

PROS AND CONS

AN ECOLOGICAL PERCEPTION???

UN ENVIRONMENT ANNUAL REPORT 2017



- Human right: to have a safe and healthy environment
- Environmental sustainability is essential for global equity
- When environment is compromised, lives are often endangered and people's for better standards of living are profoundly curtailed

ANTÓNIO GUTERRES- UN Secretary –General

Throughout the past years, UN Environment campaigned on many fronts against the spiralling;



3E

- **ECONOMY**
- **EQUITY**
- **ECOLOGY**

E 1

- Increasing welth
- Increasing production
- Increasing helth
- Increasing technology

INCREASING WELTH

- TOP 1% CONTROLS political power, holds half of the welt and pays so claimed bulk of taxes in the USA (despite mile wide tax loopholes and Swiss bank accounts)



The rest is simply fillers



The fact is

- 10% hold 76% of the wealth in USA
- 0.5% control over 35 % of world wealth...according to Credit Suisse in the latest «Global Wealth Report»
- Which accounts for 31% of total World wealth beside Europe's 32%
- Source: Tyler Durden, 11/10/2010

WHAT ABOUT THE REST OF THE WORLD?

- How is wealth stratified in a global perspective?
- How much of that wealth is spent for global problems to be solved?

Wealth Range

> USD 1 million

USD 100,000 to 1 million

USD 10,000 to 100,000

< USD 10,000

**36 m
(0.7%)**

**391 m
(7.9%)**

**1,054 m
(21.3%)**

**3,474 m
(70.1%)**

**Total Wealth
(percent of world)**

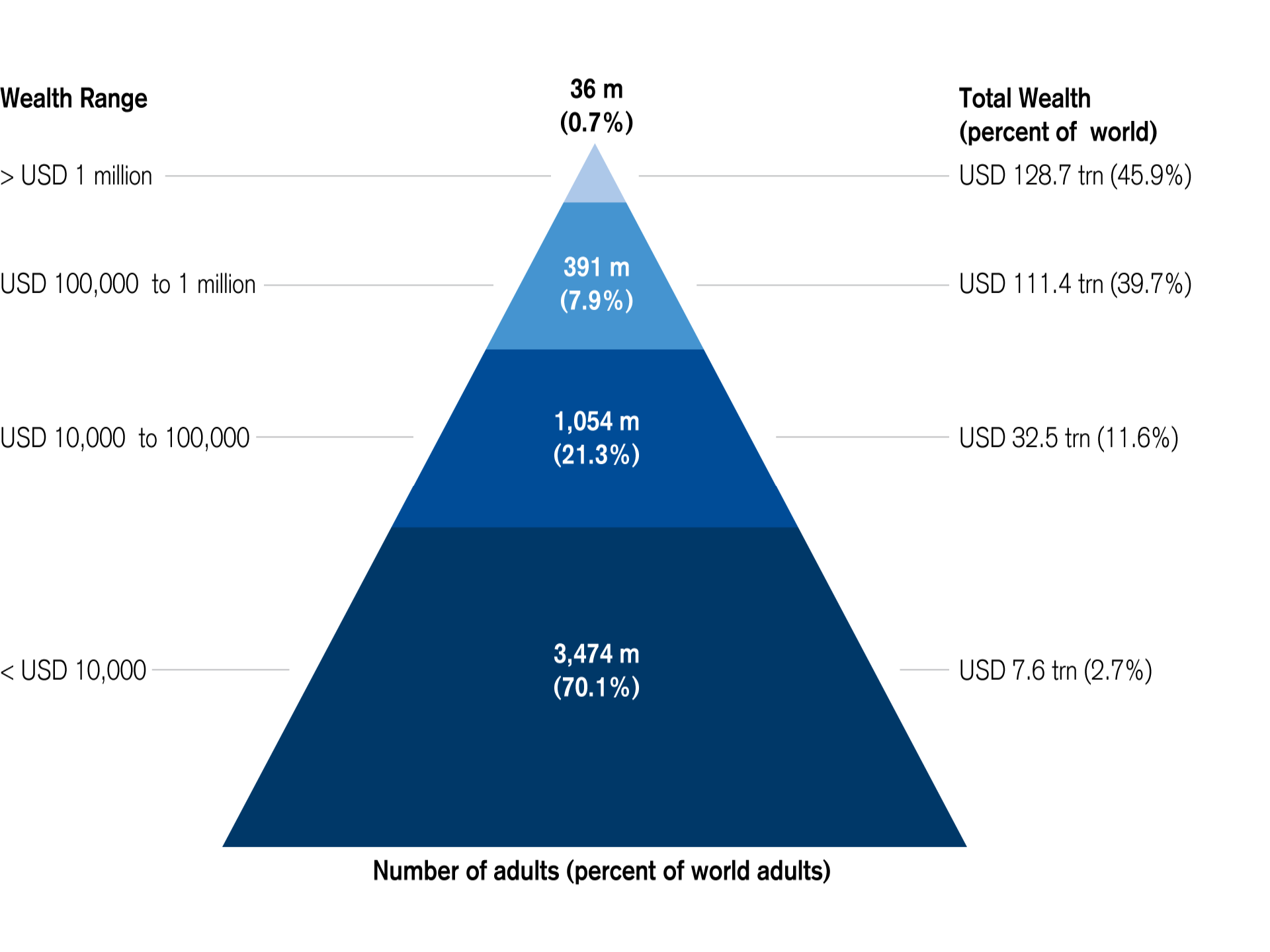
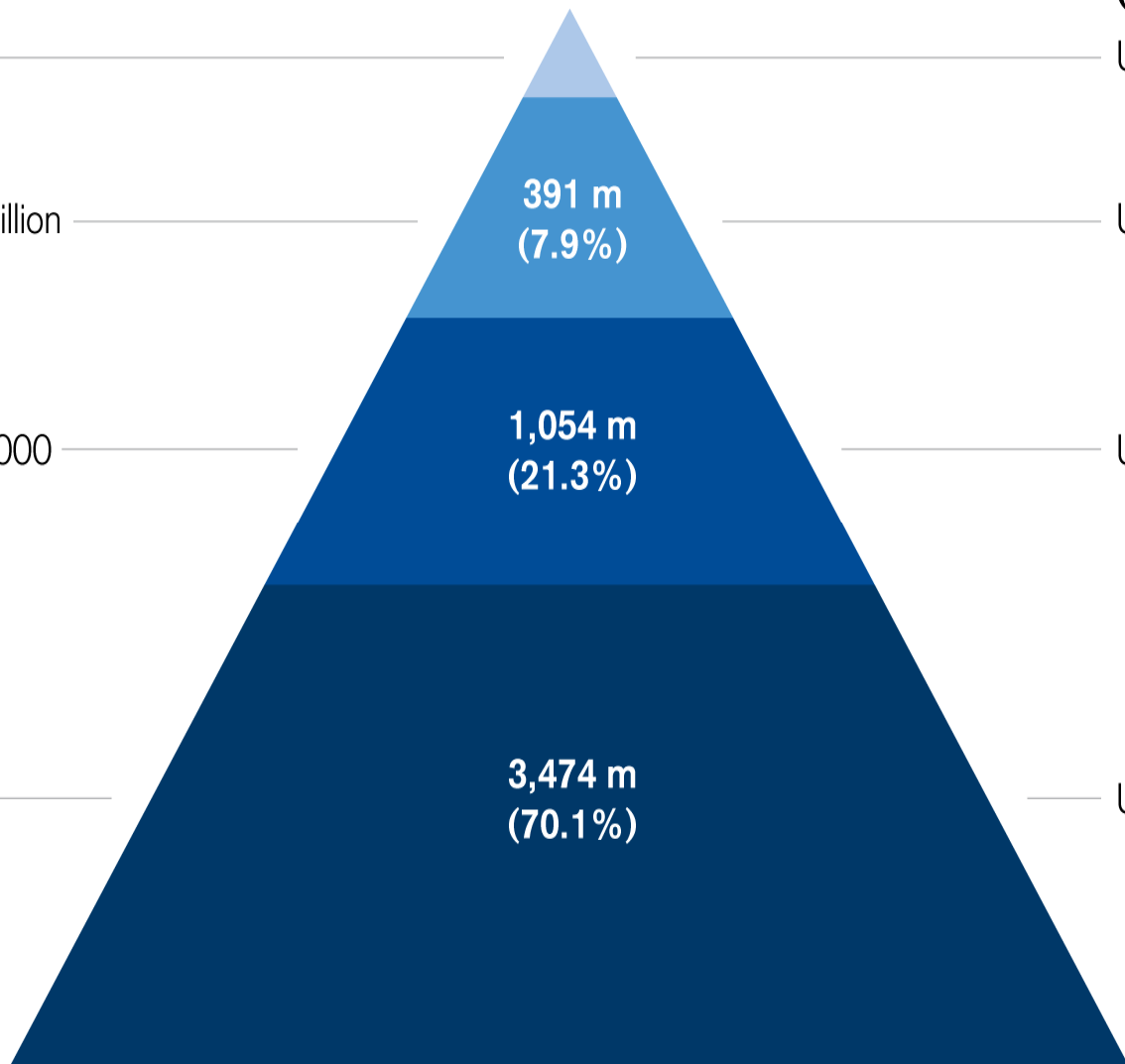
USD 128.7 trn (45.9%)

USD 111.4 trn (39.7%)

USD 32.5 trn (11.6%)

USD 7.6 trn (2.7%)

Number of adults (percent of world adults)



E 2

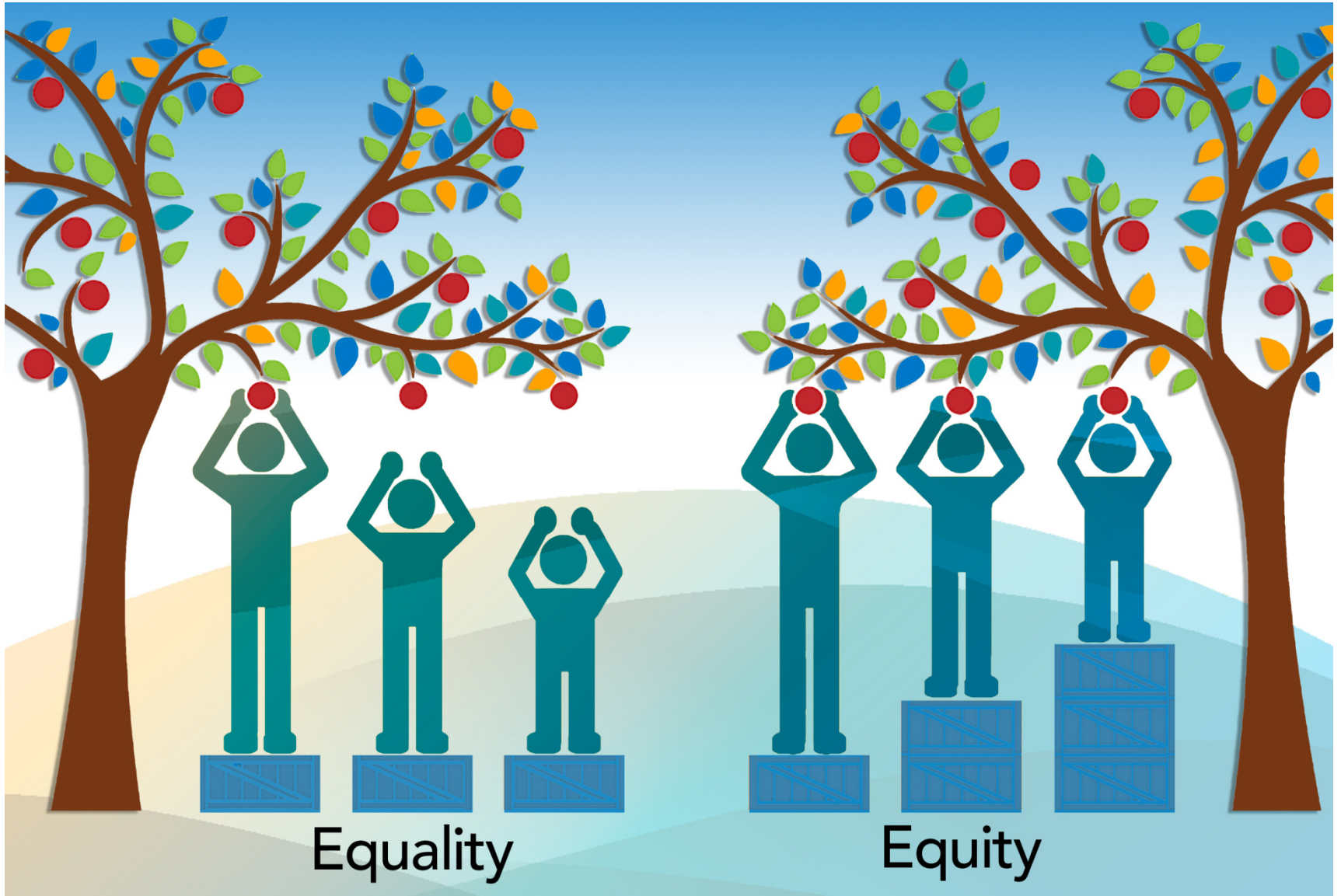
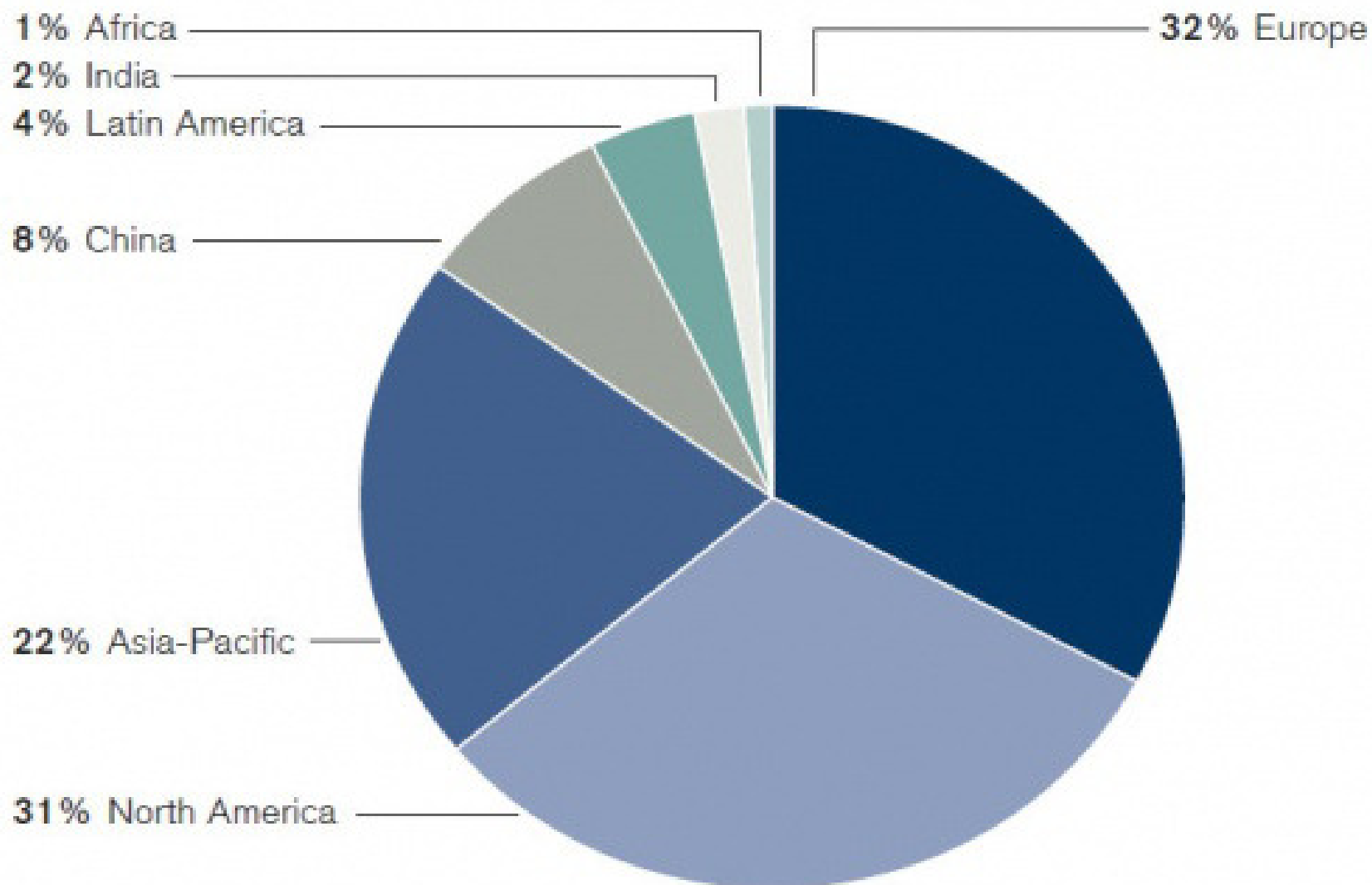


Figure 3

Wealth shares 2010 by region (%)

Source: Credit Suisse Global Wealth Databook, Shorrocks/Davies/Lluberias



World wealth levels

Wealth per adult (USD)

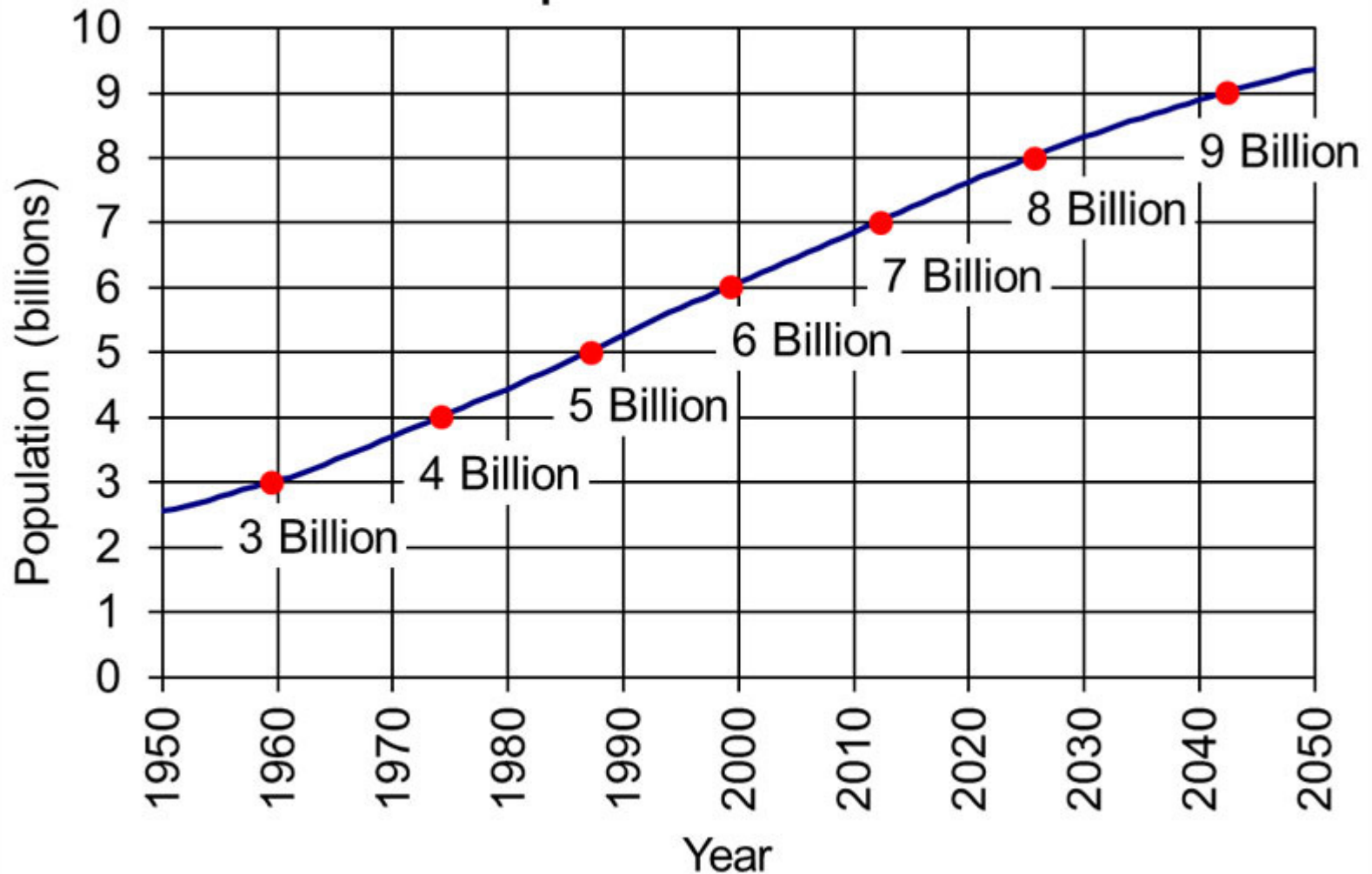
- Under USD 5,000
- USD 5,000 to 25,000
- USD 25,000 to 100,000
- Over USD 100,000
- No data

■ No data





World Population: 1950-2050



Source: U.S. Census Bureau, International Data Base, August 2016 Update.

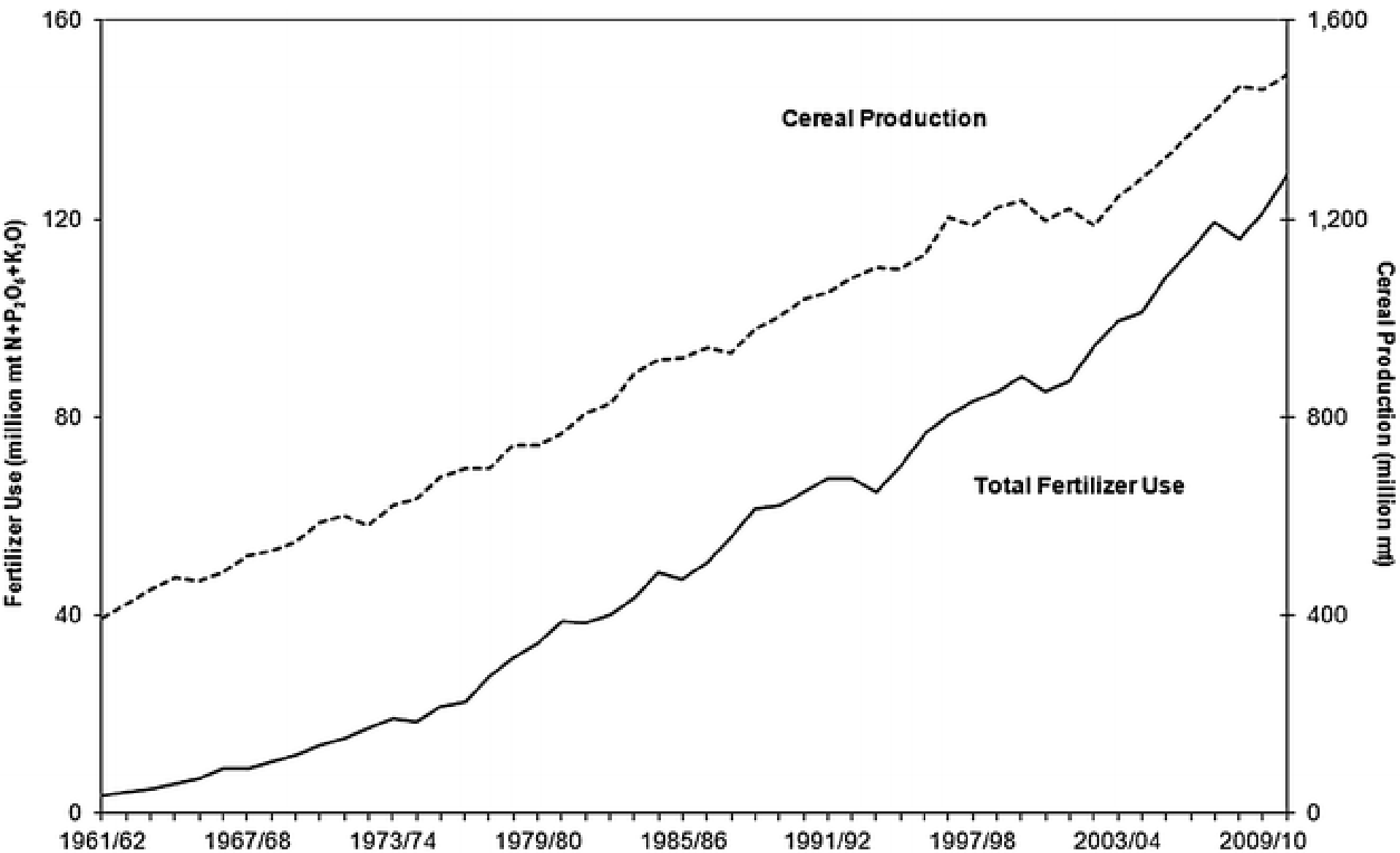
E 3

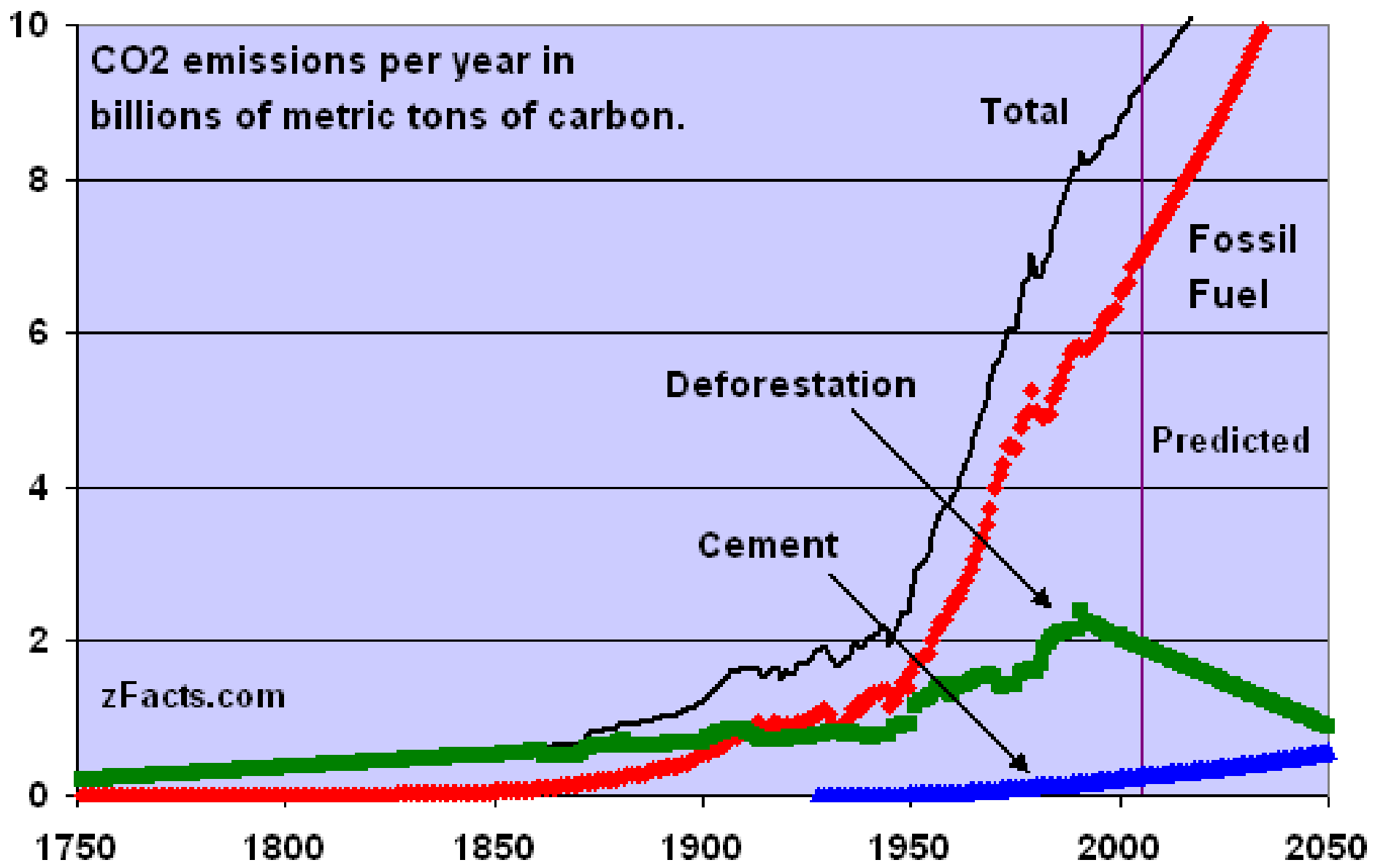


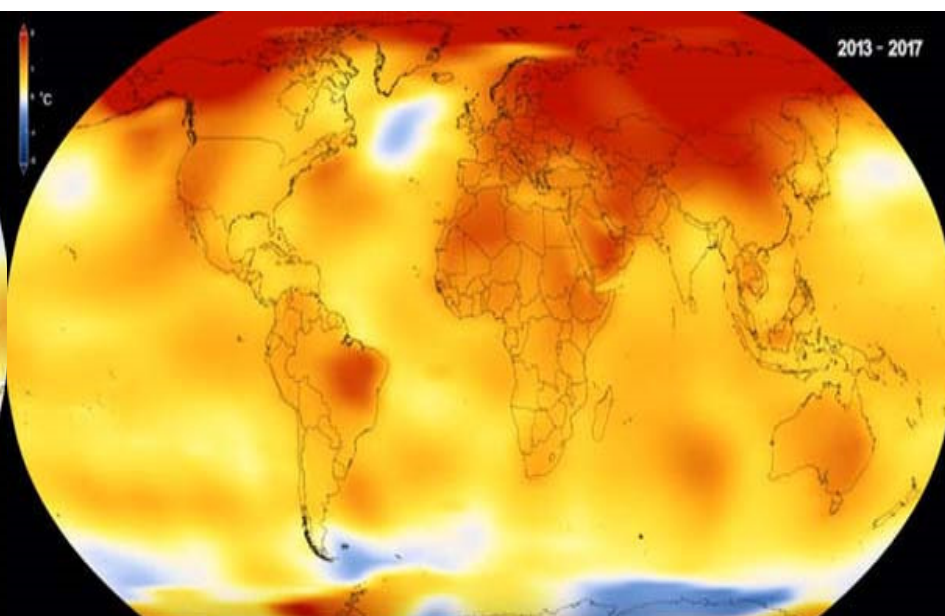
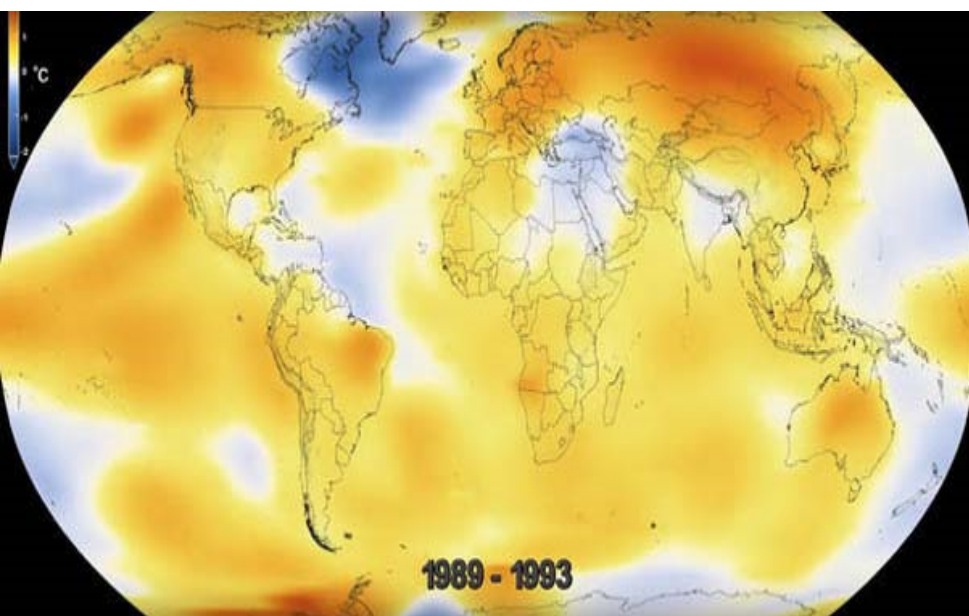
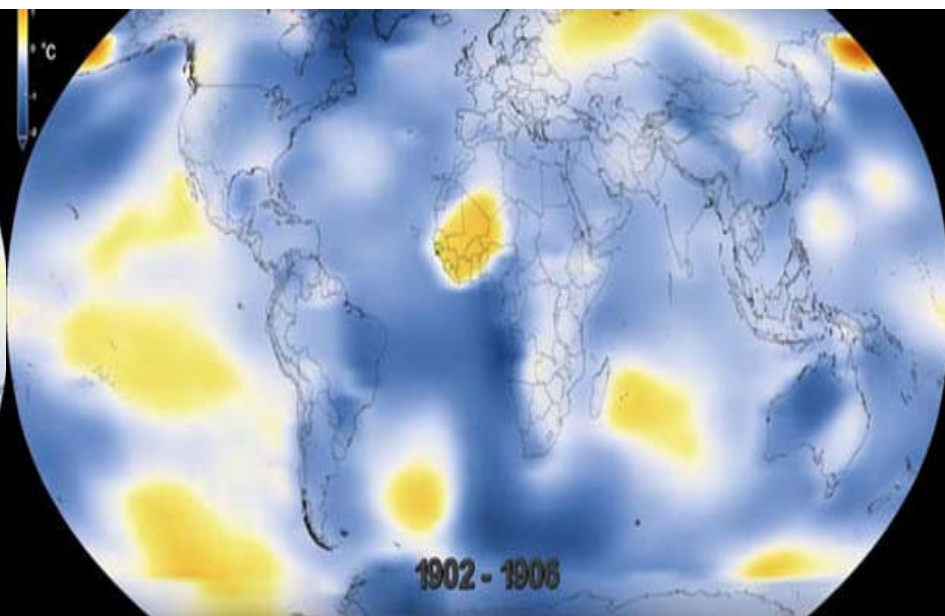
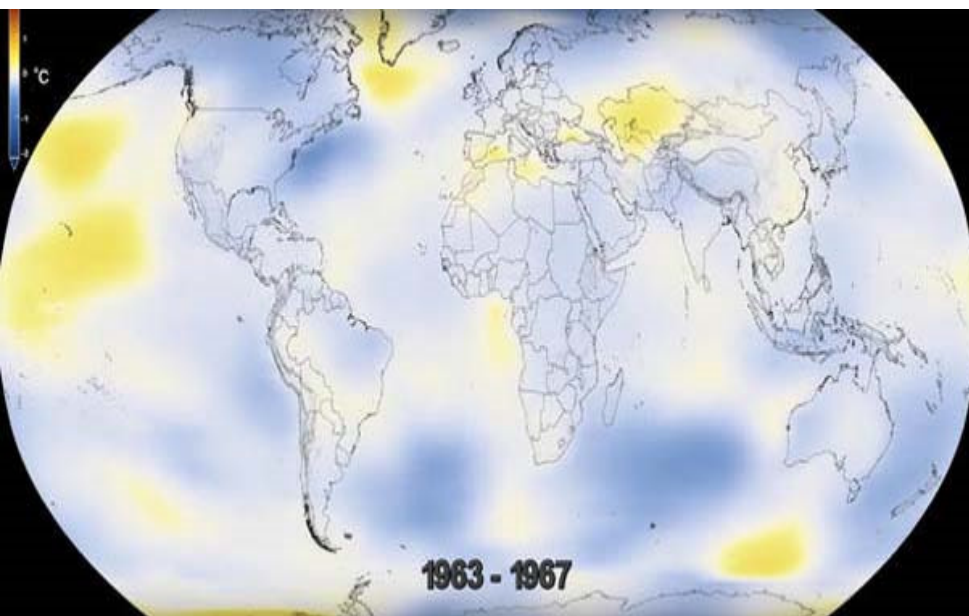
















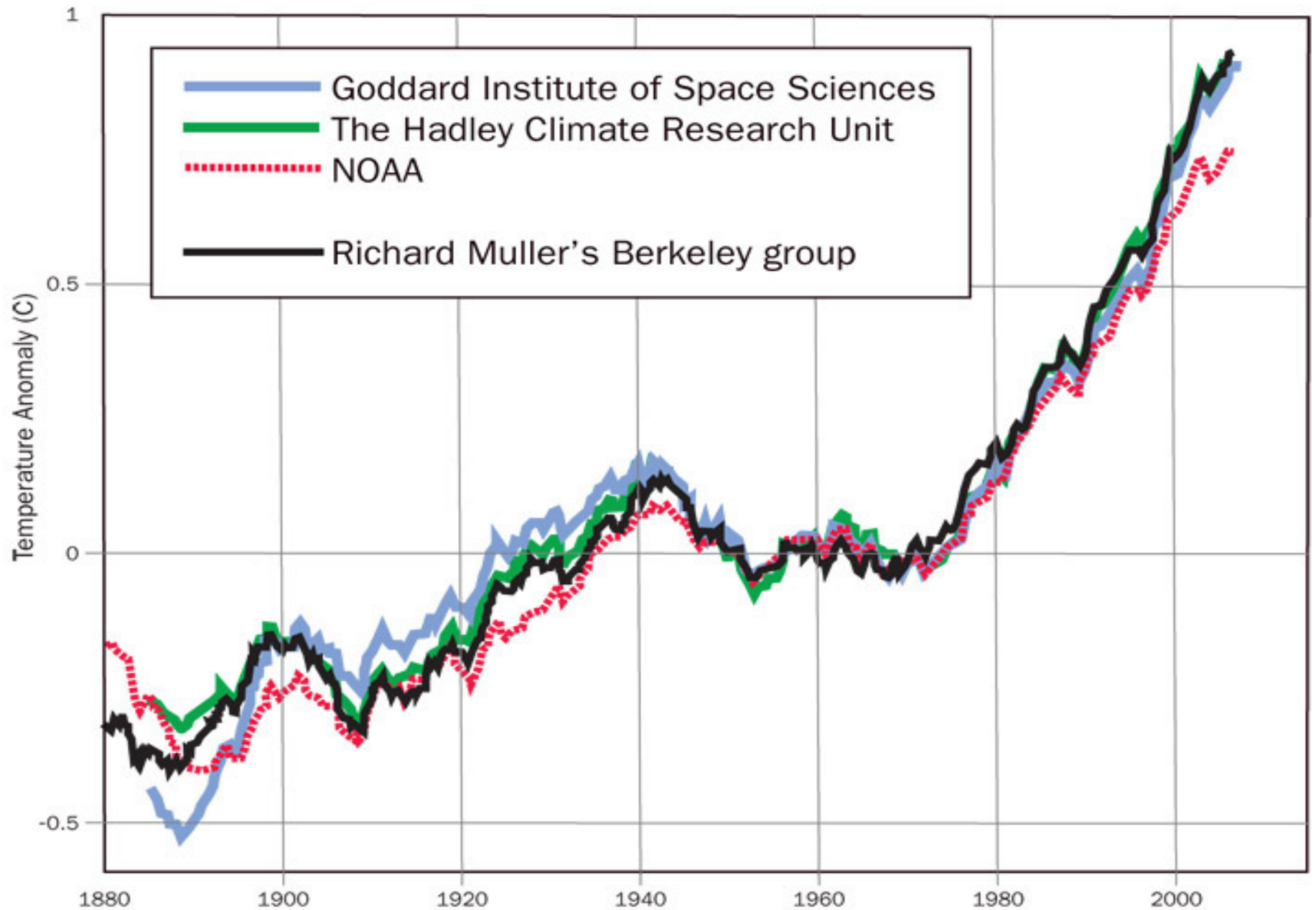


3/9/2014 17:39

Positive proof of global warming.



Temperature data obtained by three original sources contrasted with the data obtained by Richard Muller's Berkeley group





Global physical and economic water scarcity

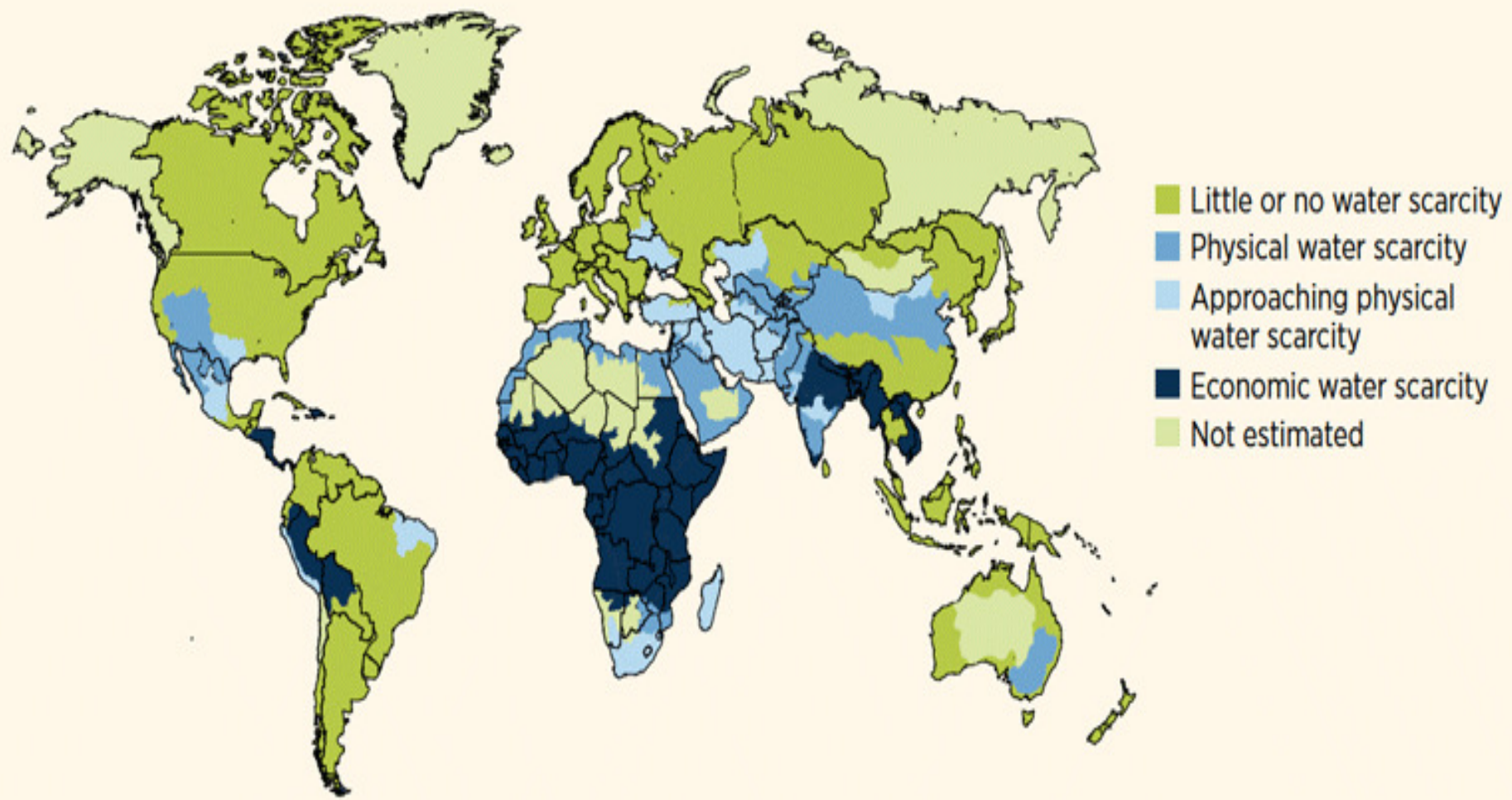
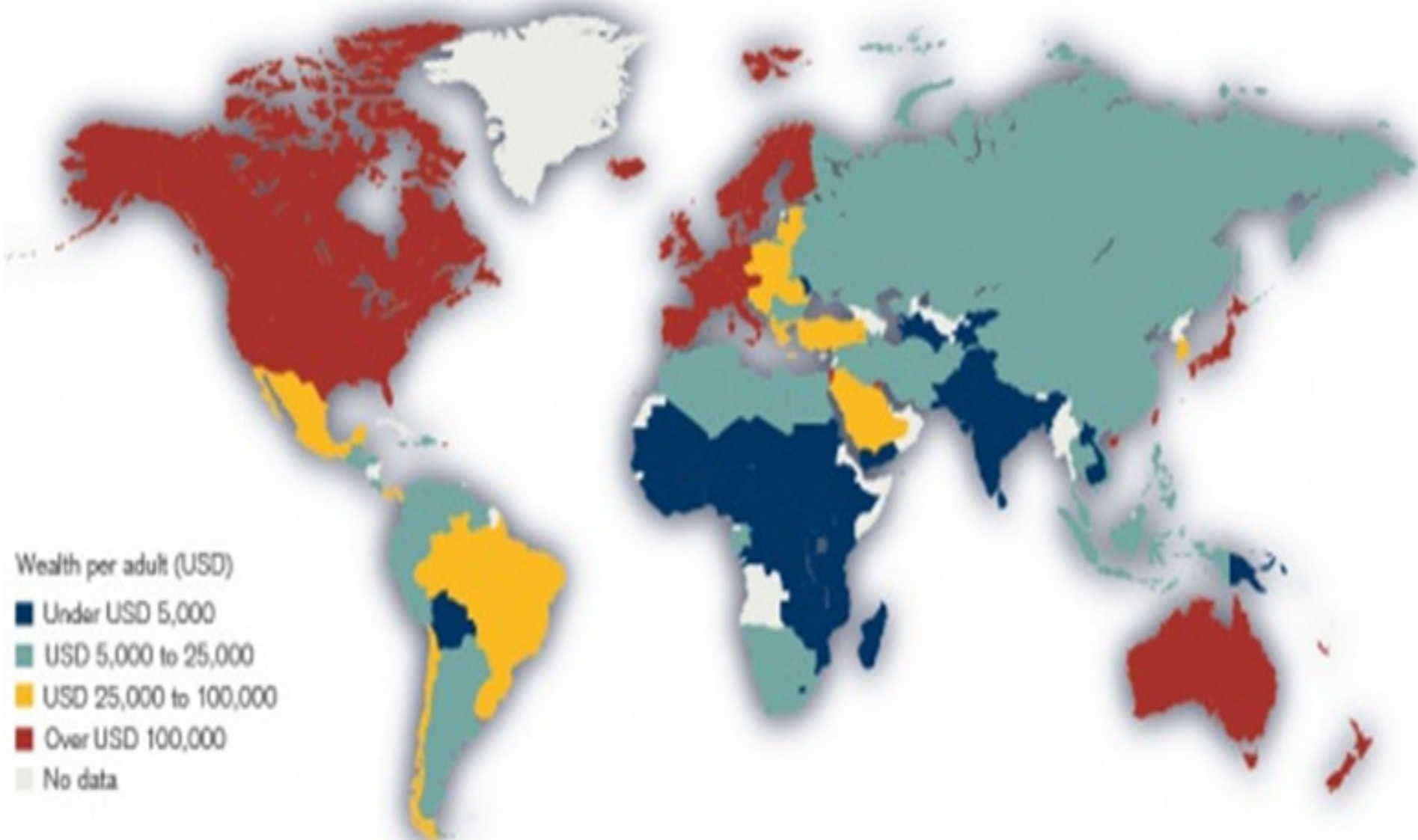
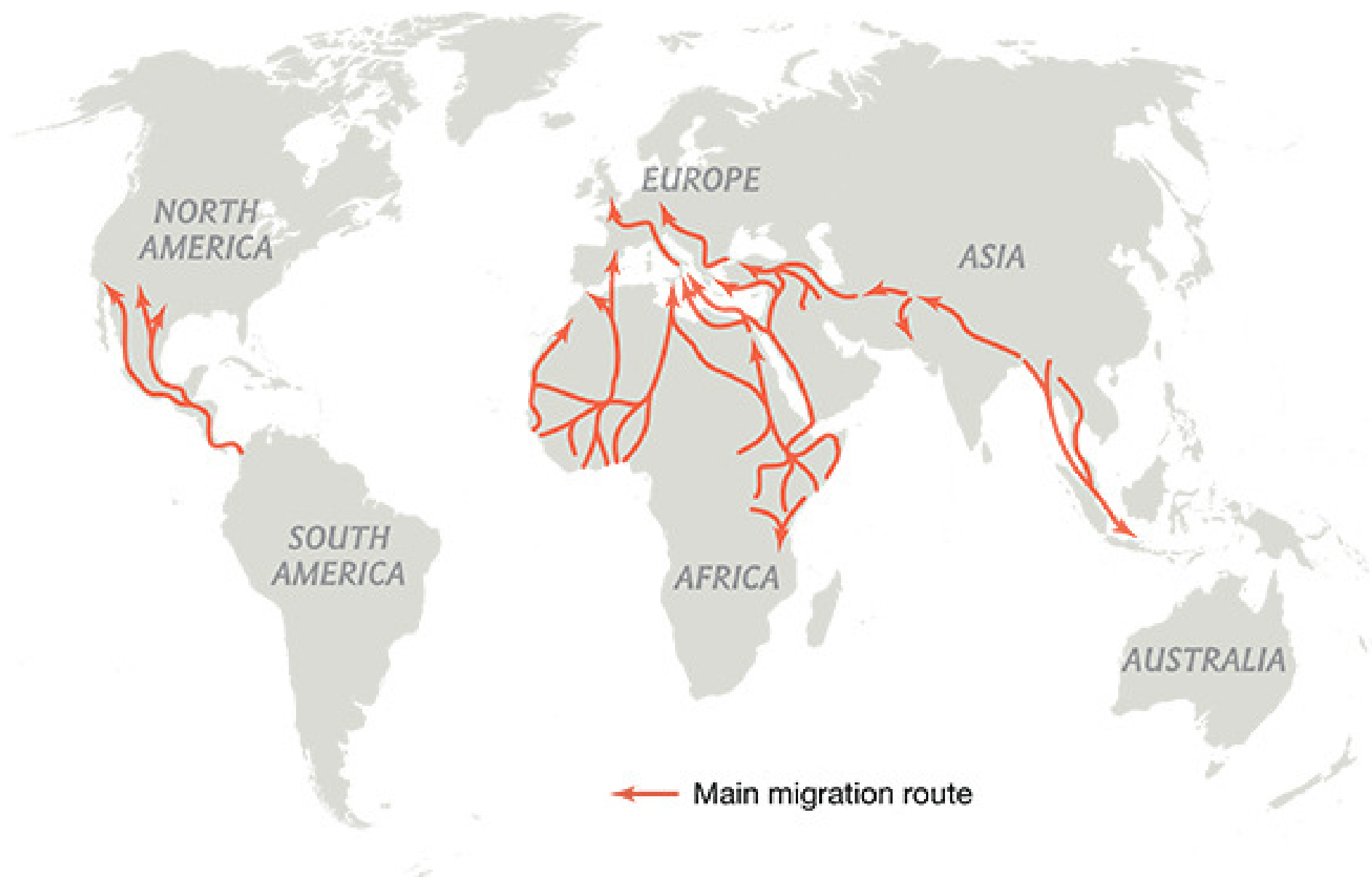


Figure 2

World wealth levels

Source: Credit Suisse Global Wealth Databook, Shorrocks/Davies/Luberas











Hungary, 2010



Experts say that soil pollution in China is mainly caused by wastewater discharges, accumulated industrial solid waste, pesticides, and excessive use of fertilizers.

Meander Plain

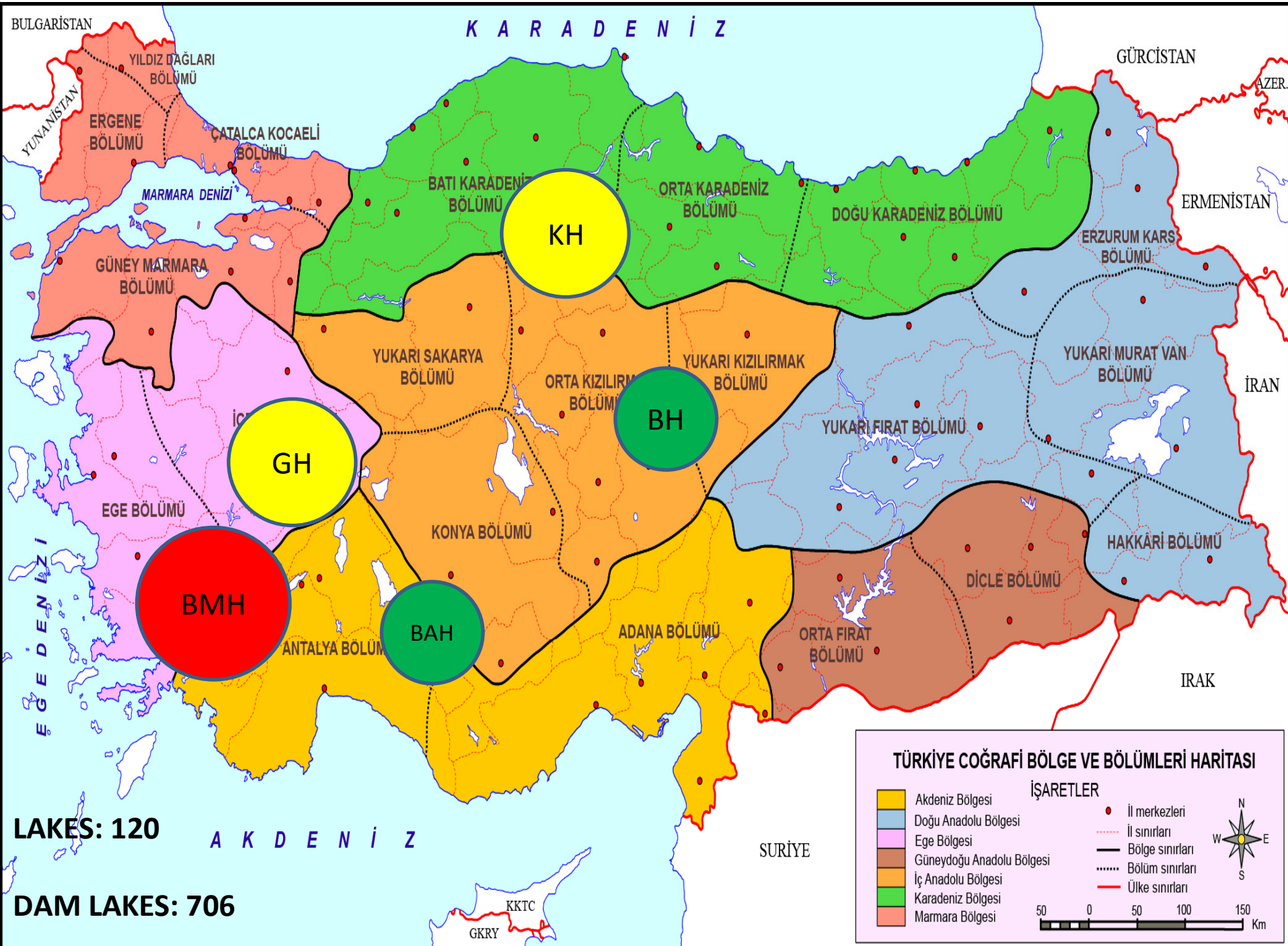


548 km long,
25.000 km² catchment area



2014-2016

Basin Name:	Meander River Basin						YSKYY Trofic Status			
Locality Code:	BMG_002									
Sampling point:	37° 35' 12,506"N - 27° 26' 43,503"E									
Province - Lake/Dam Lake Name:	Aydın-Azap Lake									
Parametre	Unit	I	II	III	IV	Mean	Oligo	Mezo	Eutro	Hiper
T. Nitrogen (TN)	µg/l	951	5000	4180	2670	3200	≤350	350>TN≥650	650>TN≥1200	>1200
T. Phosphorus (TP)	µg/l	177	299	80	110	167	≤10	10>TP≥30	30>TP≥100	>100
Chlorofill a (Chl-a)	µg/l	115,7	231,4	145,2	50,6	135,7	<3,5	3,5-9	9,1-25	>25
Secchi Disk	m	0,6	0,3	0,2	0,2	0,3	>4	4-2	1,9-1	<1



- **More than two billion people worldwide lack access to safe water and over 4.5 billion to adequate sanitation services, warned UN [Secretary-General António Guterres](#).**
- **By 2050 at least one in four people will live in a country where the lack of fresh water will be chronic or recurrent,**

Food	Unit	Water Foot Print(L)
APPLE /PEAR	1 KG	700
BANANA	1 KG	860
BEEF	1 KG	15 500
BROUN BREAD	1 KG	1 300
CHEESE	1 KG	5 000
CHICKEN	1 KG	3 900
CHOCOLATE	1 KG	24 000
COFFEE	1 cup = 125 ml	140
MILK	250 ml	250
TOMATO	1 KG	180



- **Whale dies after swallowing 80 plastic bags in Thai waters where marine biologist warns pollution is a 'huge problem'**
The small male pilot whale vomited bags as marine rescuers fought to save it as it clung to life. Sadly, it lost its fight for life yesterday with bags weighing 8 kg found inside it
By John Shammass
3rd June 2018, 9:39 am

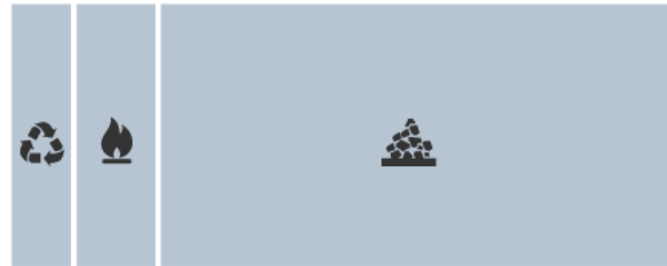


How much plastic is there?

An estimated **8.3bn tonnes**
of virgin plastic has been produced to date



As of 2015, approximately **6.3bn tonnes**
of plastic waste had been generated

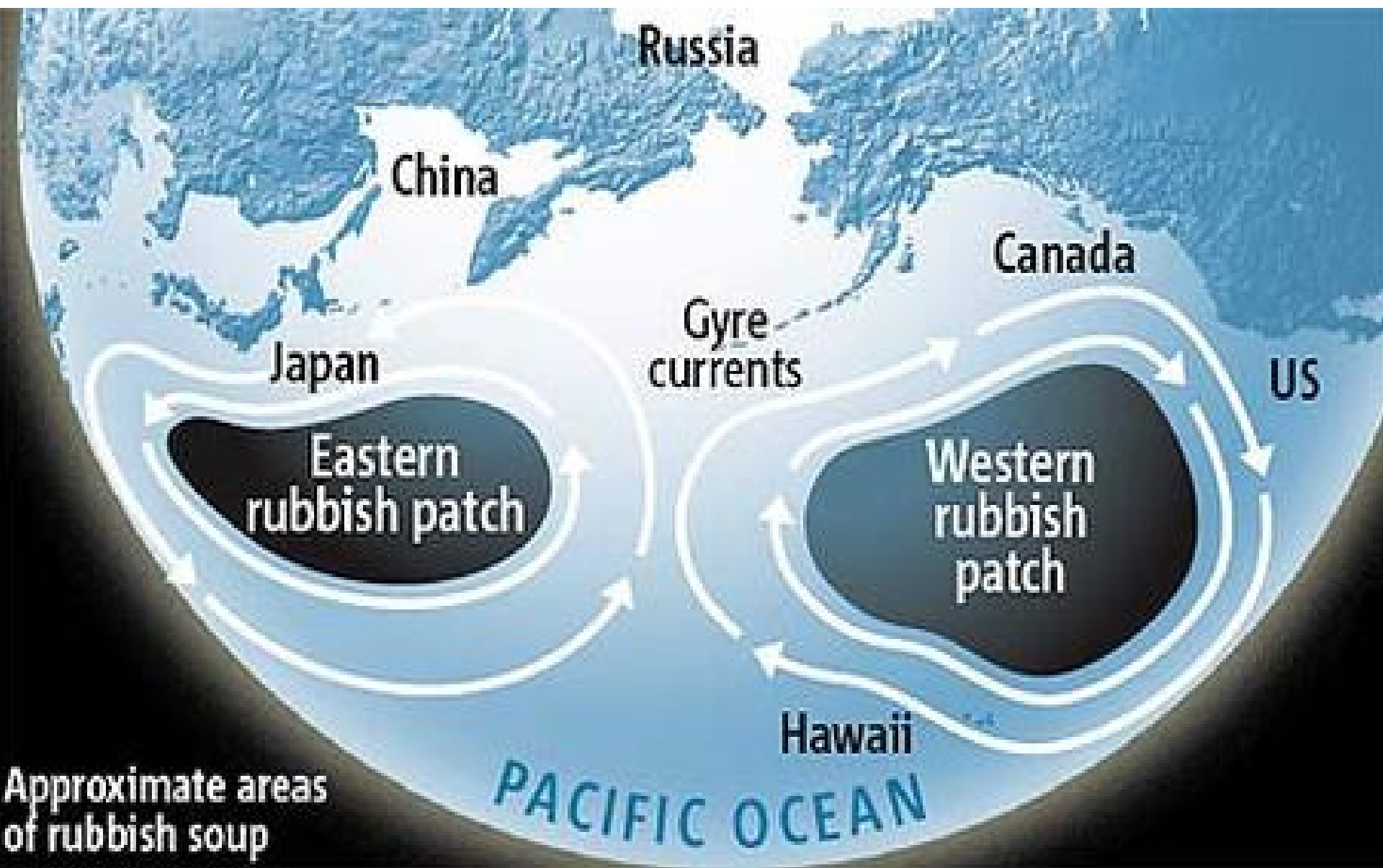


9% recycled

12% incinerated

79% accumulated
in landfills or the natural environment

If current production and waste management trends continue,
roughly **12bn tonnes** of plastic waste
will be in landfills or the natural environment by 2050.





HOW LONG UNTIL IT'S GONE?

Estimated decomposition rates of common marine debris items

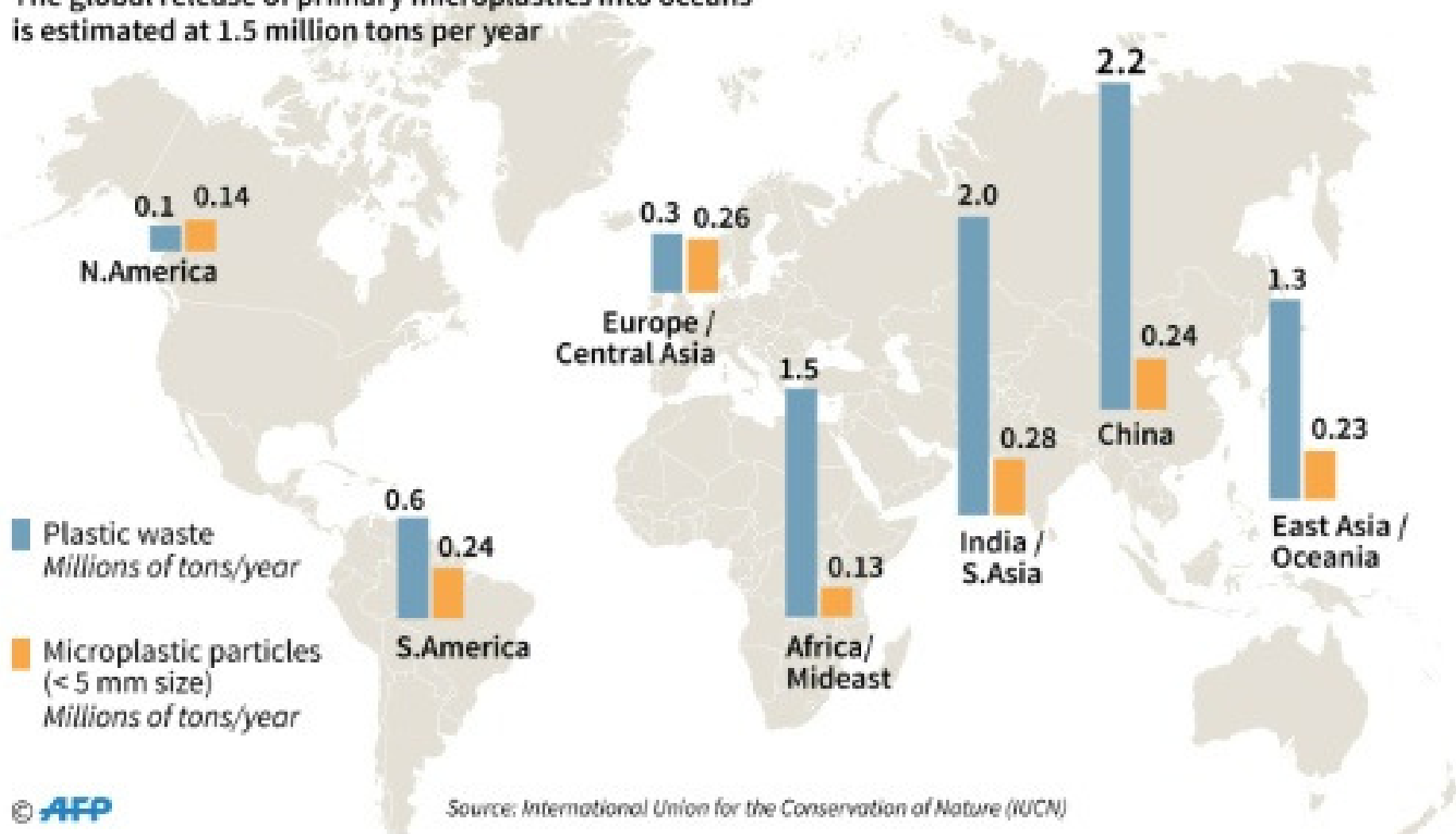


Estimated individual item timelines depend on product composition and environmental conditions.

Source: NOAA (National Oceanic and Atmospheric Administration), US / Woods Hole Sea Grant, US
Graphics: Oliver Lüde / Museum für Gestaltung Zürich, ZHdK

Plastic pollution released into the world's oceans

The global release of primary microplastics into oceans is estimated at 1.5 million tons per year



UK sends tons of household waste overseas to be sorted by kids paid £3.60 for 12 hours work. Source: Daily Mirror



LITTLE COMPENSATION BUT HOPEFULL

- EU plans; plastics will be forbidden by 2025
- *Some EU countries plan to ban diesel and petrol cars by 2030*
- *Caretta caretta* recovering and out of red list in mediterannea

An Example of Initiative

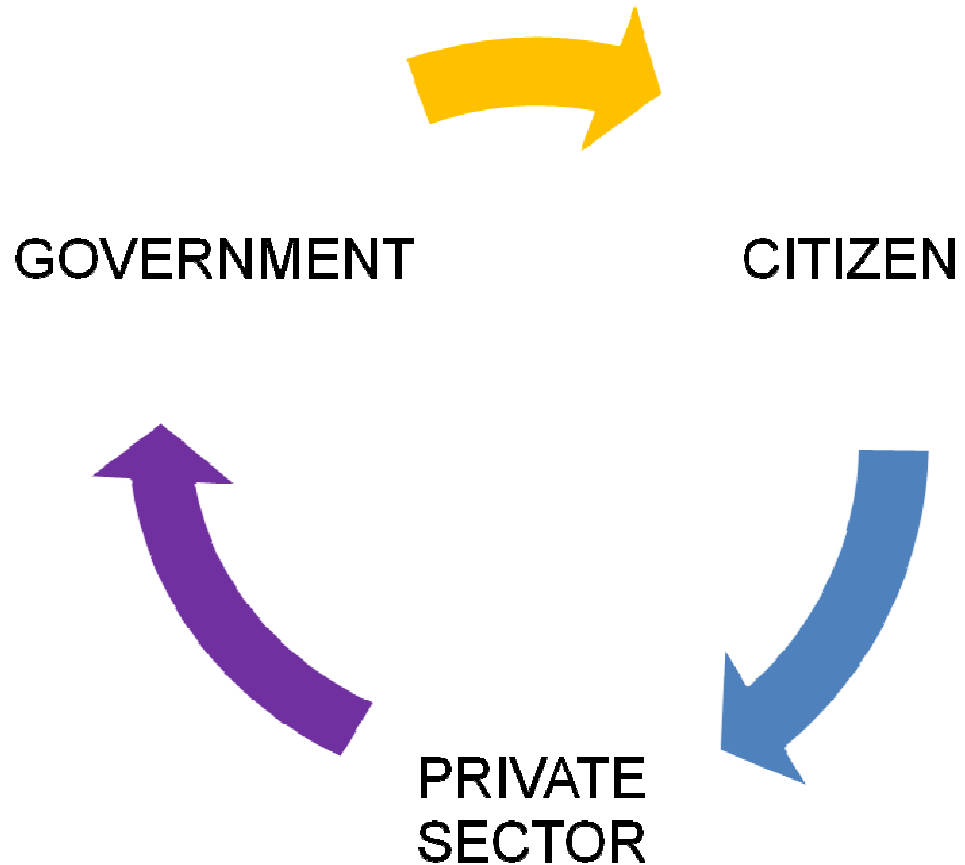
- In 2015, two residents of Mumbai, India's financial hub, started spending their weekends collecting the trash that had washed up along the city's Versova Beach. Two years later, their Saturday chore has turned into a movement that has inspired thousands to join their efforts. In 2017, the Versova Beach clean-up marked its 100th week. More than 7 million kilograms of plastic have now been collected.

This example demonstrates

- POLLUTION IS OVERWHELMING OUR LIVES
- WHEN PEOPLE ARE INSPIRED, THEY ACT
- However is it enough for our planet to be clean and healthy?

In Order to Meet UN ASSEMBLY's Commitments

- BNP Paribas supports smallholder projects for much-needed capital into sustainable development



Learning the lesson!!!!

- **We learn first at school and test later but in life;**
- **we get the test first and then learn the lesson.**
- So what we should do? First learn how to pollute then produce the solution?

Thank you all for listening