



E-company

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GREEN SOCIETY

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E(CO)²MPANY®

CYPRUS

edition



Editor's note

Dear Reader,

We gladly welcome You to our new magazine E(co)mpany.

Sometimes we think we can't change the world on our own. If we think so, it is also likely that we will not be persistent in achieving our goal. But if we are aware of how powerful the association of individuals is, we can move mountains.

In the last few years, we are facing the challenges in the area of the environmental protection. Altough society of 2021 is aware of the problems that are coming with the pollution, we are still facing challenges when confronting with our own role in the care for Mother Earth. For that reason, our small team decided to start educating people all around the Europe with the aim to promote a greener lifestyle.

Furthermore, we are here to give You, our dear Reader, information that are useful to You to become a better resident of our only planet.

In this first edition, we focused on 3 current and important topics:

1. Human impact on climate change
2. Active citizenship and how important it is to be actively involved in our community to protect local habitat and other environmental issues.
3. Tips&Tricks for recycle, upcycle, reduce, reuse.

For consistency of our magazine policy, this magazine will be published online and printed only in recycled paper.

We believe if one person changes it's simple habits, our change towards our green goal will be amazing journey. We invite You to be party of it with your eyes, ears and hearts.

Thank you for reading.

Editors

Chreim, R.

Danelatou, A.

Horvat, K.





Human Impact on Climate Change

Chreim, R.

People are increasingly influencing the climate and the earth's temperature by burning fossil fuels, and cutting down forests.

This adds enormous amounts of greenhouse gases to those naturally occurring in the atmosphere, increasing the greenhouse effect and global warming.

Greenhouse gases

The main driver of climate change is the greenhouse effect. Some gases in the Earth's atmosphere act a bit like the glass in a greenhouse, trapping the sun's heat and stopping it from leaking back into space and causing global warming.

Many of these greenhouse gases occur naturally, but human activity is increasing the concentrations of some of them in the atmosphere, in particular CO₂.

CO₂ produced by human activities is the largest contributor to global warming.

Causes for rising emissions

Burning coal, oil and gas produces carbon dioxide and nitrous oxide. Deforestation helps the rising emissions problem because (deforestation) trees

help to regulate the climate by absorbing CO₂ from the atmosphere. When they are cut down, that beneficial effect is lost and the carbon stored in the trees is released into the atmosphere, adding to the greenhouse effect.



Global warming

2011-2020 was the warmest decade recorded, with global average temperature reaching 1.1°C above pre-industrial levels in 2019. Human-induced global warming is presently increasing at a rate of 0.2°C per decade.

An increase of 2°C compared to the temperature in pre-industrial times is associated with serious negative impacts on to the natural environment and human health and wellbeing, including a much higher risk that dangerous and possibly catastrophic changes in the global environment will occur.

For this reason, the EU has recognised the need to keep warming well below 2°C and pursue efforts to limit it to 1.5°C. We continue to put our efforts in increasing awareness about our impact on the climate change.

Active citizenship in order to protect local habitat

Horvat, K.

While other local self-government units are still building or just opening recycling yards, ie they are still waiting for brown bins for biodegradable waste collection as part of activities on circular, sustainable waste disposal, Protaras municipality is the only local self-government in Cyprus that has reached its target. A [rate of 50 percent separate waste collection](#), more precisely 50.26 percent. Recently, the Agency for Nature and the Environment, namely, published preliminary data on separate waste collection in the local self-government for 2020, according to which it is evident that there is still a lot of unfinished work on this issue before municipalities and cities. For comparison, this rate for the city of Larnaca is [26.43 percent](#).



They love the nature and always have fun doing serious job. That's why we win elections every year.



Altough, there are some people that don't care about our ruleas about waste disposal. We cannot do anything to them, they just lay all day and put the masks on their faces," says the mayor Manolis Papadopoulos.

The price of waste collection in this municipality is approximately 3 euros, with benefits for groups of citizens such as social, elderly households, etc. The Cyprus as an EU member by the end of 2020 has committed to separately collect and recycle 50 percent of certain types of waste. Congratulations on this amazing job!



Mayor of Paralimni Manolis Papadopoulos told us: „This is the result of the 20 years work. Actually, when I was 1 year old, I already started thinking about this problem. I am so proud of all the people from our municipality which helped us to achieve this results! Also, I am very thankful for the team that help to build this.

Tips & Tricks for recycle, upcycle, reduce, reuse.

Danelatou, A.

RECYCLE

- Do not put recyclables in plastic bags! Use a tub or basket to carry these items to your recycling bin.
- Donate your old clothes and shoes. These items do not belong in the recycling bin and if they can't be donated they belong in the waste bin.
- Take care not to put waste in your recycling bin. Make a conscious effort to separate your recyclables and waste and place them in the correct bins.



- Compost food scraps. These can be used on your garden as fertiliser.
- Stop wishcycling. That's when we optimistically put nonrecyclable objects in recycling bins. When we do this, we contaminate whole loads of otherwise recyclable materials.
- Teach yourself. At the end of the day, we can't know everything. There's a bunch of stuff we accumulate over our lives — batteries, electronics, paint cans, toys, clothing, wood — and they, unfortunately, all have separate drop off centers or special instructions for recycling.

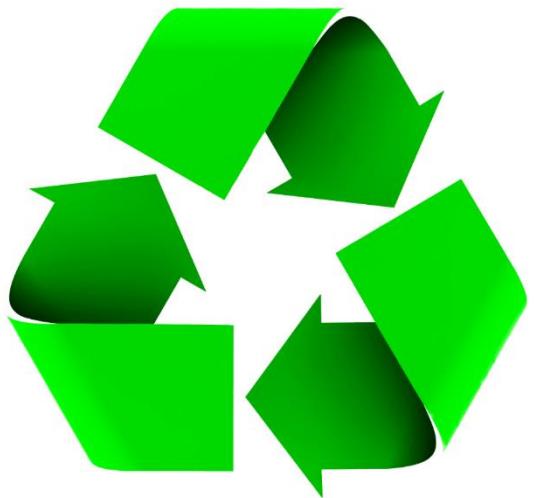
UPCYCLE

- Use good quality brushes and paint.
- You need good brushes and paint in order to have a good finish and for the paint to not chip
- Preparation is key to upcycling. Plan ahead and ensure you have the tools and equipment needed to do the job.
- Be imaginative when you see old pieces. Creative ideas can give a new purpose to something that would have otherwise been discarded
- Mistakes aren't always bad. You won't get it right every time and you may make mistakes but it's not always bad. Every mistake is an opportunity to learn something new that's why some many people enjoy upcycling as you can always learn a new skill.



REDUCE/REUSE

- Use a reusable bottle/cup for beverages on-the-go. By using reusable bottles you save money, and reduce waste
- Use reusable grocery bags, and not just for groceries. When you leave the house, make sure to bring your own bag. Plastic bags need to be a thing of the past, and instead we need to all be bringing our own reusable option.



- Purchase wisely and recycle. One of the biggest things you can do to reduce your waste, is to simply stop buying so much stuff. When you're buying new things, you're creating demand for that thing, as well as creating demand for its journey of production and the waste that comes along with it. Simply saying no to things you don't need, and being appreciative for what you already have is one of the biggest steps you can take to reducing your waste.
- Avoid single-use food and drink containers and utensils.
- Buy secondhand items and donate used goods.
- Shop local and try to buy things in bulks.

Let's have some fun!

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M	P	N	O	T	N	D	L	Y	I	L
Z	T	S	G	R	E	B	V	I	O	E
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E	N	V	I	R	O	N	M	E	N	T
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Read in the next number – Croatia edition

1. How can I help the planet Earth?
2. Plastic bottles – future or the past?
3. Talk with Mate Rimac – founder of Tesla cars