

Research Poster

Ecovillage Boekel

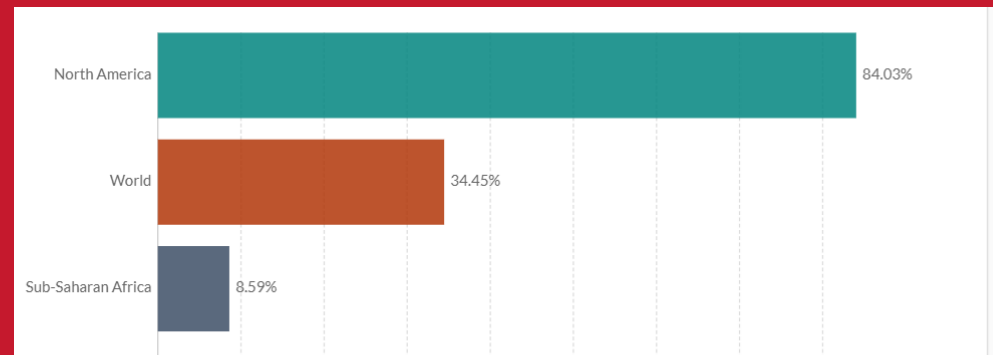
A research by: Nikita Andrianov, Luuk Geraats, Nguyen, Kate Popova, Aleksander Sopiotti, Danial Zarei, and Taurius Antanevičius



4 QUALITY EDUCATION



Only **34%** of the people on earth enrolled for the tertiary education.

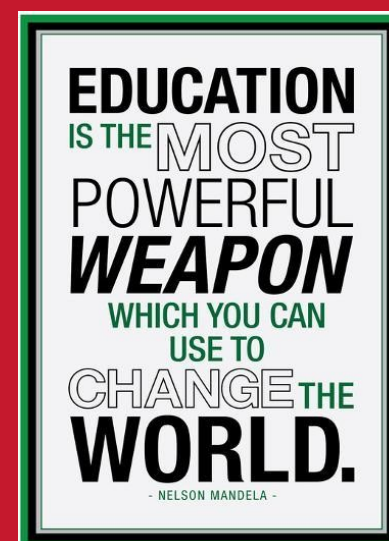


In Sub-Saharan Africa this number is **8.53%**! For instance, in North America it is **85.95%**

How to **IMPROVE**?



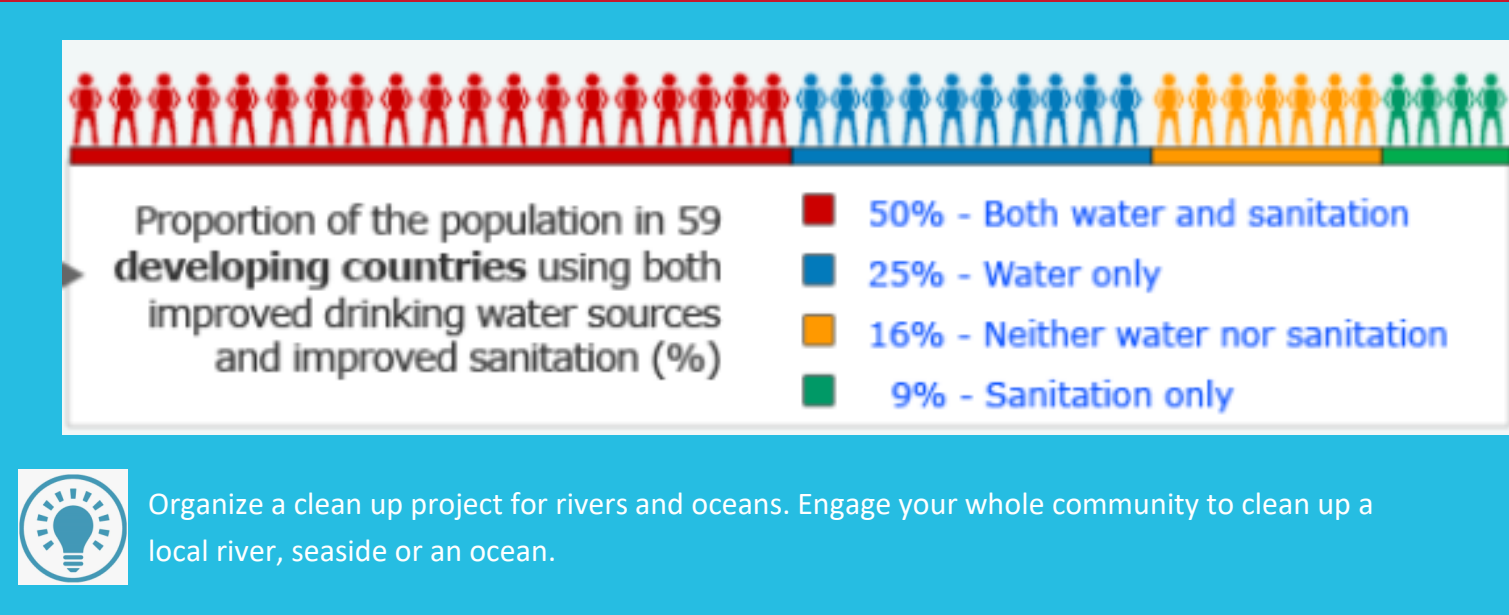
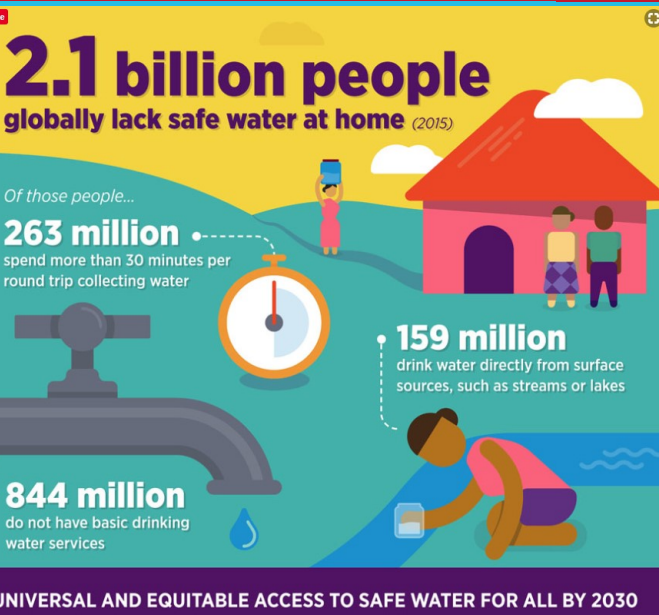
- ⇒ make the education affordable for EVERYONE.
- ⇒ automate the enrollment process using robots or websites (this way we prevent corruption)
- ⇒ quick and free education for people older than 30. This will stimulate the population getting education and the amount of literate population will grow again



The percentage (of the people on earth enrolled for the tertiary education in Sub-Saharan Africa) did not change **AT ALL** for the past 6 years (2008-2014)!

If we change the system and invest into education we might change the world to.

Because everything starts with **education**.



What to Do?

- Find a Goal 6 charity you want to support. Any donation, big or small, can make a difference! See <https://www.globalgoals.org/6-clean-water-and-sanitation/organisations>
- Don't overuse water. Make sure to close a tap when washing dishes, take short showers - Bathtubs require gallons more water than a 5-10 minute shower. Consider getting a water meter to be aware of your water usage.

6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



Right now:

- One in 7 people still lacks electricity, and most of them live in rural areas of the developing world.
- The bad energy sources will continue to affect climate change, which now produces around 60% of greenhouse gases.

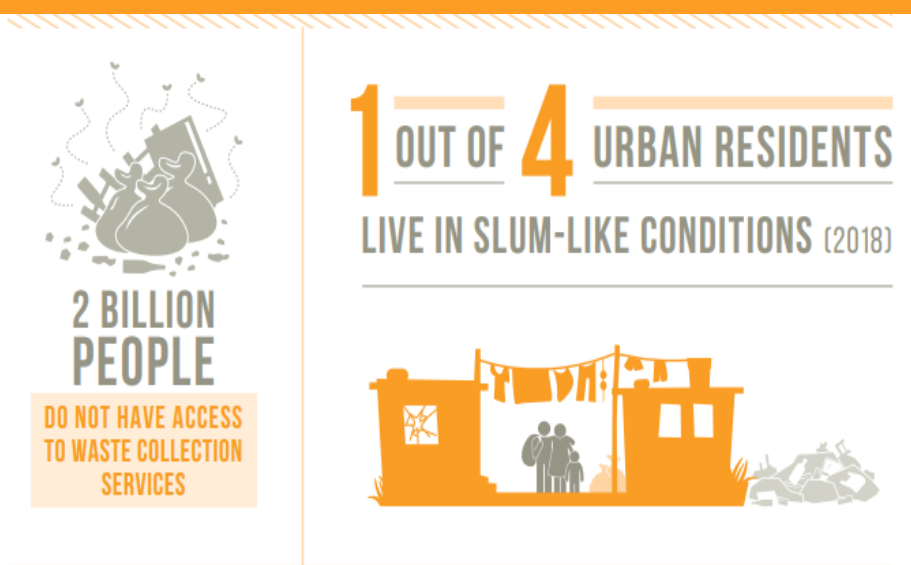
If we do something:

- More efficient energy standards could reduce building and industry electricity consumption by 14 percent.
- More power will be generating through renewable sources.

What you and your neighbors can do:

- Speak up! Ask local and national authorities to engage in initiatives that don't harm people or planet
- Stay informed by staying in touch with the Global Goals online
- Share the knowledge about sustainability
- Take responsible actions towards SDGs
- And remember that together we are stronger
- Poverty rate will decrease
- More safe and green public space

Change the **HABIT**, especially the way we use energy. For example, stop rely on polluting and unhealthy fuels for cooking.



If we do **nothing**:

- There will be Less safe, inclusive and accessible public spaces
- Poverty rate will be increased
- People won't be able to afford basic services such as healthcare and housing
- More air and noise pollution

If we do **something**:

- There will be increase in safe and affordable housing
- We will be able to stop global warming
- There will be reduction of environmental impact of the cities
- Poverty rate will decrease

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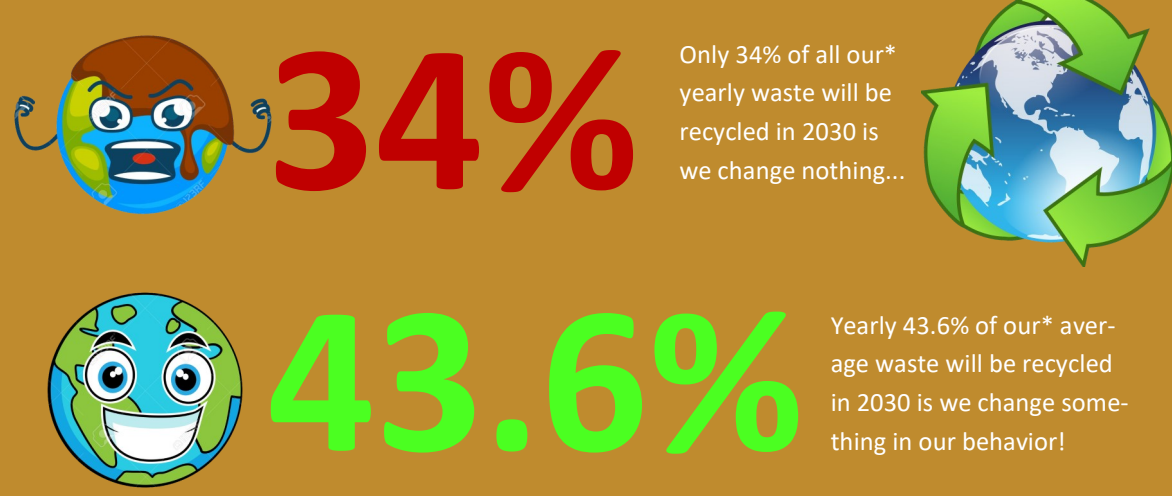
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11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



CHANGE!

What can people change in their behavior to reach the 43.6% yearly recycle rate:

- Use <https://www.recyclenow.com/> to check which household products you can easily recycle, how to recycle and where to recycle.
- Be creative! Find a new purpose for your (plastic) waste. [This website](#) can be used as inspiration!
- Separate your waste! Companies who gather your waste can now easier recycle your paper, plastic and bulky waste! They will take care of the recycling, you only have to separate!

In 2030 our* average domestic consumption will be

16.5%

So, 16.5% of all our* average consumption will be products that are domestic.

This number **IS TOO LOW!**

We* still import and to much from and to other countries. But because of population growth this is necessary...

CHANGE!

You can change by buying more food by local farmers, products that are from your own country and try to grow your own vegetables.



YOU CAN'T BUY HAPPINESS, BUT YOU CAN BUY LOCAL AND THAT'S KIND OF THE SAME THING.



The CO2 levels in atmosphere are the highest they have been.



Increased Global Temperature

+1°C since 1980.

Increased Sea levels.

Melting Ice caps.

Paris Agreement

The only agreement where 185 countries have signed to complete the goals by the year 2030.

The Goals:

- Keep the increased Temperature below 2°C
- Lower greenhouse gas emissions by at least 40% by 2030 compared to 1990.

Are those requirements meet?

NO!

What can we do?

Pressure the government to make actual changes.



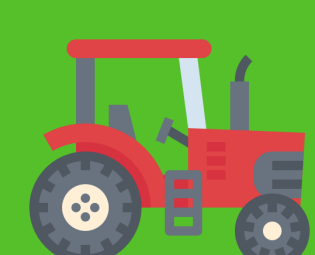
What can the gov. do?

- Invest more in green energy, on innovative projects on the green technology.

13 CLIMATE ACTION



15 LIFE ON LAND



Forests cover only 18.3% of total land on Earth in 2017 and its constantly shrinking worldwide. Once forests used to dominate the land coverage and not without a reason, it has many benefits like serving homes to many animals, CO2 reduction, etc. However, the forest land constantly reduces together with growth of agriculture.

22.1%

18.3%



22.1% of all land on Earth is used by Agriculture in 2017 and that is more the total forest land. How much more land we will use if we do not think about alternative agriculture?

~28%

over the last 15 years around the world. This results in increasing environmental

Agriculture not only takes up a significant amount of space, but also usually pollutes the environment by using the fertilizers and pesticides.



We all could change the way we do agriculture. There are few ways to use less land, manifesting in more free land for forests and nature. Also fertilizers and pesticides usage can be minimized in order to stop polluting the environment, without necessarily losing higher yields.



It's possible to use permaculture principles, that allow farmers to grow high yields of various food within smaller areas. The nature and local eco systems play an important role for this type of agriculture, however, it is beneficial to both nature and people. Some already started to implement it as a commerce, which is an efficient way to spread the new way of agriculture!

