

Grenzenlos- World University Service.
Qualifikation seminar II, Weisbaden.

Nov 5-6, 2021.

Climate Change: Where do we go and
what can we do? (SDG 13)



Vinay Bandari

Referent

WUS

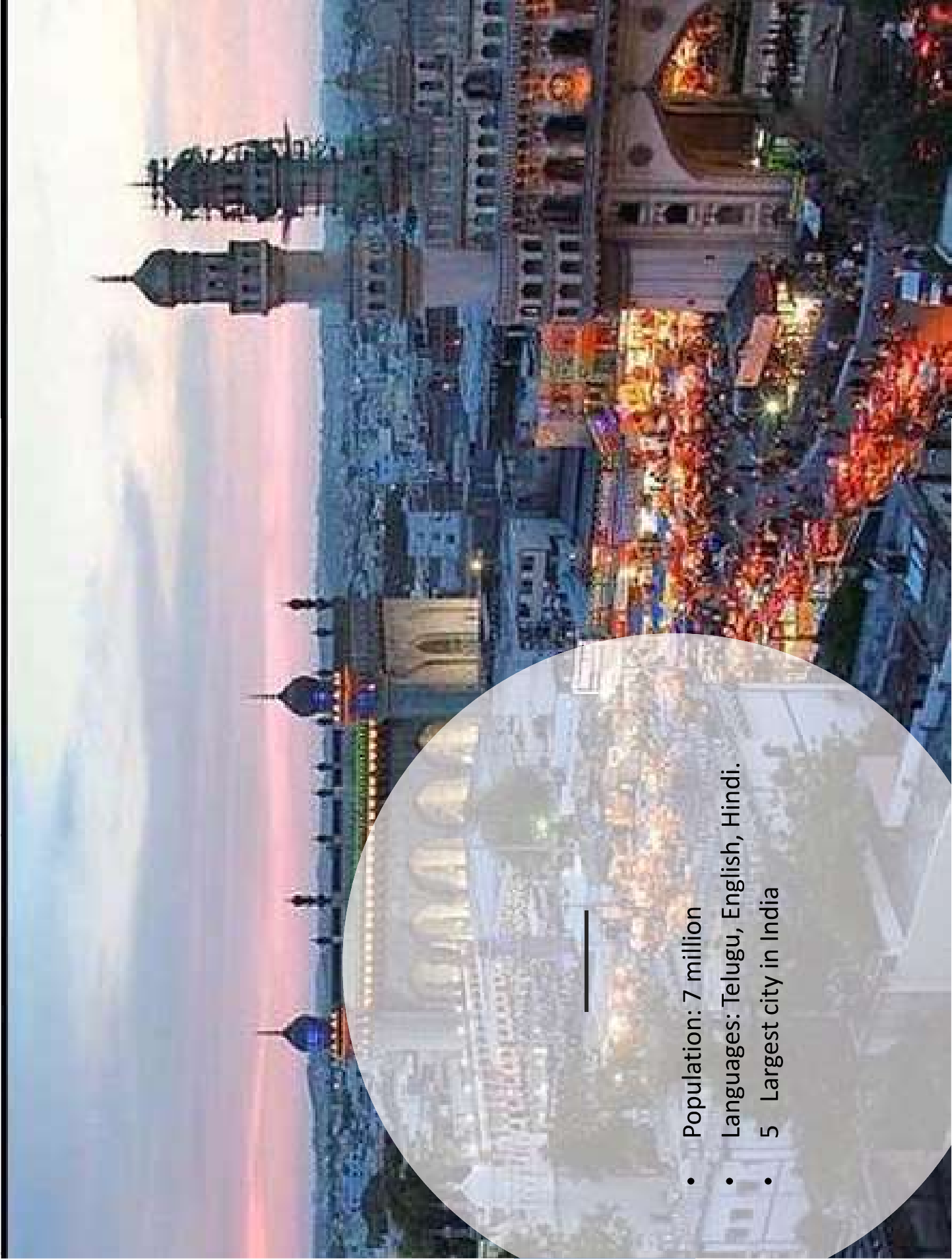
Contents

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- 2) Energiser
- 3) Where is Süd Asia.
- 4) Klima und Natur im Indien.
- 5) SDG's and Klimawandel
- 6) Mentimeter
- 7) Klimawandel im SüdAsien
- 8) Migration
- 9) Gruppenarbeit
- 10) Was können wir machen
- 11) Offen fragen und feedback.

About me:

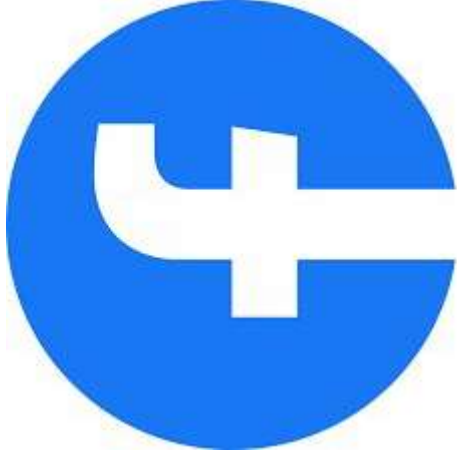
- 2004 – Secondary school
- 2006 – 2010 : Bachelors of Technology.(Biotechnology)
- 2010- 2014 : Working with NGO's in India.
- 2015-2019 : Master of Science (Environment and Resource management) in Germany.
- PhD?





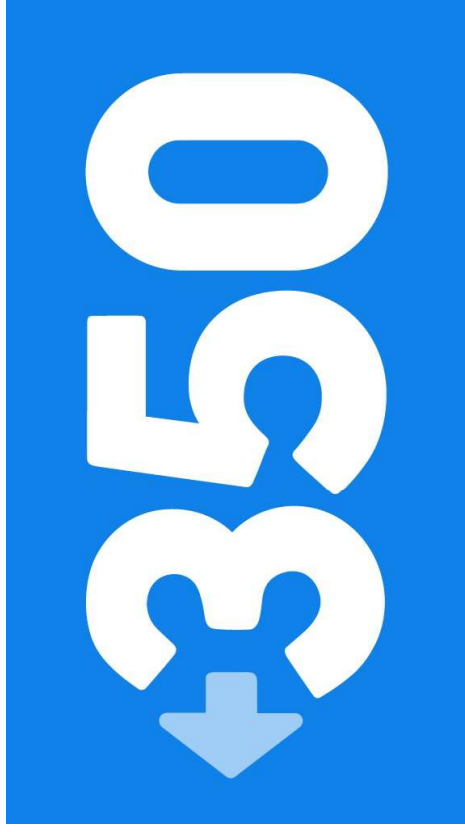
- Population: 7 million
- Languages: Telugu, English, Hindi.
- 5 Largest city in India

Wirtschaft



Google









**SUSTAINABLE
DEVELOPMENT
GOALS**



Sustainable Development Goals

Goals:



1 NO
POVERTY



- 2017- 689 million people lived in extreme poverty
- Less than 1.90 US \$
- Due to COVID 19. 124 million people fell into extreme poverty.
- Starke-Familie gesetz.



2

**KEIN
HUNGER**



- 795 million people are undernourished.
- One world – No Hunger initiative
- Germany spends 2 billion euros every year.
- 20% agriculture of organic by 2030.

3 GESUNDHEIT UND
WOHLERGEHEN



4

**HOCHEWERTIGE
BILDUNG**



- More than 57 million children remain out of school.
- Early school drop out in germany.
- 10.3% students drop out between 18-24 years.
- Education cannot wait(ECW Fund)

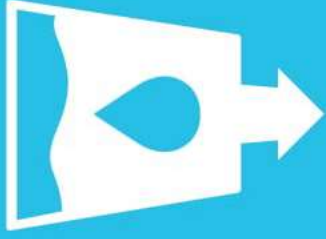
5
**GENDER
EQUALITY**



- School enrollment of 74 girls for every 100 boys
- 18% women receive less than men



6 CLEAN WATER
AND SANITATION



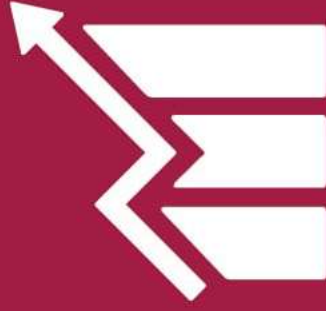
- Phosphorous and Nitrate concentration.



7 AFFORDABLE AND
CLEAN ENERGY



8 DECENT WORK AND
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



10 WENIGER UNGLEICHHEITEN



11

**NACHHALTIGE
STÄDTE UND
GEMEINDEN**



12

VERANTWORT-
TUNGSVOLLER
KONSUM UND
PRODUKTION





14 LIFE
BELOW WATER



15 LIFE
ON LAND



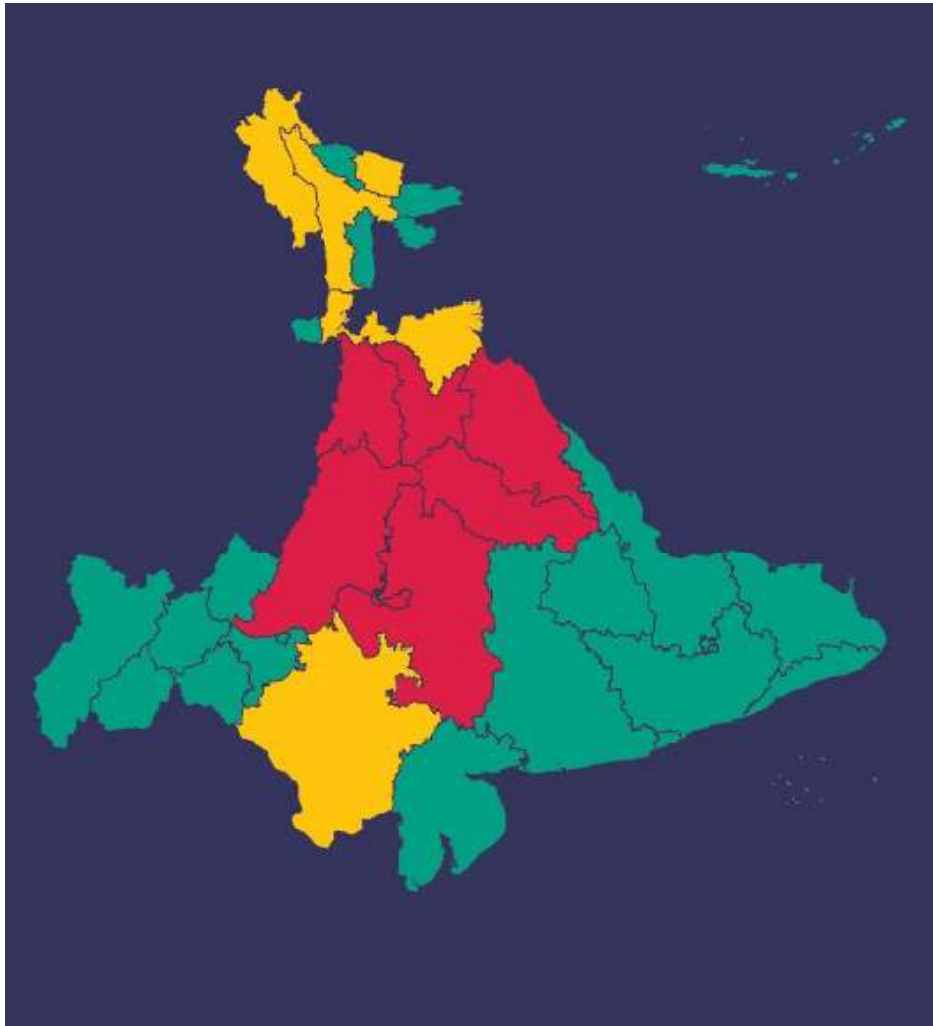
16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



17

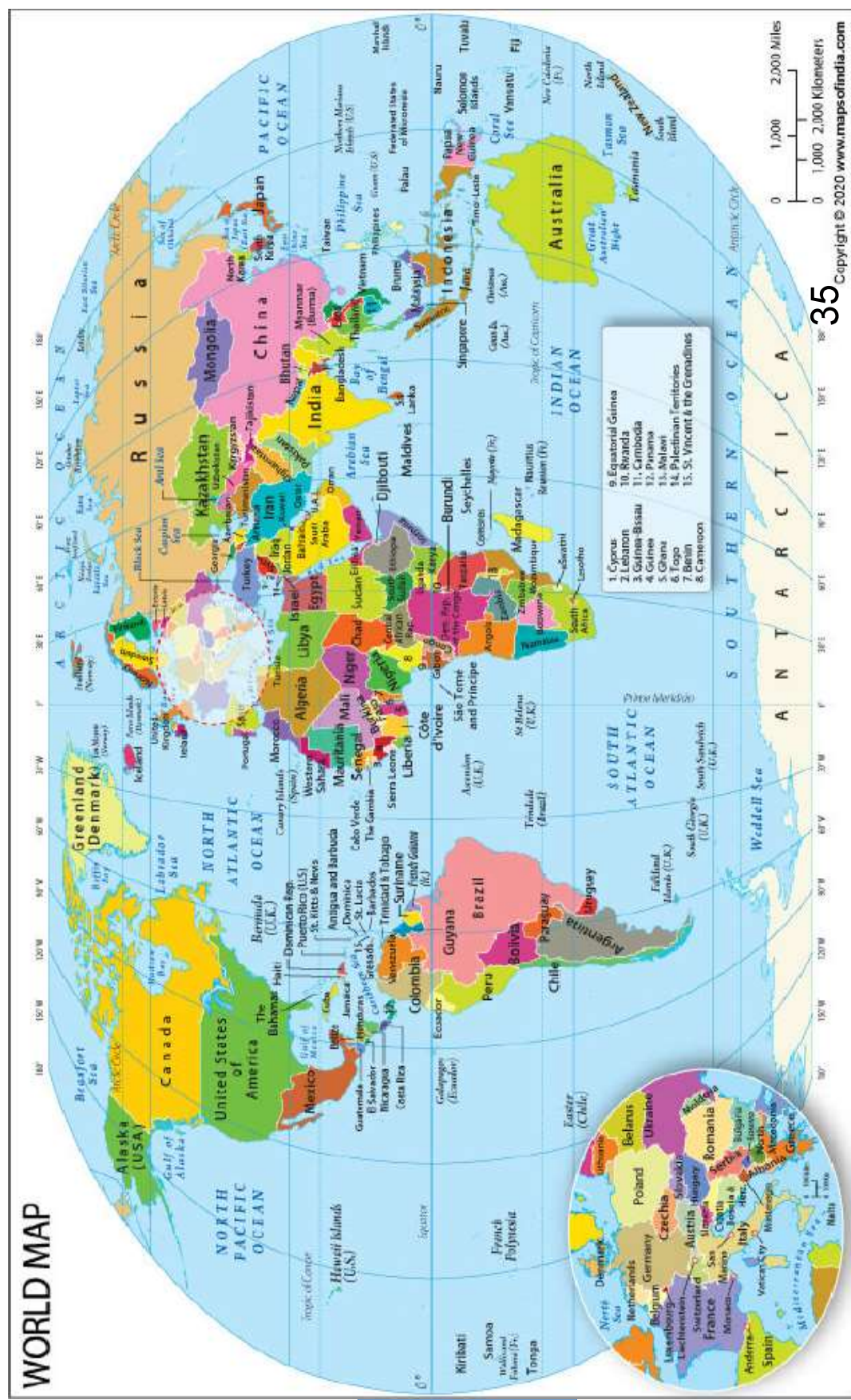
**PARTNER-
SCHAFTEN
ZUR ERREICHUNG
DER ZIELE**







Wo ist Süd Asien?



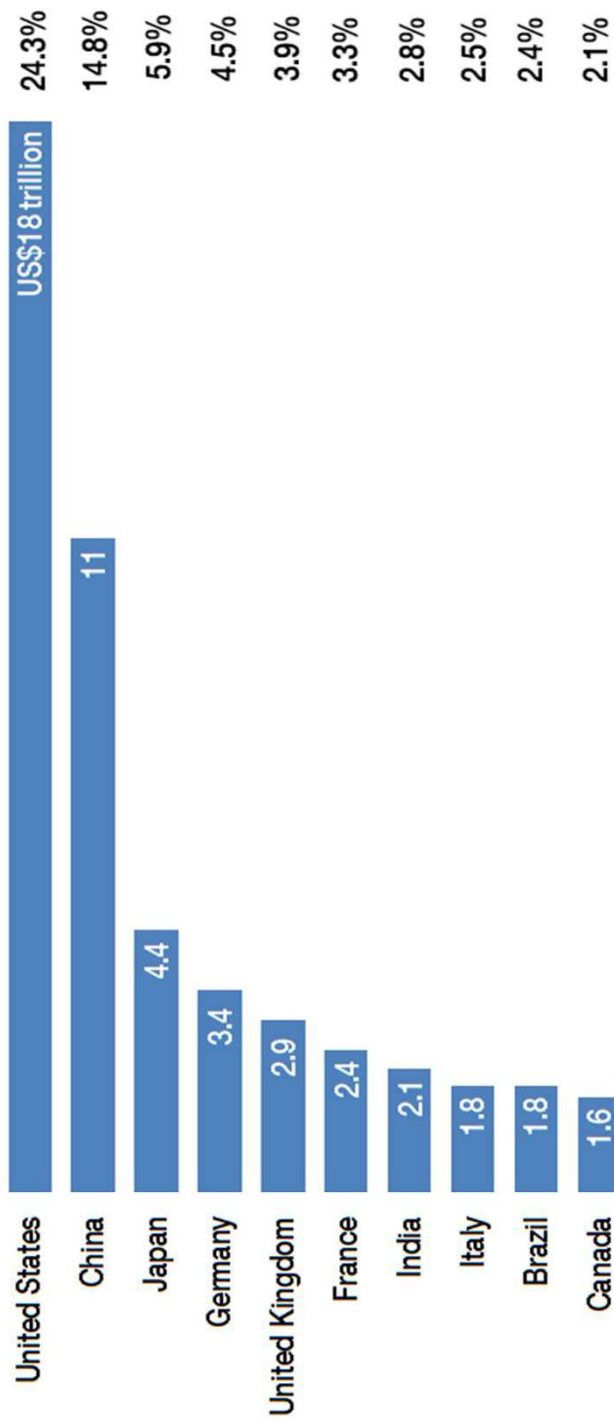


- Afghanistan
- Pakistan
- India
- Nepal
- Bangladesh
- Sri Lanka
- Maldives



The world's biggest economies

GDP in current USD and share of global total, latest World Bank data, 2015



Source: World Bank and Visual Capitalist

Quick facts

- Population: Approx 1.3 billion
- 5th largest economy
- 27 bundeslander
- 23 official languages
- Agriculture is the major source of economy.
- Around 2/3rd of the population lives in poverty.
- Second Largest producer of Rice in the world.

Natur und Klima in Indien und Süd Asia

- Climate in region is characterised by Humid and Tropical in the south and Temperate Alpine in the North.
- Monsoon:
- Is the major climate phenomenon in south Asia.
- It lasts from June to September.
-



Himalayas



© picture-alliance/dpa/T. Sherpa

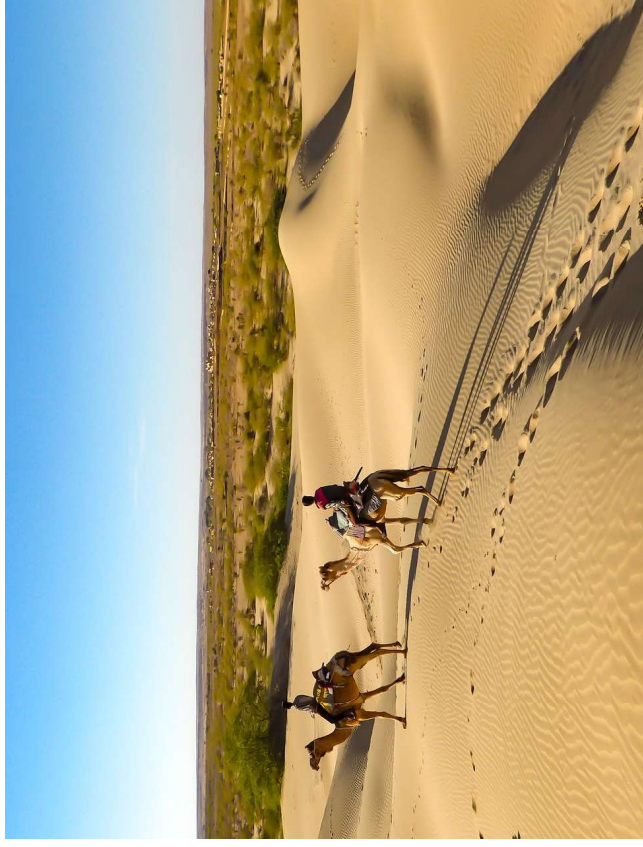


- **Thar Dessert**

Also Known as Great Indian Desert.

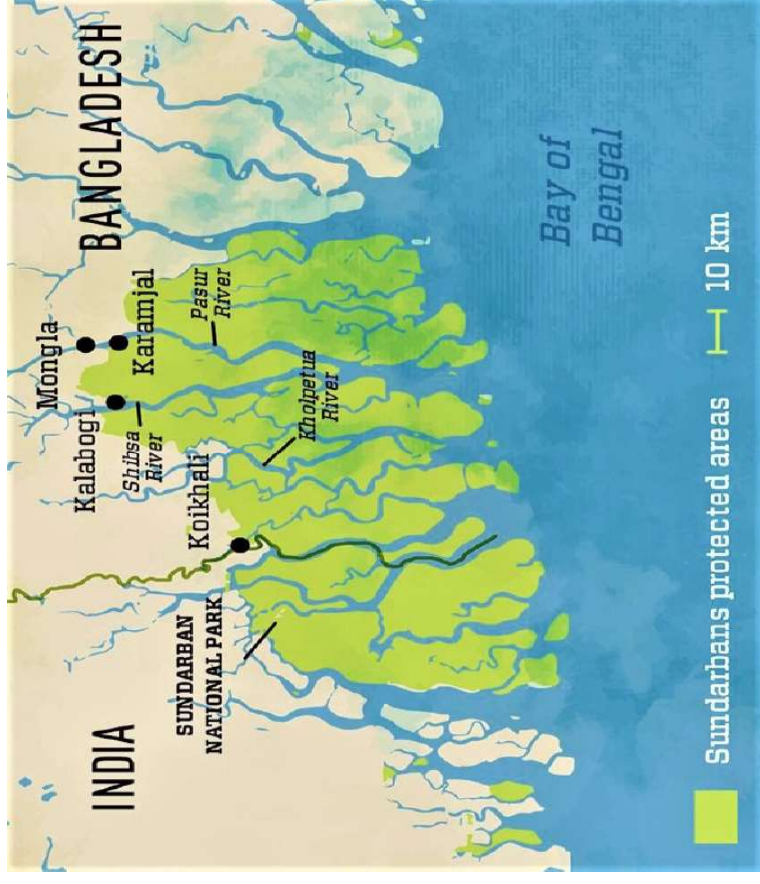
Is present in India and Pakistan.

It is 200,000sq km.



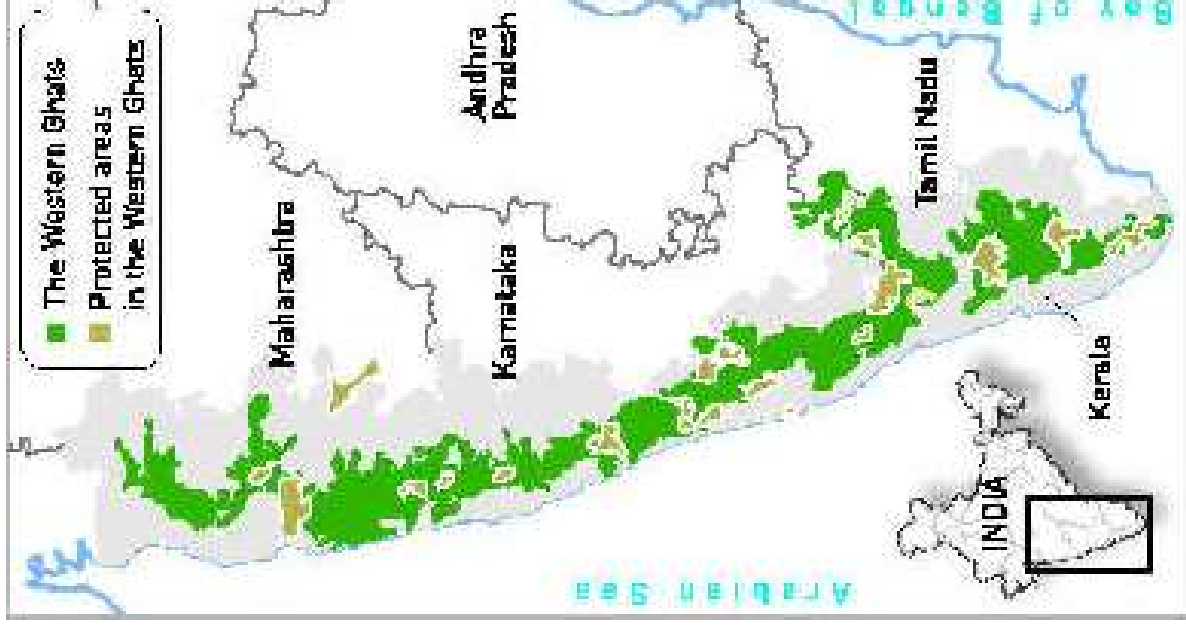
Sunderbans

- Is worlds largest mangrove forests.
- It is located in Bangladesh and India.
- Is a UNESCO world heritage site.
- Home to Bengal tiger.



Western Ghats

- Is one of the world's eight Biodiversity hotspots.
- Home to Asian Elephant, Tiger and many other animal and plant species.
- UNESCO World Heritage site



- **BioDiversity in India:**

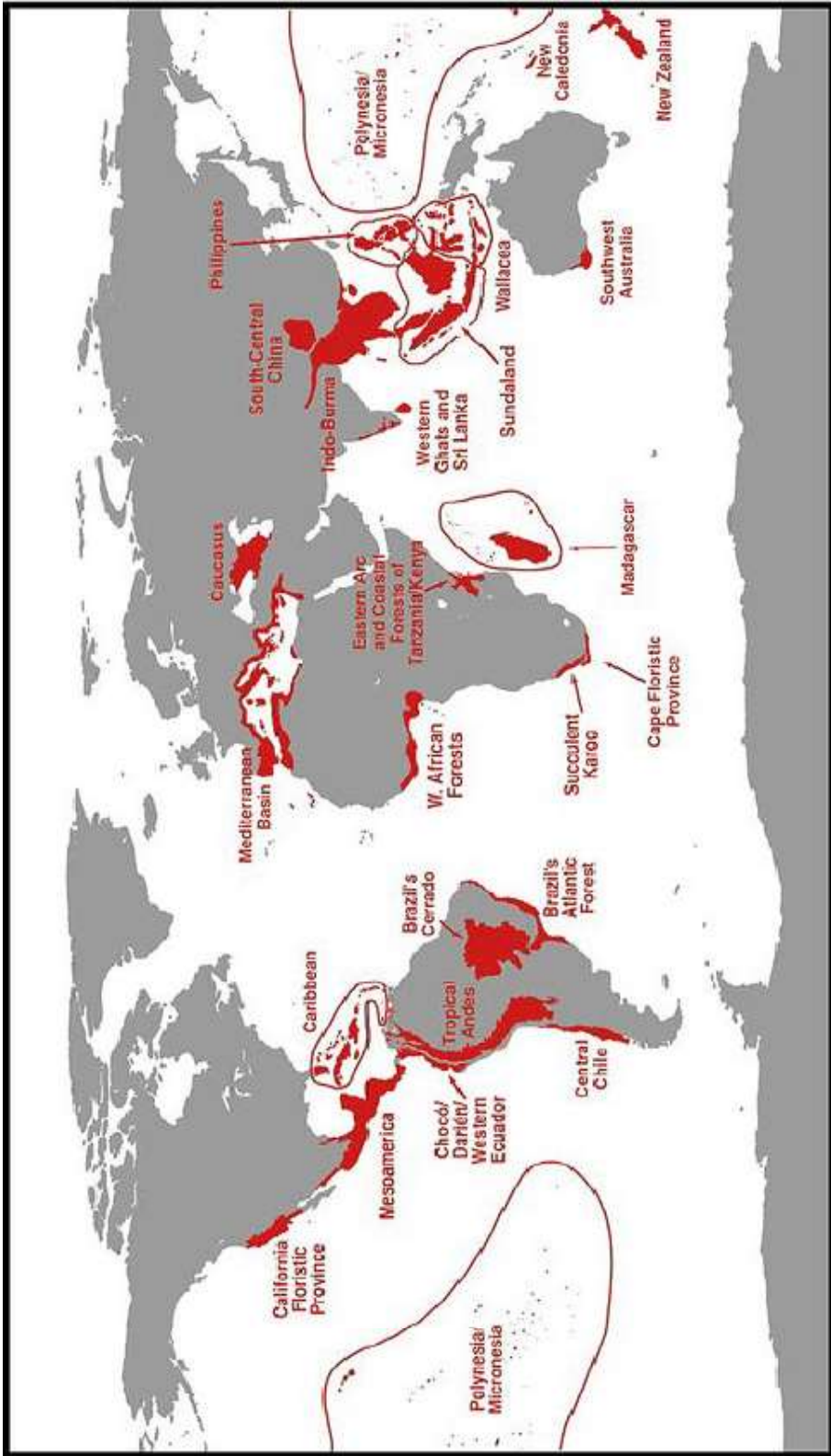
24% of the land is forest

38 Tiger reserves

28 Elephant reserves

200 Million people depend on Forest Resources.





- Agenda for Sustainable development goals adopted by all the developed and developing countries to achieve the targets of peace, prosperity for the people and planet.



Education for Sustainable Development Goals

- ESD addresses the complexity and interconnectedness of global issues with the framework:
- - Respect for the dignity and Human Rights
- - Commitment to social and economic justice.
- - Respect for not just human life but the protection of ecosystems.
- - Respect for cultural Diversity, tolerance and peace.
- Quelle: UNESCO 2005.



13 CLIMATE ACTION



Quiz time:

- Is Climate Change a natural phenomenon or man made?
- What is the amount of concentration of carbon dioxide in the atmosphere?
- What is the mean global temperature to avoid climate change?



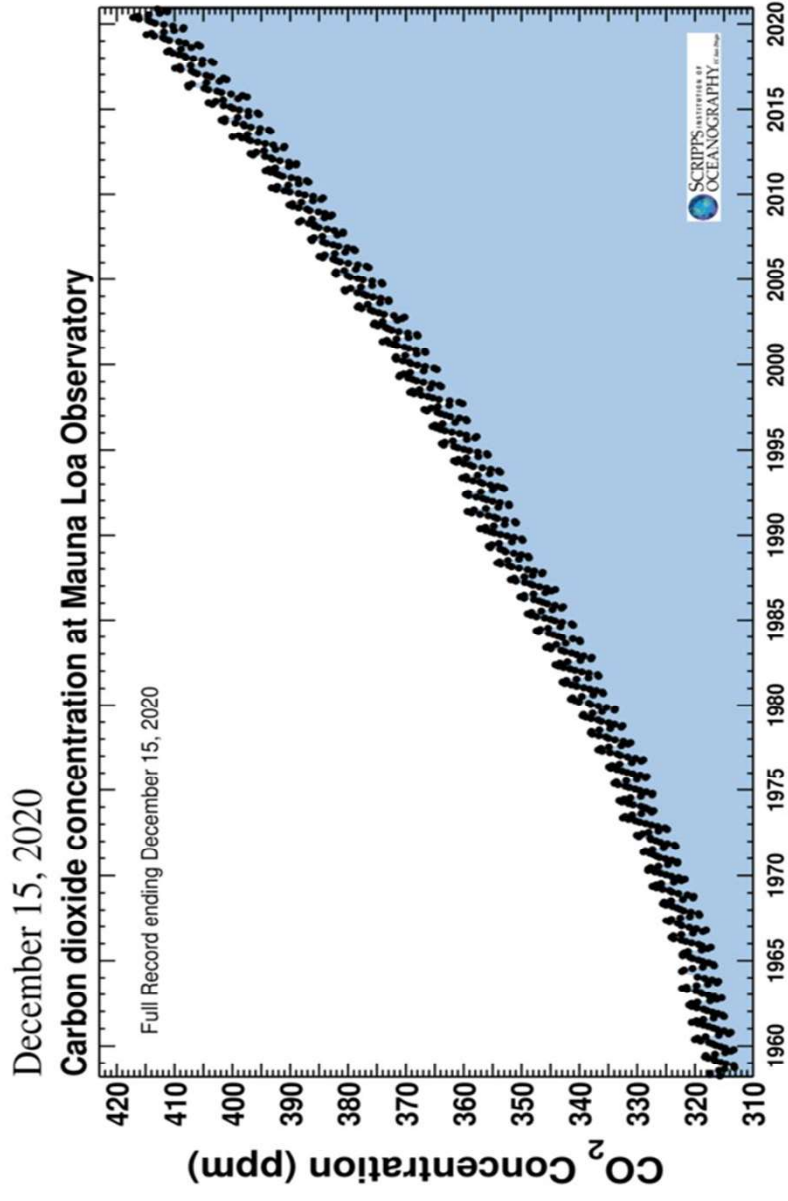
- Climate change is a natural phenomenon happens over a period of time but Human activity such as carbon emissions has increased climate change threatening human life and Biodiversity.

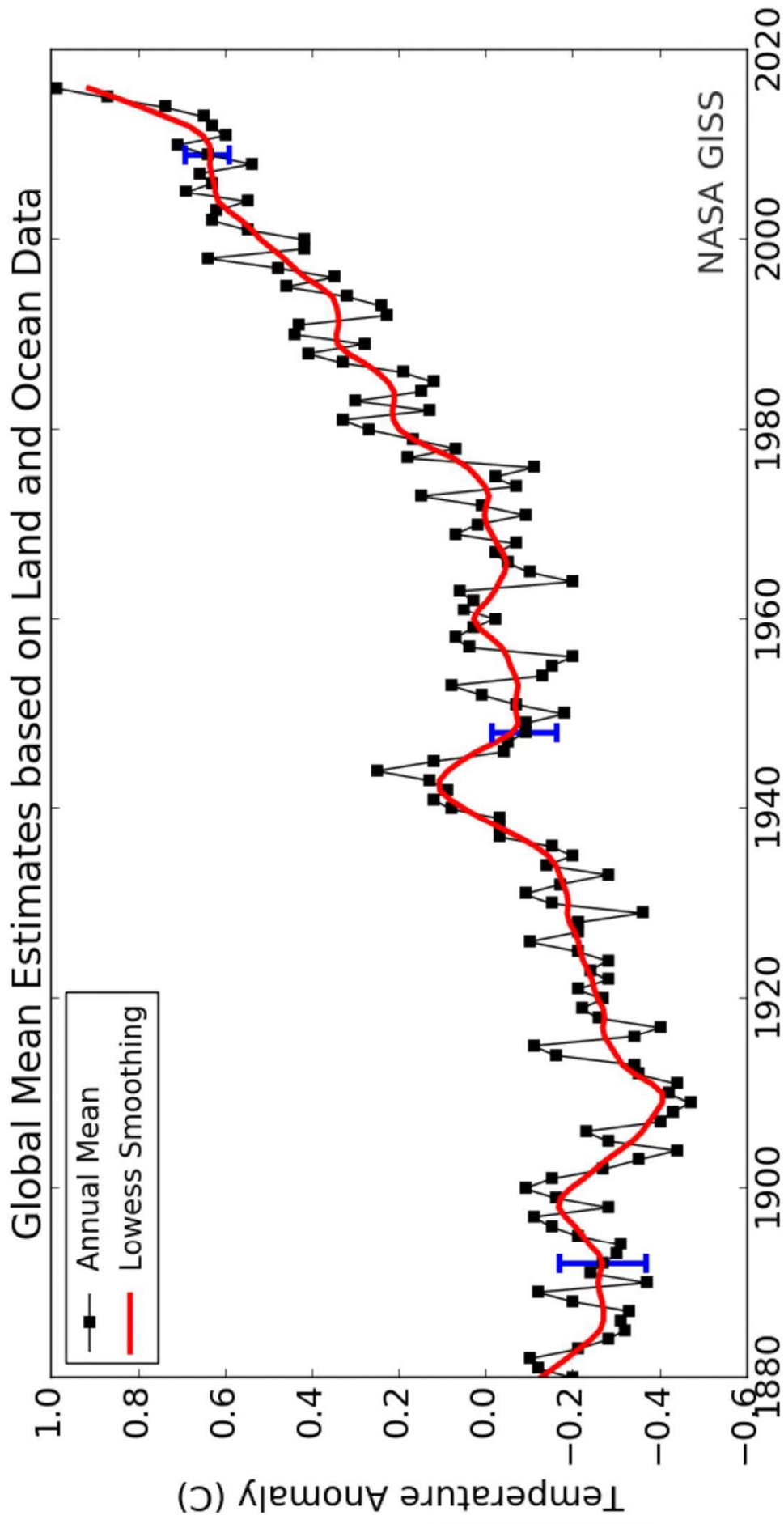


Mentimeter

- What are the impacts of climate change?
- What are the factors that contribute to climate change?







Klima wandel in Süd Asia:

- Extreme Heat waves.
- Droughts.
- Sea-Level rising.
- Melting ice glacier from Himalayas
- Increase in number of Cyclones

Migration

- One of the greatest impacts of climate change is human migration.
- 1 out of 7 people have migrated for various reasons in 2017.
- Scientists estimate that around 200 million people will be forced to migrate by 2050.

Binnenflüchtlinge

aufgrund von Naturkatastrophen

3,2 Mio.
insgesamt

AFGHANISTAN

PAKISTAN

INDIEN

BANGLADESCH



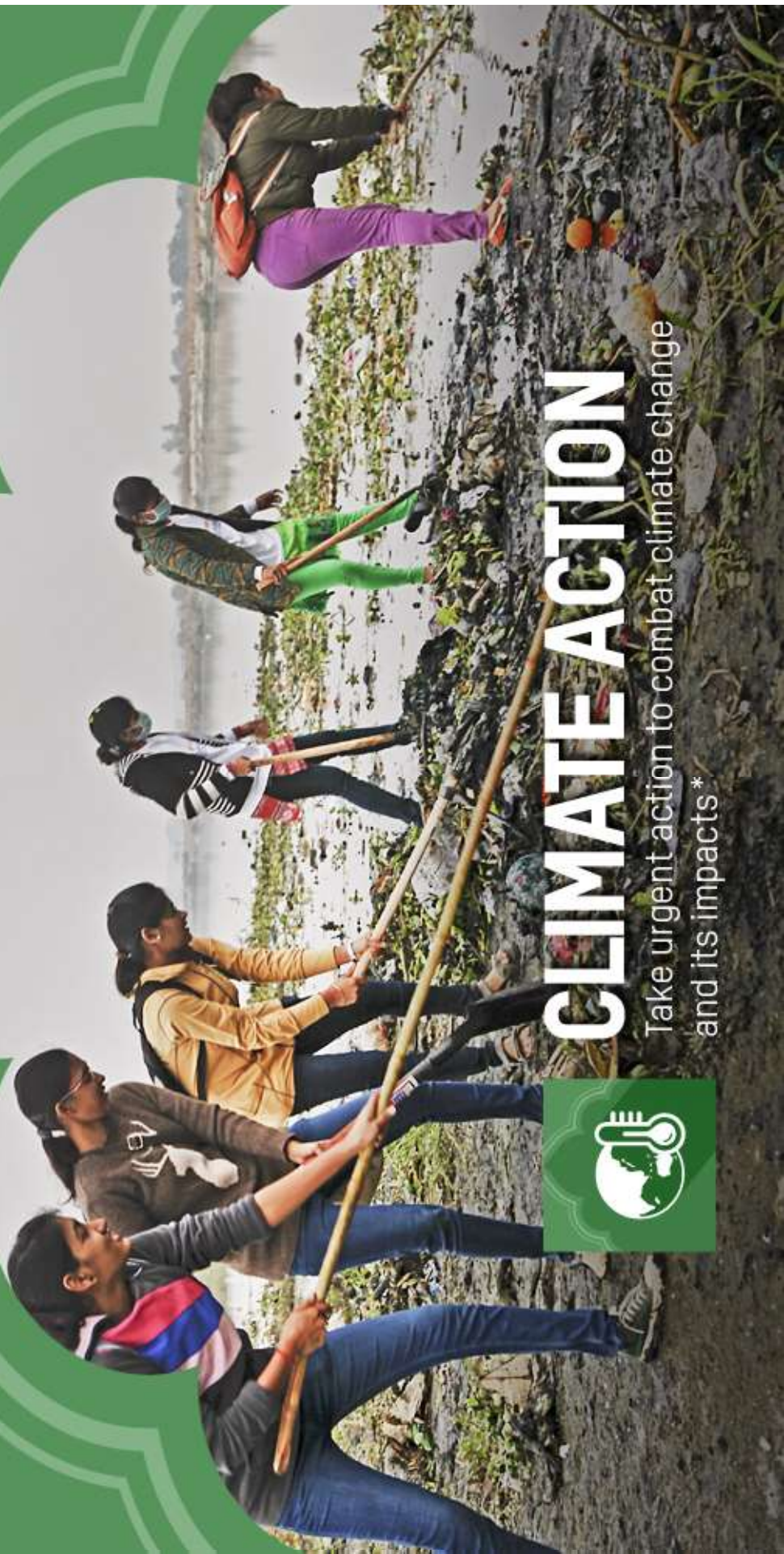
Quelle: Internal Displacement Monitoring Centre
© Mapillary / © openstreetmap.org

GOAL
13

#SDGs

CLIMATE ACTION


Take urgent action to combat climate change
and its impacts *





- Improve education, awareness raising and human and institutional capacity on climate mitigation, adaptation, impact reduction and early warning.



What can we do??

 Food and Agriculture
Organization of the
United Nations

 SUSTAINABLE
DEVELOPMENT
GOALS

 2
Eliminate
Hunger

working for Zero Hunger

ACTIVITY BOOK

Change the future of migration

<https://www.footprintcalculator.org/>



What can we do??

- Climate change has been described as the defining moment of our life times.(United nations 2010)
- First time in 2013 in the Human history earth concentration of carbon dioxide passed 400 ppm. Which was 200ppm before 200 years.



Fridays for Future

- Is a school strike started by young students in Europe and now spread across the world to demand climate action from the governments and politicians.



What can we do???

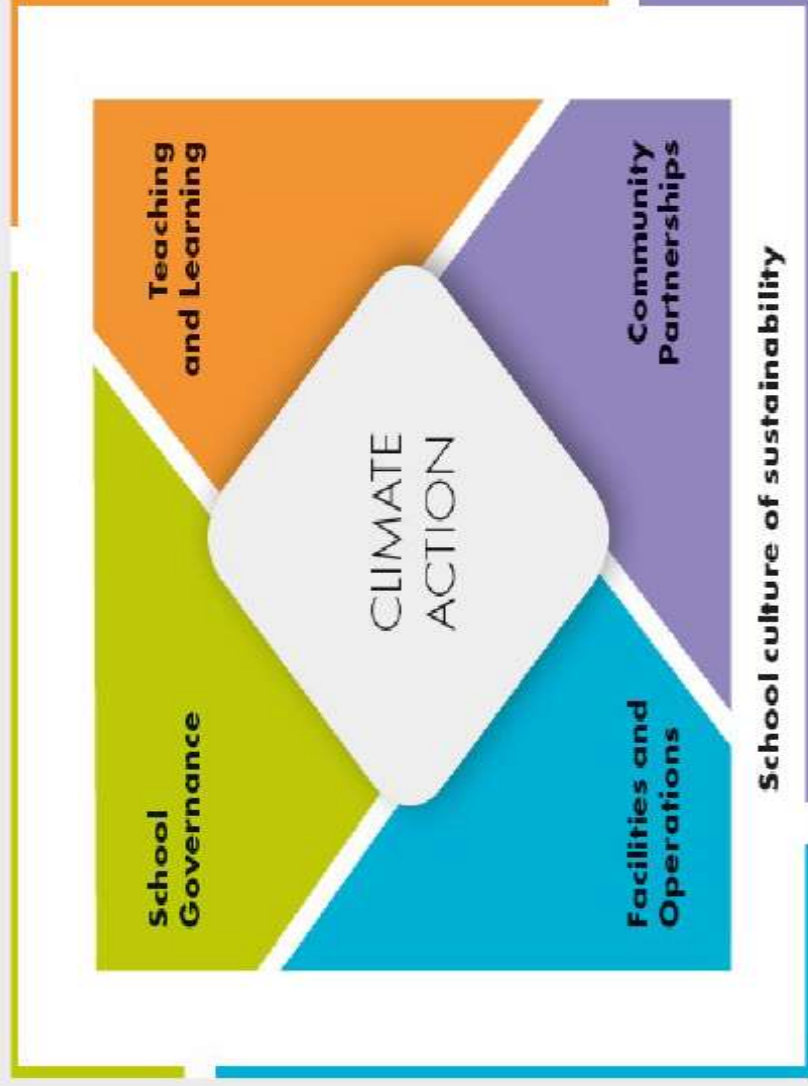
Action-Oriented Learning:

- Pursue scientific knowledge in understanding climate change.
- Challenges posed by climate change require us that we use our knowledge to take action small, local and at community and globally.



•

GRAPHIC 1 THE WHOLE-SCHOOL APPROACH TO CLIMATE CHANGE





Think Globally, Act Locally

Group Work

- Group 1: How do you propose to transform BSGG Beruf Schule Groß-Gerau in to Eco-school?





- Group 2: There are less space for fahrad lanes in your city Groß-Gerau. Discuss with your group how do you propose or actions to change this.



Eco-Schule: Martin Schule im Greifswald





- 1 Hat sich am Klimawandel beteiligt
Gemeinschaftsaktion
- 2 Macht sich Sorgen über die Zukunft
bringen könnte
- 3 Hat gehört, dass eine Erwärmung des Klimas
neue Krankheiten bringen wird
- 4 Ist sich nicht sicher, was der Unterschied zwischen
zwischen Klima und Wetter ist
- 5 Fühlt, dass sich der normale Rhythmus der
der Jahreszeiten verändert sich
- 6 Kennt Menschen, die wegen der Auswirkungen
umziehen mussten wegen der Auswirkungen des
Klimawandels umziehen mussten
- 7 Kann sich vorstellen, dass Änderungen vorgenommen
werden, um den Klimawandel zu
verschlimmern
- 9 Kann eine aktuelle Geschichte zum Klimawandel
erzählen
Geschichte erzählen

- 10 Versucht, "grün" zu sein, indem er den Energieverbrauch senkt
- 11 Glaubt, dass der Klimawandel nicht so schlimm ist
- 12 Kennt einen Landwirt, der sich Sorgen macht
über den Klimawandel
- 13 Fühlt sich in seiner Lebensweise und Kultur durch den Klimawandel bedroht
- 14 Denkt, dass Mädchen und Frauen
unter der Erwärmung des Klimas am meisten leiden werden
- 15 Hat die Auswirkungen des Klimawandels
Klimawandels gesehen, wo sie leben
- 16 Kann sich vorstellen, dass Änderungen vorgenommen werden
um sich an den Klimawandel anzupassen
- 17 Fühlt sich durch den Klimawandel sehr betroffen
Klimawandel

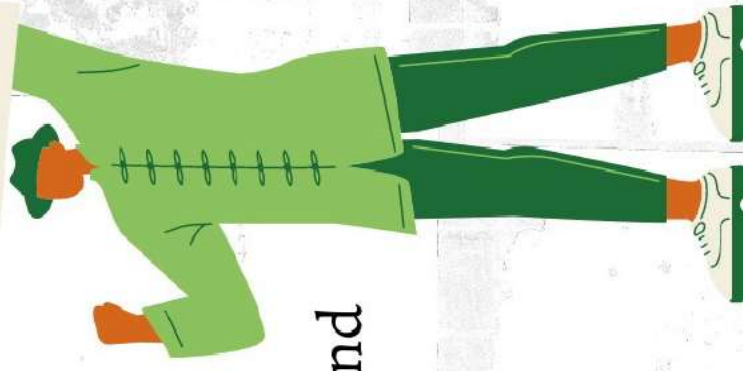


Presents

DECLARATION ON CHILDREN, YOUTH IN CLIMATE ACTION

Accelerating inclusive children and
youth-centered Climate policies

*Let's Introduce
our custodians*





CERI

The Children's Environmental Rights Initiative (CERI) seeks to ensure that children's rights are placed at the centre of environmental decision-making and action.

Its overarching goal is to secure international recognition of children's fundamental right to a safe and healthy environment.



Some useful resources:

<http://www.ecoschools.global>

- <http://www.écoschools.global/>

- <http://www.unesco.org/new/en/education/network-s/global-networks/aspnet/>



Offene Fragen und Feedback:



<https://forms.gle/EdFbXAhYaDbZcCPZ9>



**Vieln Danke für Ihre
Teilnahme**