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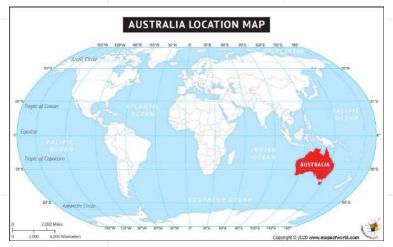
West Africa



Traffic

Nigerian overpopulation

- → Nigeria is a LEDC
- → 175M population in 2013
- Occupies 3% of the land of Africa and 15% of people
- → +60% of population living on less than \$1 a day Benefits:
- → Enough workforce
- → Enough army force Problems:
- → Shortage of food and water
- → Pollution
- → Not enough housing
- → Not enough schools and health care
- → High crime rates
- → Congested roads
- → High disease level
 - Reasons:
- → Vaccination
- → Better health care
- → No family planning



Southern hemisphere in Oceana



No buildings and people

Australia - underpopulation

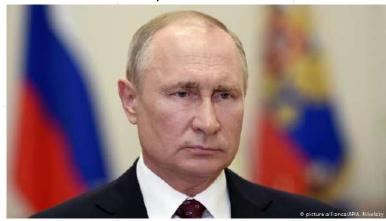


- 23.3M people in 2013
- → 7.7M km^2 area
- → 13th largest economy Benefits:
- → Not much pressure on jobs, health care and education
- → 5th highest per capita income
- → Less pollution
- → Enough water and food sources Problems:
- → Small workforce
- → More taxes
- → Ageing population
- → Not full use of resources
- → Can't get a big army
- → Lack of workforce Reasons:
- → Few people in large area





Eastern Europe and northern Asia



Vladimir Putin

Population decline in Russia

- → 143M people in 2013
- → Life expectancy 64
- → From 1944, death rate increased Benefits:
- → No lack of housing, healthcare and education
- → No lack of food and water source
- → Less pollution Problems:
- → Less birth rate
- → Many old people will be left alone Reasons:
- → Few people in large area
- → Alcohol related deaths
- → HIV and AIDS
- → Women are educated Solutions:
- → 1500 roubles for child support
- → 250000 roubles for women who choose to have a second baby



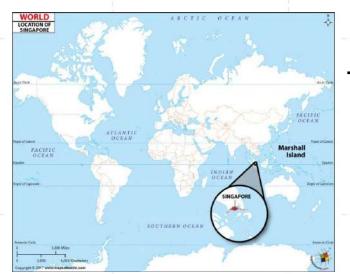
Land locked country in west Africa



High birth rate

Niger - population growth

- → 17M people in 2013
- → Expected to reach 56M in 2050
- → Growth rate = 3.4%
- → Life expectancy = 54.3 Benefits:
- → Enough workforce
- → Enough army Problems:
- → Shortage of food and water
- → | Pollution
- → Not enough housing
- → Not enough schools and health care
- → High crime rates
- → Congested roads
- → High disease level
 - Reasons:
- → (death rate falling) Vaccination, clear water, better living condition
- → No family planning
- → Use children to make money



East Asia - China



South east Asia - Singapore

Population policies - China, Singapore



- ◆ 1.4B people in 2018
- 1979 'one family, one child policy
- ◆ Fertility rate reduced (5.8 to 1.7)
- ◆ Stopped in 2014
- Because of increasing number of old people and shrinking number of workforce

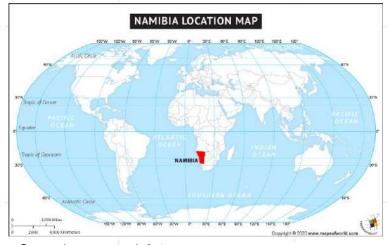
→ Singapore:

- Less space and housing
- Expensive land and living cost
- ♦ Stop at two campaign in 1960s
- Extra taxes for 3rd child
- No paid maternity leave for 3rd child
- Children per woman decreased to 6.4 to 1.2









South-west Africa



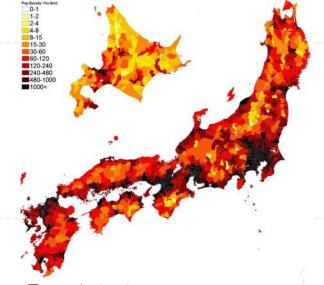
Landscape of Namibia

Namibia - Low population density



- → Gained independence in 1990
- → Capital city Windhoek
- → Population density 2.6/km^2
- → 2.5M in 2017
- → Economy depends on the extraction and processing of minerals such as diamond and uranium
 - Benefits:
- → Less pollution
- → No lack of housing and land Problems:
- → Lack of workforce
- → Dry climate can be infertile Reasons:
- → Hot & dry climate





East Asian country



Cross-road in Japan

High population density - Japan

- 350/km² density
- → 126M in 2019
- → Lots of people living near the coast
- → Few people live in the mountainous area
- → 4 main islands Benefits:
- → Less pollution
 - No lack of housing and land Problems:
- → Pressure on natural resources
- → Not enough housing
- → Pressure on services
 - → Expensive lands
 - Reasons:
- → Attracts tourists
- → Mountainous areas are cold orinfertile
- Coastal areas can be used for fishing, travel, transportation and domestic water supply



South-western Asia



Qatar

Qatar - international migration

- → Covers 11586 km^2
- → 2.5M people in 2015
- → Oil production started in 1935
- → Employed foreign migrants for constructing
- → Hot and dry climate
- → A lot of male workers (several times more than women)
- → Most migrants came from India in 2013 Benefits:
- → Migrants are workforce
- → High GDP Problems:
- → Oil extraction is not good for the environment
- → Economy depends on oil production
- → Too many foreigners
- → Globalization
- → Few women Reasons:
- → Second highest per capita in the world = \$92501

ITALY LOCATION MAR



Southern Europe



Old dependents

Italy - old dependents

- → More than 60M population in 2013
- → Density of 201/km^2 (high in Europe)
- → Death rate is higher than the birth rate
- → Many migrants
 Benefits:
- Migrants are workforce
- → High GDP Problems:
- Schools are not full
- → Old people need to be cared (money)
- → Few working force in future
- → 25% of women have no child
- Need to raise retirement age to 77 Reasons:
- → Better healthcare and living conditions
- → Vaccination
- → Family planning and educated women

HAITI LOCATION MAP



South of North America



Earthquake

Haiti - An earthquake



- → Lies on North American and Caribbean plate - conservative movement /zuruh/
- → 200 years no disaster
- → On 12 Jan 2010, 5 p.m
- → Focus = 10km under ground
- → Epicentre 16 km from capital city - Port au Prince
- → 7.0 magnitude earthquake Benefits:
- → Provides workplaces
- → Got help from other countries Problems:
- → Over 220'000 people killed
- → Houses, airports, roads and schools destroyed
- → dirty water causing cholera
- → Public telephone was not working



south -east Asia



Mount Sinabung North of Sumatra

Indonesia - A volcano

- → has more than 17000 islands
- → Volcano was dormant over 400 years
- → September 2013
- → February 2014
- → Last time, toxic gas and ash came out
- → EuroAsian and Indonesian plate- convergent movement
- → Island spread over the ring of fire
 - Advantages:
- → Plants coffee, rice, chili, cocoa in volcanic area
 - Problems:
- → Hazardous zone
- → 16 people killed on Feb 2014
- → 70500 evacuees



Central Europe - Germany and Czech

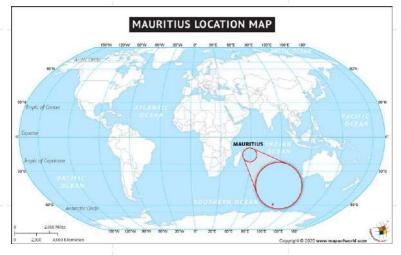


flooding

Elbe river - Flooding

- → One of the major waterways in Europe
- → Drainage basin = 50000 km^2 (4th largest)
- → Over 24M people lives in drainage basin
- → Total length = 1094 km
- → Czech -> Germany
- → Heavy rainfall until 2 June 2013 14:00 up to 250mm (72 hours)
- → Used sandbags and flood barriers
- → Opened dams
 Benefits:
- → River transport
- → Water supply
- → Hydroelectric Power
- → Fertile soils

 Problems:
- → 25 dead and thousand homeless
- → Over 50000 people evacuated



Island country in east Africa



coastline

Mauritius -An area of coastline

- → Coastline is 322 km long
- → Surrounded by coral reefs
- → Economy developed since 1970s
- Increase in sugar export earnings
- Tourists in 2013 = 950'000
- Established industries and financial services
- Coastline mainly used for vegetation in 2000 Benefits:
- → Transport
- → Tourism
- → Fishing
- → Can be used for leisure activities Problems:
- → Coastal erosion and flooding
- → Sea walls collapsed
- → Roads eroded
- → Tropical storm (cyclone) Bejisa Jan 2014 - 166 km/h wind



Northwestern South America



Rainforest

Ecuador - The tropical rainforest

- → Has approximately 280'000 km^2
- → Second smallest country in South America
- → Rainforest in east side Oriente
- → A city in Oriente, Puyo, has 25000 population
- → Equatorial climate (hot and wet) Average temperature 19-30 C and 80% humidity
- → Annual rainfall 3411 mm (convectional rainfall)
- → Plants (thick and big leaves, buttress roots, tall)
- → Yasuni national park established in 1979 (1 million hectares) NE of Ecuador
- → Small part of rainforest was sold by \$18 billion
 - Benefits:
- → Defeat poverty
- → Food source and fuel source
- → Fertile (vegetation grows well)

 Problems:
- → Oil drillers might want more forest
- → It might be accidentally burned





Mali - North west Africa



Sahara desert

A hot desert - Sahara and Mali

- → Sahara is largest and hottest desert
- → Lies across north Africa
- → Area is almost equal to USA
- → About a quarter is covered by sand-desert called ergs (rest is rocks)
- → No rain since 1969 in Sahel (300-600 mm annual rainfall) 90% evaporates
- → Mali's population density is 5/km^2
- → 65% of Mali is desert
- Plants(long roots, small and thick and hairy leaves)
- → Animals (big ear fennec fox)
- → Mali has small range of temperature (218 mm rainfall)
- → Climate is hot and dry Problems:
- → Less supply of water and food
- → Hard to develop tourism





Headquarters located in Beaverton , Oregon USA



Nike-transnational corporation

- ➤ Established in 1972
- → 765 factories in 43 county
- → Over 1M workers
- → Opened first major market in Japan
- → Asian countries have cheap raw materials,labour cost, free trade and expanding market
- → CHINA has the most factory which is 206
- → Vletnam has 66 factories
- → Vietnamese workers have 2 times lower salary than Chinese workers
- → In 2001, Nike introduced 'Corporate responsibility report' to reduce greenhouse gas and increase renewable energy usage Problem:
- Factories causing damage to environment
- So in 1992 nike setup Code of Conduct
- Relocated factories to make more profit but it was not effective because locals buys their goods





Lincolnshire, the UK - Arable farm



- Located in northwestern Europe (island)
- Lincolnshire is located East part of the UK
- In 1973, the UK joined European Union 28 countries
- Common Agricultural Policy farmers grow depending on market condition
- Glebe farm, lincolnshire 127 hectares
- Every month receives rainfall, +6C
- Need to harvest, fertilise, protect sprouts, ploughs land
- Needed to diversificate because of CAP Benefits:
- Eco-friendly
- Keeps farms not being bankrupted
- Stopped overproduction Disadvantages:
- Farmers cannot plant any plant by the amount they want

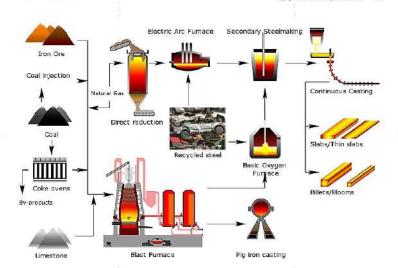




1956- Independence granted to Sudan 2003- Western region of Sudan rebels, claiming Arabs have been favored. 2007-peace keeping force provided/ to protect african union and I+UNited Nation January 2011- A referendum is held 9 July 2011- Republic of south Sudan becomes Independent

Sudan - food shortages in Darfur, Sudan

- Sudan was the largest country in North Africa
- Landscape changes from desert to forest
- Nile provides water in the east but many areas receive no rainfall Problems:
- Reason for separation was the contrast in people caused- the two civil wars since independence in 1956
- During second civil war there were drought and, by 2009, many parts of sudan required large amount of food.
- Last 10 years, Darfur has seen one of the world's largest concentrations of human suffering and food shortages
- Government does not distribute food or allow agencies to operate there
- Child malnutrition is dommon
- There is no food, toilets, drainage, or medical facilities in refugee camps



Pakistan - Steel complex at Pipri, near Karachi



- Independence from India in 1947
- Located in South Asia
- First steel factories for Pakistan Steel were built in 1973
- The project was so large it took 12 years and it formally opened in 1985.

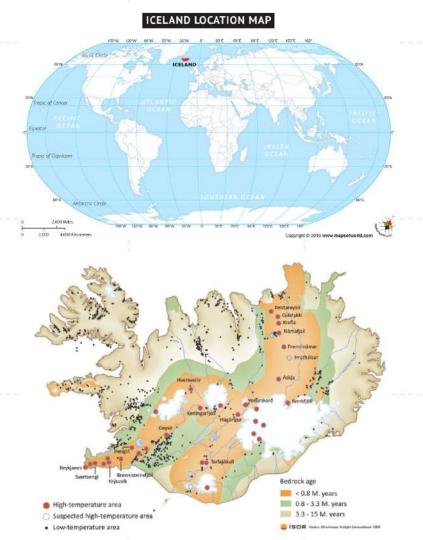
Advantages:

- Today Pakistan Steel produces 1.1 million tonnes of steel and is the country's largest industrial activity. (economy)
- Not reliant on other countries
- This provides for quarter of Pakistan's steel demand.

Pipri:

- Transport by sea, main road
- Qasim and Karachi highest electricity generating capacity in the country
- Cheap labour, flat and cheap land Process:

Limestone+iron ore+coke -> oxidise ->roll = steel

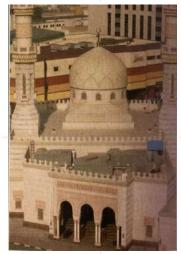


Energy supply in Iceland

- Home for 300'000 people
- Located on the Mid-Atlantic ridge constructive boundary between north american and euroasian plate
- Plates moves 2 cm/year
- 66% of its energy from geothermal source
- 15% from HEP (most in South West)
- 81% renewable source
- 60% of population lives in the place where geothermal power is produced
- HEP stations have been built since 1965 usually on glacial rivers (мөсөн гол)
- Precipitation is high, +800mm/year
- Divided into 2 areas high temperature(200C) rocks and low temperature rocks(50-100C)
 Advantages:
- Provided 750 jobs
- Less waste, CO2

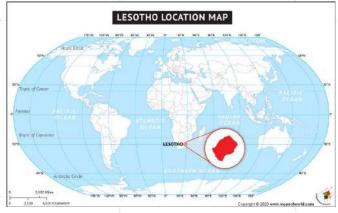






Dubai, United Arab Emirates - An area where tourism is important

- Located in UAE on the Arabian Peninsula.
- CBD is dense
- A sub-tropical, arid climate
- Rainfall is infrequently and irregular /about 5 days per year/
- The mean daily temperature maximum is 30C in january, rising over 40C in july.
- In 2014, over 5 million tourists visited.
- Tourist is increased at 10% per year.
- Benefits:
- Generating revenues of more than US\$4 million. (economy)
- Problems:
- An impact on the natural environment (pollution, traffic)
- At risk from flooding as sea levels rise.
- Areas of coral damaged by sediment deposits.



Country within South Africa



Water dam

Water supply in Lesotho



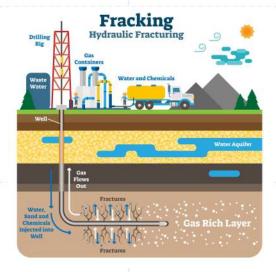
- → Has several rivers across the country
- → East part of the country receives heavy rainfalls(highlands)
- → Lowlands receive less than 250 mm of rainfall per year
- → Average rainfall and temperature is low is low in summer.
- → LHWP(Lesotho Highlands Water Power) is the 2nd largest water transfer project (started developing in 1988 and not finished)
- → Built along the river Malibamatso and Sengunyane and has 5 water dams Benefits:
- → The objectives of the project are provide water supply for country and earn income by selling water

Problems:

- → Some farms are under water
- → It might make Lesotho dependent on South Africa
- → Changes river flow and ecosystem



USA in North America



Fracking process -extracting oil and gas

Fracking in California, USA

- Can supply energy California for next 21 years
- → Uses over 600 mills in 2013
- → 65% of USA's oil deposits
- → Small holes blasted into the rock mixture of water sand and chemicals pumped in at high pressure

Benefits:

- → Economically beneficial
- → Does not depend on other countries Problems:
- → Extremely expensive
- → May cause global warming (coal)
- → Oil damages natural environment
- → Need huge amount of water
- → If toxic chemicals reach the water aquifer, it may cause severe illness and death
- → Earthquakes
- → Locals does not like it