

PANTONE 108 C

Help make a difference

Erasmus plus Call of Poseidon

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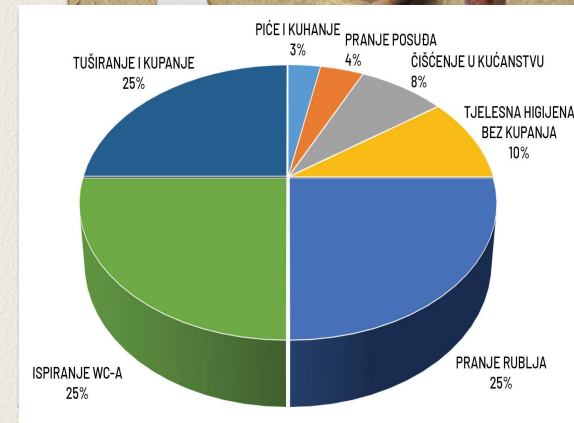
Croatia – rich with water

- according to Eurostat data (ESTAT, 2017), the Republic of Croatia is one of the 30 countries the richest with water in the world
- in Europe, we are in a high third place, after Norway and Iceland
- in 90% of cases in Croatia, water is pumped from groundwater sources



Water pricing

- ✗ the average price of water in the Republic of Croatia is still acceptable to most citizens, but with the reduction of its stocks and rising costs of maintaining water supply systems, it is to be expected that the price of water will rise in the future.
- ✗ the average consumption is 140-160 liters of water per day per person
- ✗ The average price of water paid by households at the state level in relation to the number of inhabitants to which it is delivered, in 2021 it amounted to HRK 16.02 / m³.



Water pricing

The price range ranges from HRK 9.23 / m³ to HRK 27.79 / m³, and the reason for the differences in water prices is in:

- ✘ technical characteristics of the system
- ✘ operating and maintenance costs
- ✘ different range of services provided to users

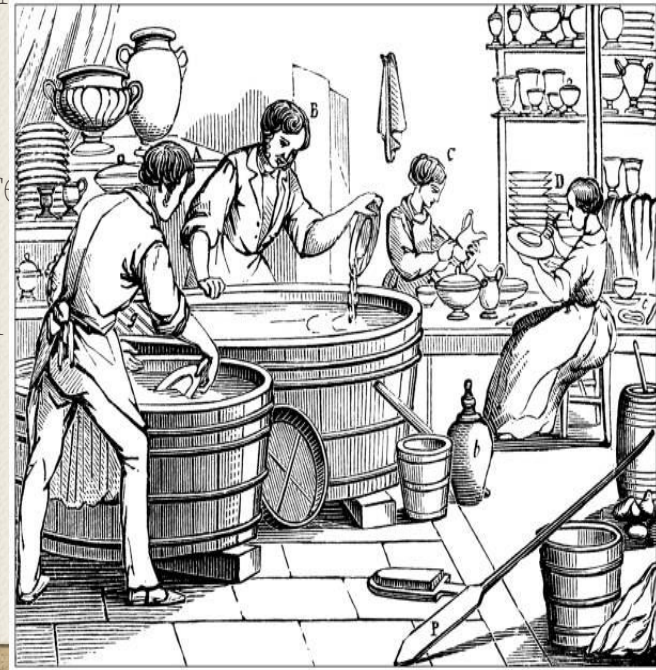


Recycle Wastewater

Wastewaters are divided:

1. black water
2. gray water

- ✗ Black water
- ✗ toilet wastewater is classified as black water
- ✗ black water is more difficult to recycle because high level of pollution and microorganisms.



Gray water

- ✘ non-industrial wastewater that comes out of sinks, dishwashers, showers, bathtubs and washing machines
- ✘ it is easier to treat and recycle than black water
- ✘ in many cases, recycled water can replace the use of drinking water
- ✘ the gray water treatment device enables their collection, treatment and guarantees sufficient quality when reused.



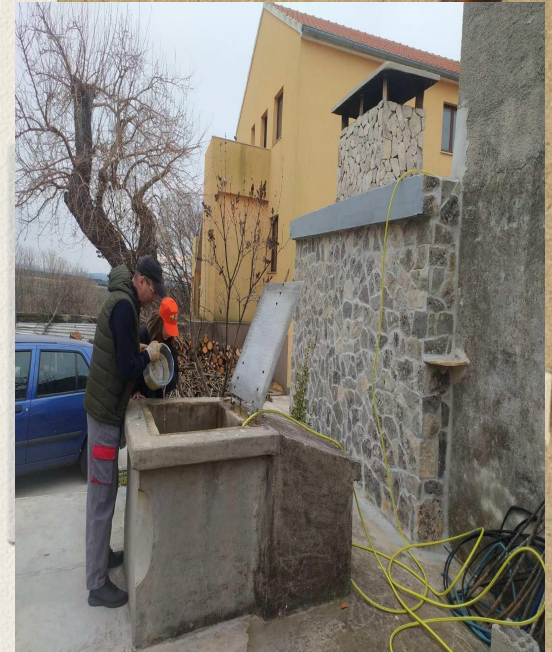
Improve Irrigation and Agriculture Water Use

- ✘ more advanced way to collect and use rainwater is to install a rainwater harvesting system
- ✘ water is collected in a tank, usually buried in the ground near the house; its size should be adjusted to the size of the slope of the roof from which water will collect
- ✘ it is assumed that for every 25m² of water collection area, 1m³ of tank must be reserved



Rain Water Harvesting

- ✗ collecting rain water can save 45 liters of water for day
- ✗ in Croatia people's awerenes of the importance of water protection is developing
- ✗ most of the rain water is collected in the villages and is used for watering gardens, but there are more and more people who use various ways to collect rain
- ✗ there are a large number of people and companies profesionally engaged in developing rain water collection system and methods (tanks, pipes, pumps, wells).



Conclusion

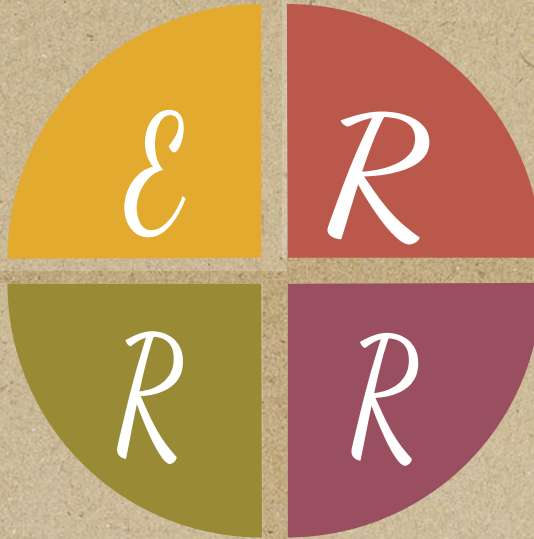
- ✘ Croatia is rich in stocks water, so it is treated as something that is in abundance
- ✘ the fact that in many parts of the world, people die every day precisely because of a lack of quality water is not something that is well known in Croatia
- ✘ the price of water was low in Croatia, but with the development of the situation and following world trends, it changes, so the price of water will certainly rise even more in the future.



What can we do?

EDUCATE

RECYCLE



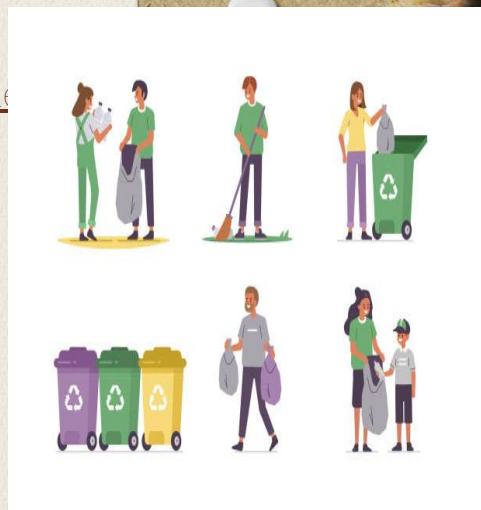
REUSE

REDUCE



Literature/web pages:

- ✗ <https://www.enu.hr/gradani/info-edu/usteda-vode/>
- ✗ <https://brunata.hr/savjeti-za-ustedu-vode-i-smanjenje-racuna-za-vodu/>
- ✗ <https://www.vecteezy.com/free-vector/reduce-reuse-recycle>



Let's work together to save heaven on Earth

