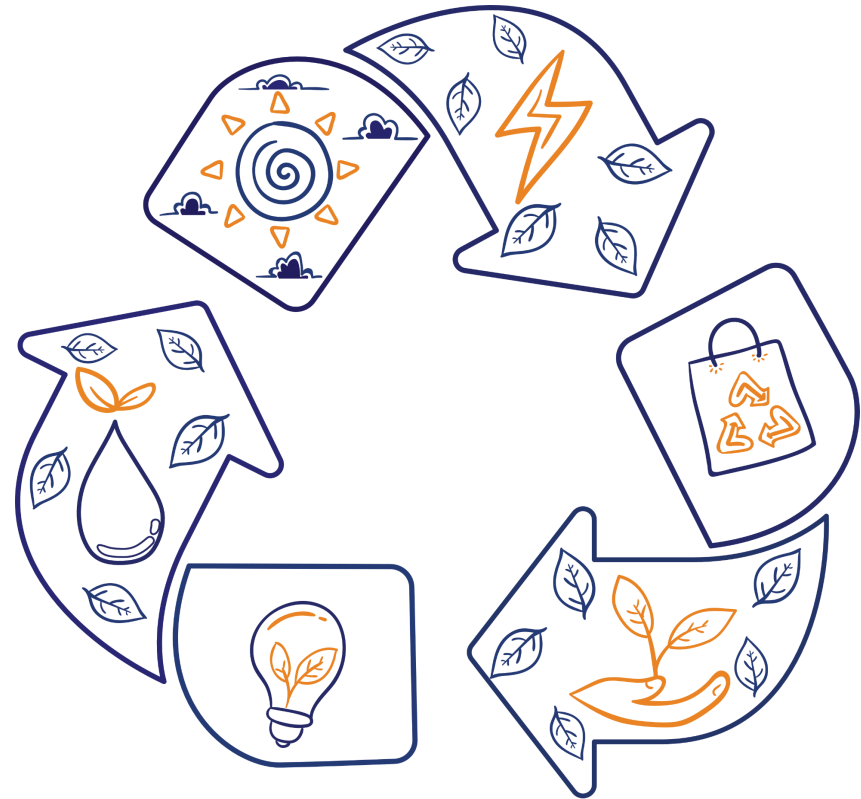# evicertia
A **Namirial** Company

THE ROAD TO PAPERLESS CULTURE

Learn about our sustainability policy and some recommendations to follow

What have we achieved in 2021 thanks to our sustainability policy?

Carrying out a count of electronic signatures and certified evidence generated in 2021, thanks to our sustainability policy, we have avoided the expense of 2,419,191,293 sheets of paper, and this is equivalent to:

WE SAVED **5,760** TONS OF **PAPER**

A person uses approximately 60 kilos of paper and cardboard per year in the office. In Evicertia we saved 5,760,000 kilos of paper, which is equivalent to the use of paper by 96,000 people in one year.

In 2021, 415 million tons of paper were consumed worldwide.

In a single year, around **115 trillions** sheets of paper are consumed in offices around the world. Of this amount, it is estimated that around 40% of the paper is wasted.

These figures are decreasing, but not enough because many companies still don't make any effort to reduce the amount of paper they use...

But it's time to change and start collaborating with sustainability both in the office and at home!

WE SAVED
201,599 TREES

There are 2,857 trees in a hectare. In Evicertia we saved 201,599 trees, therefore we have saved 70 hectares full of trees.

Globally, **15.3 million trees are felled each year of the 3 trillion trees** on the entire surface of the planet, this is 42 million trees felled per day.

In 2021, deforestation has devastated and **43 million** hectares of trees were cut down worldwide, an area equivalent to California. Faced with this loss of biodiversity, one of the UN (United Nations) leaders calls for *"tangible and credible actions on the ground"* to put an end to *"unsustainable consumption habits and production methods".* He also recalls that *"the health of forests is essential for people and the planet".*

WE SAVED
1,866,233,283
LITERS OF **WATER**

According to official data, each person uses an average of 142 liters of water daily. A family of 4 people spends approximately 680 liters of water per day and 4,760 liters per week. In Evicertia we saved 1,866,233,283 liters of water, which is equivalent to the water consumption of 13,142,488 people during a day.

The figure for global water consumption is **2,162,300 million cubic meters per year.**

The World Health Organization ensures that a person requires a maximum of 100 liters of water per day to meet their needs, both for consumption and hygiene, this is equivalent to 5 or 6 large buckets of water. Therefore, these data show that we abuse water consumption.
Some studies claim that if water consumption continues like this, in 2050 half of the planet's inhabitants won't have access to potable water.
Remember that our planet is made up of **70% water** and only 30% land. Of this figure, **97.5% of the water is salty and only 2.5% is fresh water** (35 million cubic kilometers).

WE AVOIDED THE USE
OF **121** TONS OF
**CHLORINE DIOXIDE
(CIO2)**

15.21 liters of chlorine concentrate are needed in an 8,000 liter tank to obtain 100 ppm* of free chlorine, 100 ppm of chlorine to disinfect dishes, glasses, spoons..., 200 ppm of chlorine to disinfect equipment, 200 ppm for disinfection of floors and walls, 250 ppm of chlorine for disinfection of porous surfaces.

(*) ppm (parts per million)

For the paper to remain immaculate white, **the paper industry is the third largest buyer of chlorine dioxide bleach**, which is highly polluting, in addition to generating dioxin that is carcinogenic, mutagenic and teratogenic.
During the COVID-19 pandemic, sanitation with chlorinated products in domestic wastewater, potable water, and surface water has increased, representing a **risk to human and environmental health.**

In addition, the increased use of CIO2, along with other pharmaceuticals and disinfecting agents, poses a serious threat to **aquatic systems** and to human and animal health.

WE SAVED **48,383,825** OF **KW/HOUR**

The average annual consumption of electricity per household is 3,487 kWh, that is, the average monthly consumption is 291 kWh for each dwelling. In Evicertia we saved 48,383,825 kWh, which is equivalent to spending 13,875 homes in one year.

An amount of energy of approximately **85 trillions kilowatt hours is consumed annually** in the world.

Some of the **consequences** of fossil energy consumption are many: depletion of resources, supply difficulties, energy dependence and environmental pollution... And today, we abuse consumption worldwide.
Other consequences of the abuse of electricity consumption is the depletion of non-renewable energies, negative impacts on the environment, insecurity of energy supply.

The production and use of energy are the main cause, along with transport, **of greenhouse gas emissions**, these gasses are responsible for **climate change**. Remember that climate change affects us all and the mortality rate is increasing more and more.

What are we doing at Evicertia to collaborate with sustainability?

- We are responsible with the consumption of water, regulating the intensity at the time of use, in this way we avoid wasting water.
- We opt for teleworking most days avoiding the use of the car. The days we come to the office we try to make the maximum possible use of public transport or bicycle to avoid contamination.
- We always make sure that the air conditioning or heaters aren't turned on if they are not necessary, in this way we save energy.
- Before leaving, we check that no device (computers, laptops or tablets) is plugged in, as this consumes energy even if we aren't using them.
- In the office we have containers to recycle, in this way we collaborate with the sustainability of the environment.
- We turn off unnecessary lights and make sure nothing is left on before we leave so we don't waste energy.
- In the office kitchen we have crockery, so glasses, plates and cutlery can be reused for a long period of time avoiding the use of plastic.
- We work with computers, laptops and tablets all the time to avoid the use of paper.
- We avoid printing unnecessary documents.

What can we do on a personal level?

Some tips to save the planet:

- Recycle! Having several recycling containers at home or in the office is a good step to start collaborating with the environment; organic, paper, cardboard, plastic and glass.
- There are companies dedicated to the cardboard and paper recycling service, if you use a lot of cardboard or paper at home or in the company, you can contact one of these companies to collaborate with recycling.
- Reduce the use of paper at home, today we have many digital means to study and work that make it easier for us to dispense with paper. In case paper is a must for you… You can use recycled paper!
- Make use of the containers or clean points to get rid of batteries, toner, batteries, electronic devices or medicines, in this way you will avoid contamination.
- Car sharing, making routes between several people with the same car, the use of public transport or cycling will help reduce carbon dioxide emissions.
- Avoid the use of plastic. UN statistics indicate that plastic is one of the most harmful materials for the environment. On average, some 8 million tons end up in the ocean each year, endangering the lives of entire ecosystems.
- Turn off devices when you aren't using them (mobile phones, computers, tablets…) This small measure can make a big difference when it comes to saving energy.
- Unplug devices, equipment that is turned off, but still connected to the current, consumes energy, so it is important that you unplug them.
- When it's time to change your appliances, it's a good idea to contact a recycling company to make sure it's removed and recycled correctly. Electrical appliances contain substances that are very toxic to the environment.

Data to understand why it is so important to take care of the environment.

Some reasons why sustainability and the environment are so important:

- If we don't reduce greenhouse gas emissions, by 2040 we will experience the worst effects of climate change.
- In the year 2050, 9.6 trillion people will inhabit the planet.
- Today, 50% more natural resources are used than 30 years ago.
- Less than 5% of plastic bags are recycled each year.
- If everyone lived like a European, we would need 2.7 planets to meet the demand for natural resources. This data shows that we are living above the limits of the planet.
- If we don´t take care of our planet, we will lose biodiversity and that implies breaking with natural and vital cycles, such as pollination.
- Another very important point is food chains, since if we don´t take care of the environment they will lose their balance, causing an overpopulation of species that will harm humanity in the future.
- A sick ecosystem means more diseases for the living beings that live in it. Air pollution, which causes 8.7 million premature deaths each year globally, is one example. As stated by the World Health Organization: *"A healthy and well-cared for environment means a healthy life for human beings."*
- A well-preserved ecosystem helps us reduce the negative effects of climate change and better adapt to them.
- Do you know what is the most common garbage in the sea? Cigarettes and plastic bags.
- That animals consume plastic causes that there are more and more species in danger of extinction and that the human being itself is contaminated, since we feed on those animals that have consumed plastic.
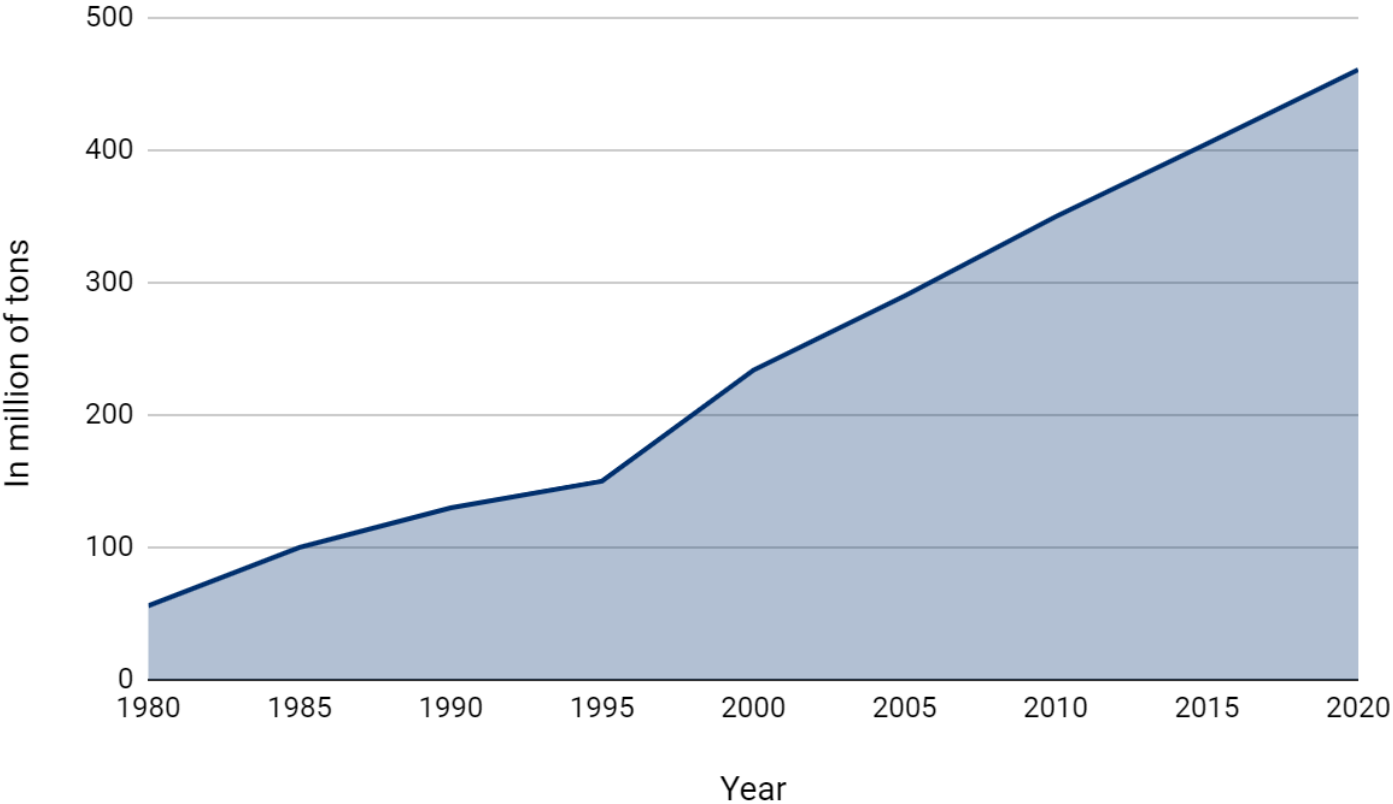
Interesting graphs:

How long do these objects last? The exact time varies depending on the type of product and environmental conditions.

This graph shows the estimated time to biodegrade:
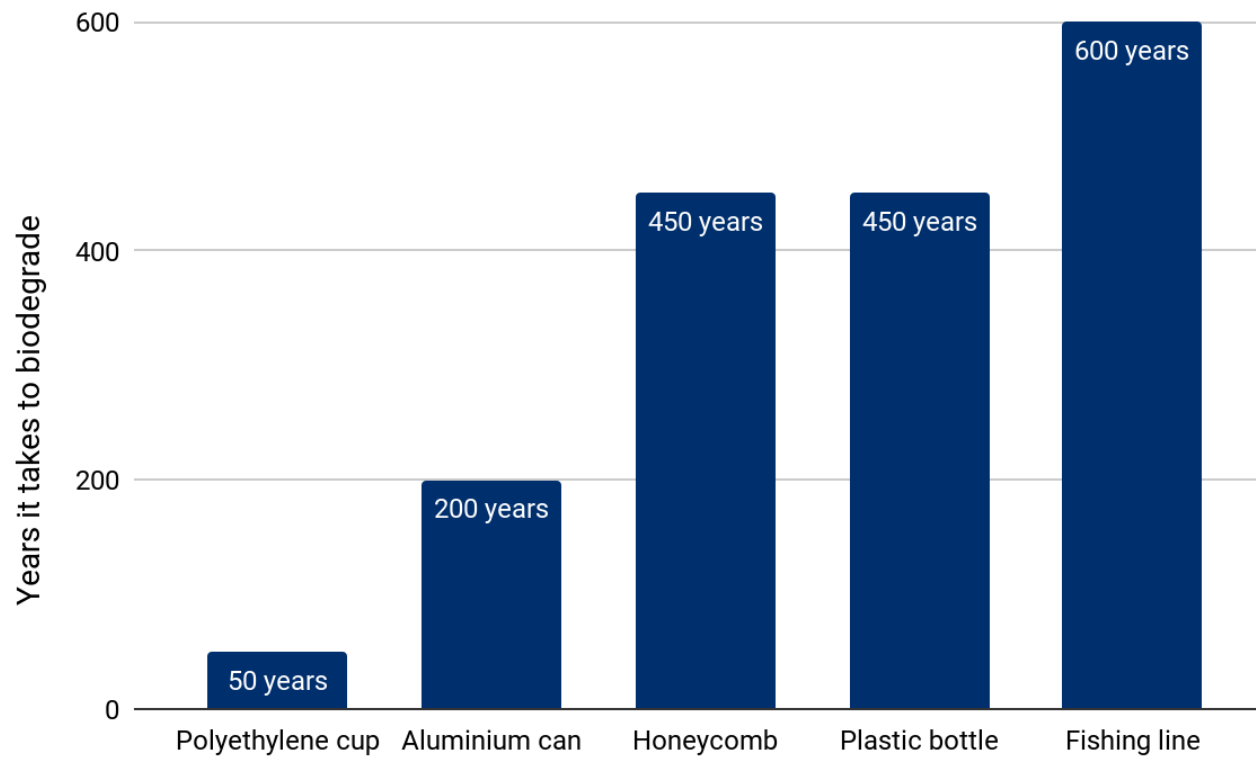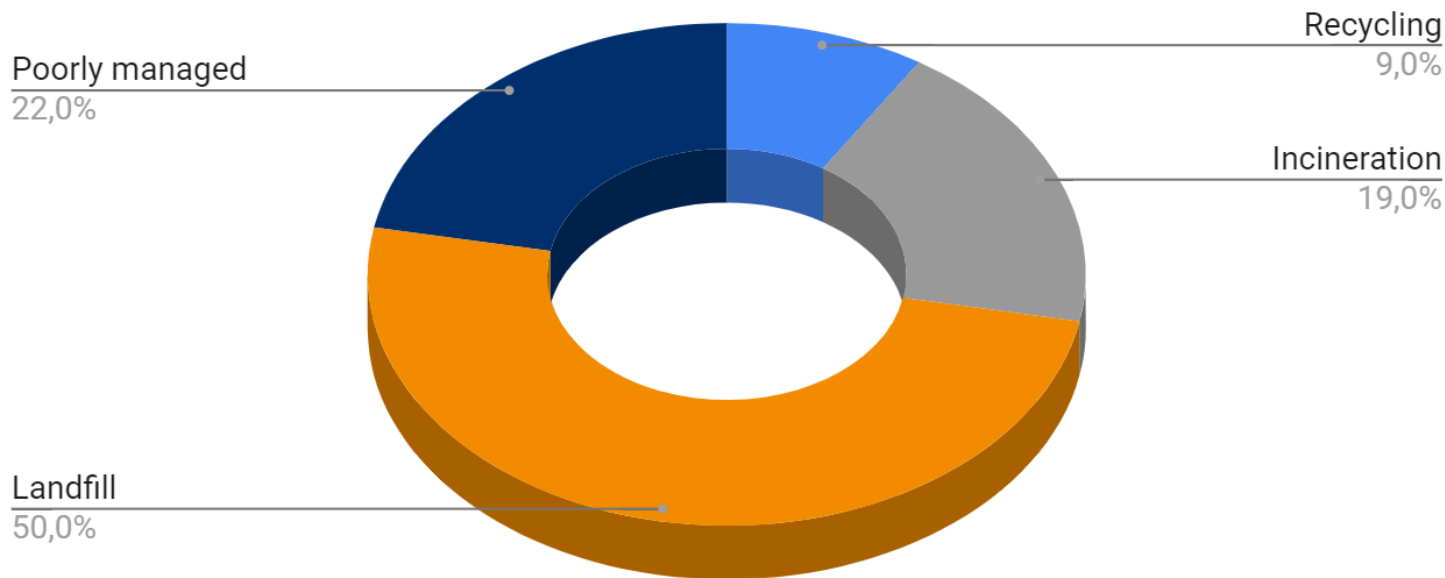

Data source: NCAA / Woods Hole Sea Grant

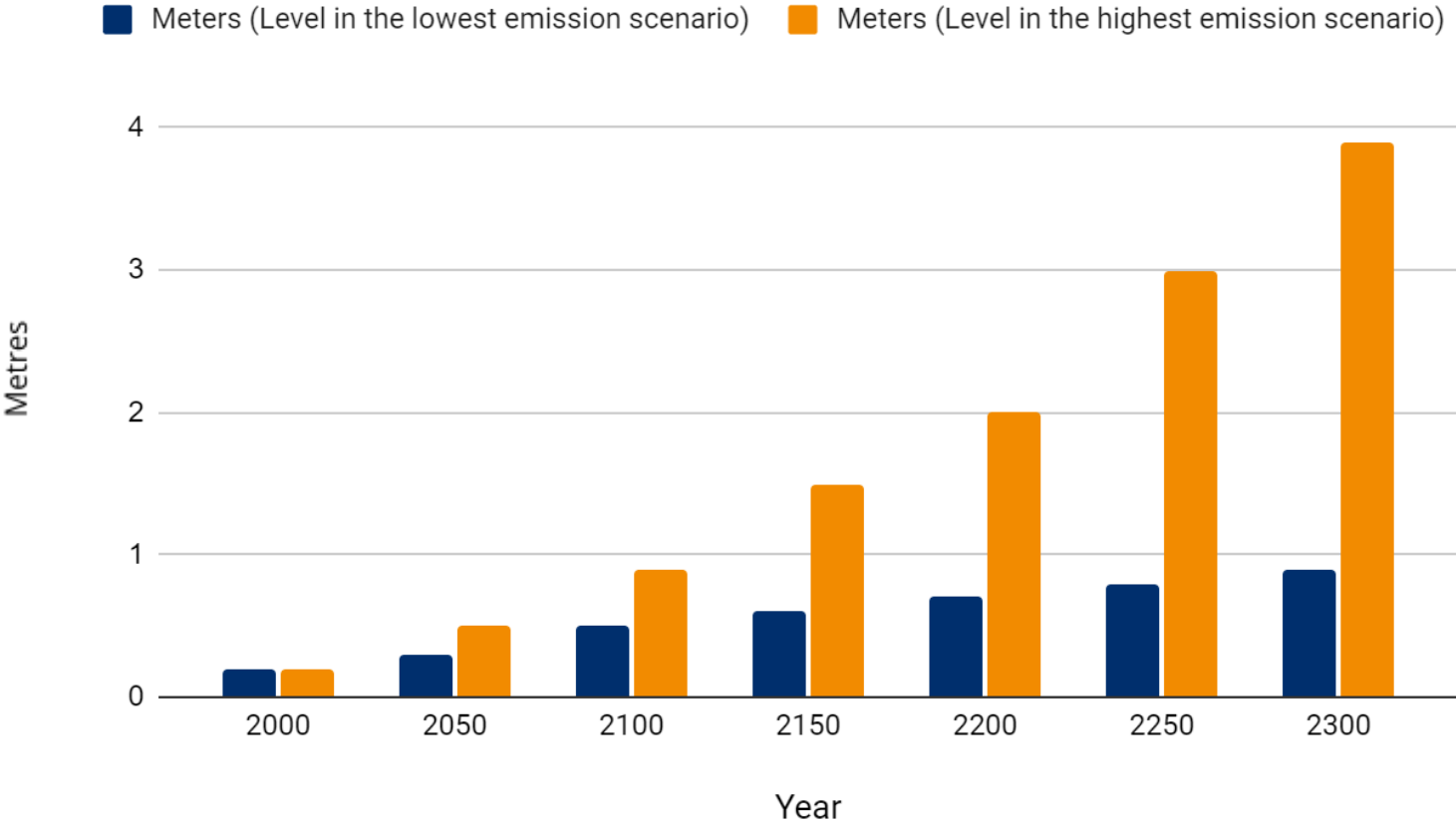Evolution of the annual production of plastic in the world:

Data source: OCDE, EL PAÍS

Treatment of plastic waste in the world:

Recycling
9,0%

Incineration
19,0%

Poorly managed
22,0%

Landfill
50,0%

Data source: OCDE, EL PAÍS

According to two scenarios of greenhouse gas emissions.

This is how sea level will rise in the future:

Data source: IPCC

Map of water consumption daily per inhabitant in some European countries:

Liters of water daily
per inhabitant

- 200
- 180
- 160
- 140
- 120
- 100
- 80
- 60
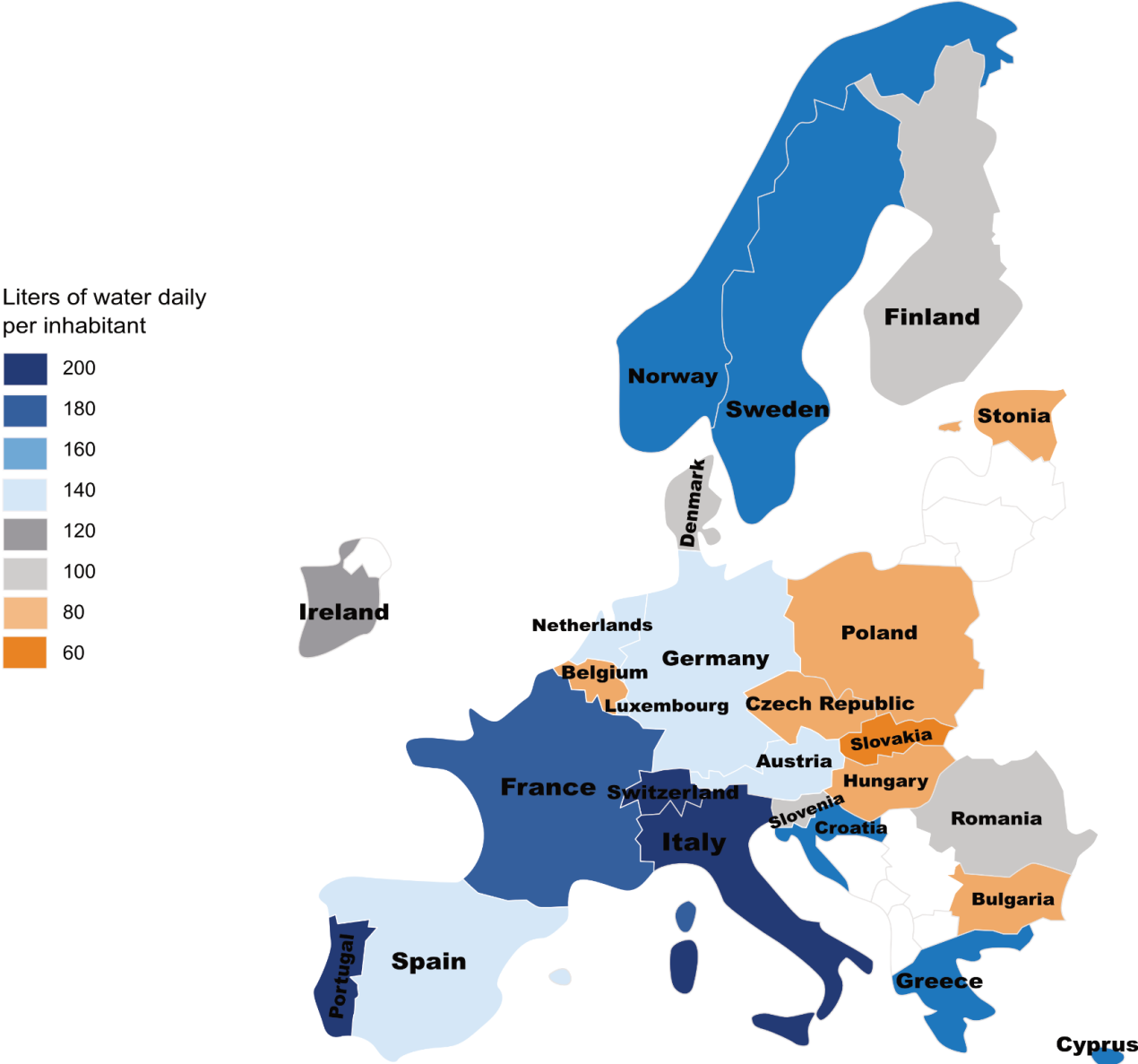
Data source: EurEau

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Want to recycle better?

Food **remains** should be deposited in the **brown** container such as; used fruit skins, fishbones, plants, eggshells, napkins and kitchen paper...

Organic waste should be deposited in the **orange** container, such as; bones, food remains... In the case of not having this container, the gray will be used.

Glass containers must be deposited in the **green** container such as; bottles, boots, jars, jars ...

All kinds of waste can be deposited in the gray container, such as; toys, bottles, kitchen utensils, ceramic objects... and that cannot be used for composting.

In the **red** container should be deposited mainly **"hazardous waste"** such as; hospital waste, batteries, batteries, insecticides, aerosols, oils or technological products...

Plastic containers must be deposited in the **yellow** container such as; bottles, cans, cartons...

Paper and cardboard must be deposited in the **blue** container, such as; sheets, notebooks, boxes, cardboard containers, magazines...

THE FUTURE ISN'T DISPOSABLE

It's in our hands