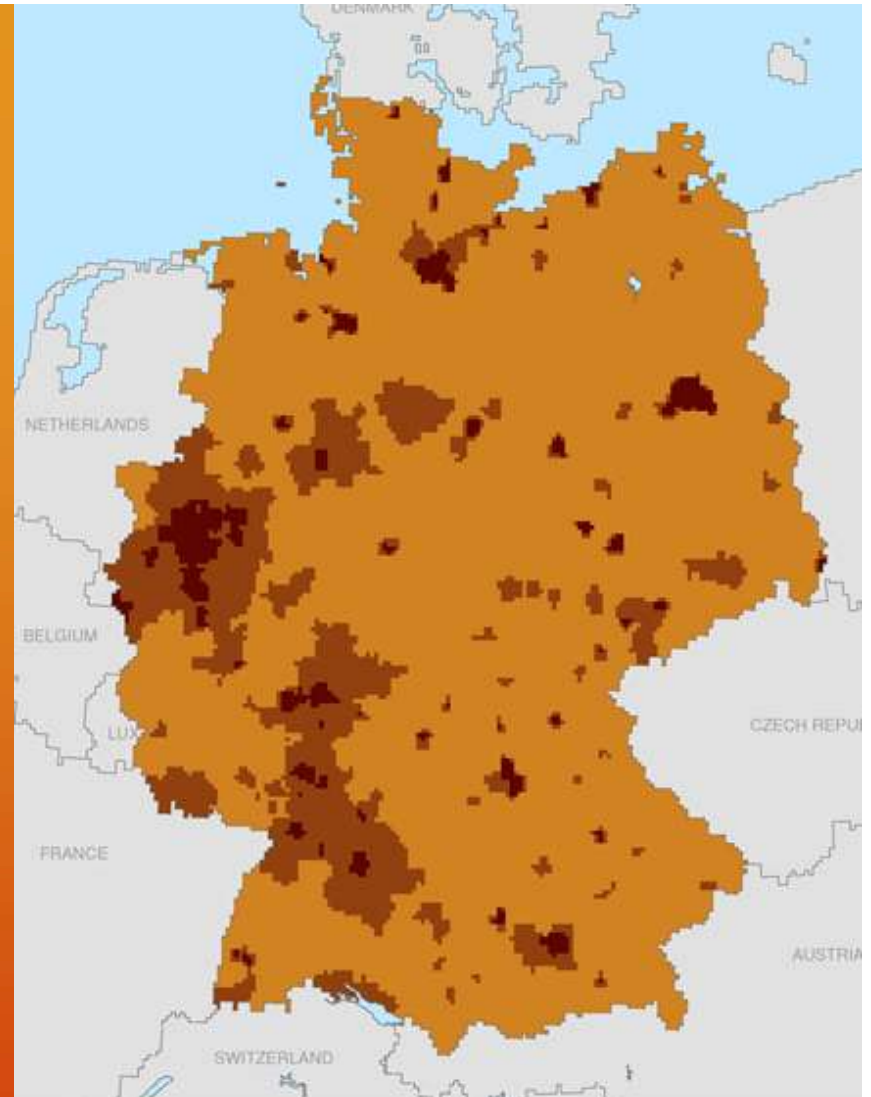
What
natural
resources
do you see?



Germany's Natural Resources

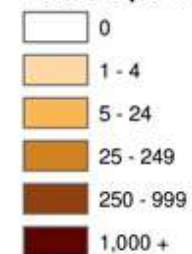
- Germany has enormous deposits of coal and iron ore that fuel a huge manufacturing industry known for steel production, automobiles, building materials, and many other items.
- These products are then transported to the Rhine River (Germany's major commercial waterway), and then on to the North Sea and the Atlantic Ocean for trade.

Where do most people live in Germany?

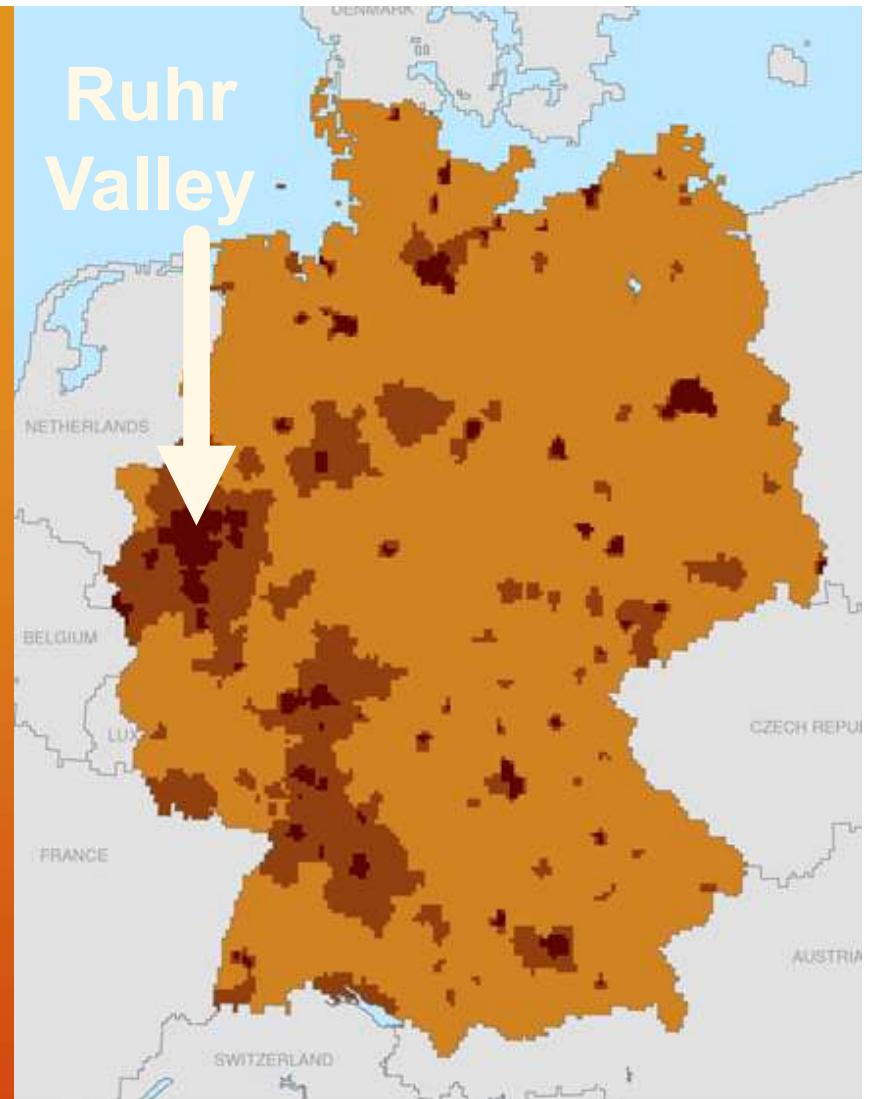


Gridded Population of the World

Persons per km²



- Most Germans live in western Germany
- The Ruhr Valley in western German is the most densely populated area in the country filled with factories, cities, and towns.



Gridded Population of the World

Persons per km²

