

SUSTAINABLE DEVELOPMENT



We are three students of Copernico high school and we have taken part into a project of the CNR called « Let's control energy consumption to reduce the emission of CO² into the atmosphere»

WATER IS LIFE

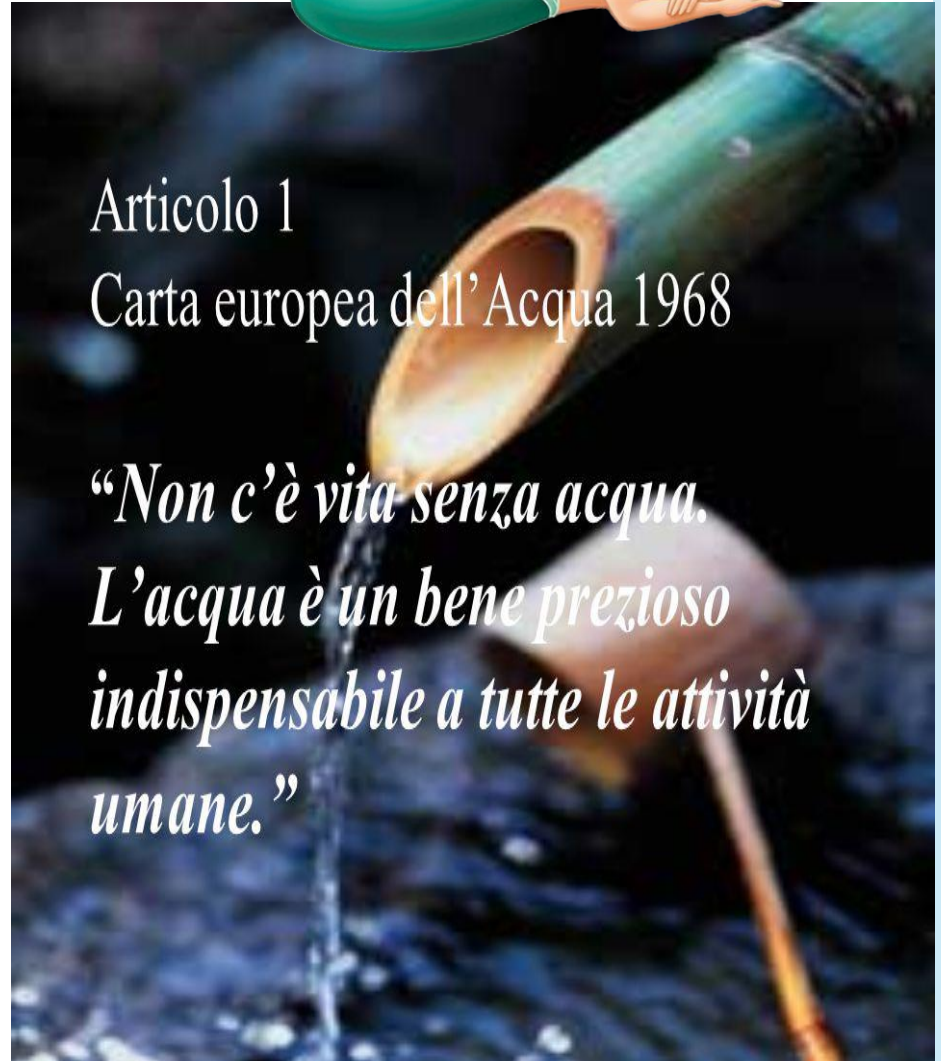
- ***The presence of the water on the earth is excencial for the development and the life's sustenance as water is at the base of every form of life that we know.***



Articolo 1

Carta europea dell'Acqua 1968

*“Non c'è vita senza acqua.
L'acqua è un bene prezioso
indispensabile a tutte le attività
umane.”*



DRINKABLE WATER IN THE WORLD



- ***Although the Earth's surface is covered by 71 % water , the potentially available fresh water corresponds to 0.008% of the total water on the planet.***



DRINKABLE WATER IN THE WORLD

- *Worldwide, more than one billion people lack access to safe drinking water.*

In Africa less than 60% of the available population with drinking water and less than half baths .



WATER PURIFICATION

- *water purification is the removal of raw water contaminants to obtain suitable water for domestic and irrigation use.*



WATER PURIFICATION



**NATURAL
ELEMENTS**
(treated in the first
phase)

Iron and
Manganese
(in Deep water)

Sulphates
(In the areas of
thermal activity)

hydrogen sulfide
(In volcanic zones)

**CHIMICAL
ELEMENTS**
(treated in the second
phase)

ammonia,
nitrites ,
nitrates

antimony, arsenic,
lead
(industrial waste)



WHY DID WE ENJOY IN THIS PROJECT?

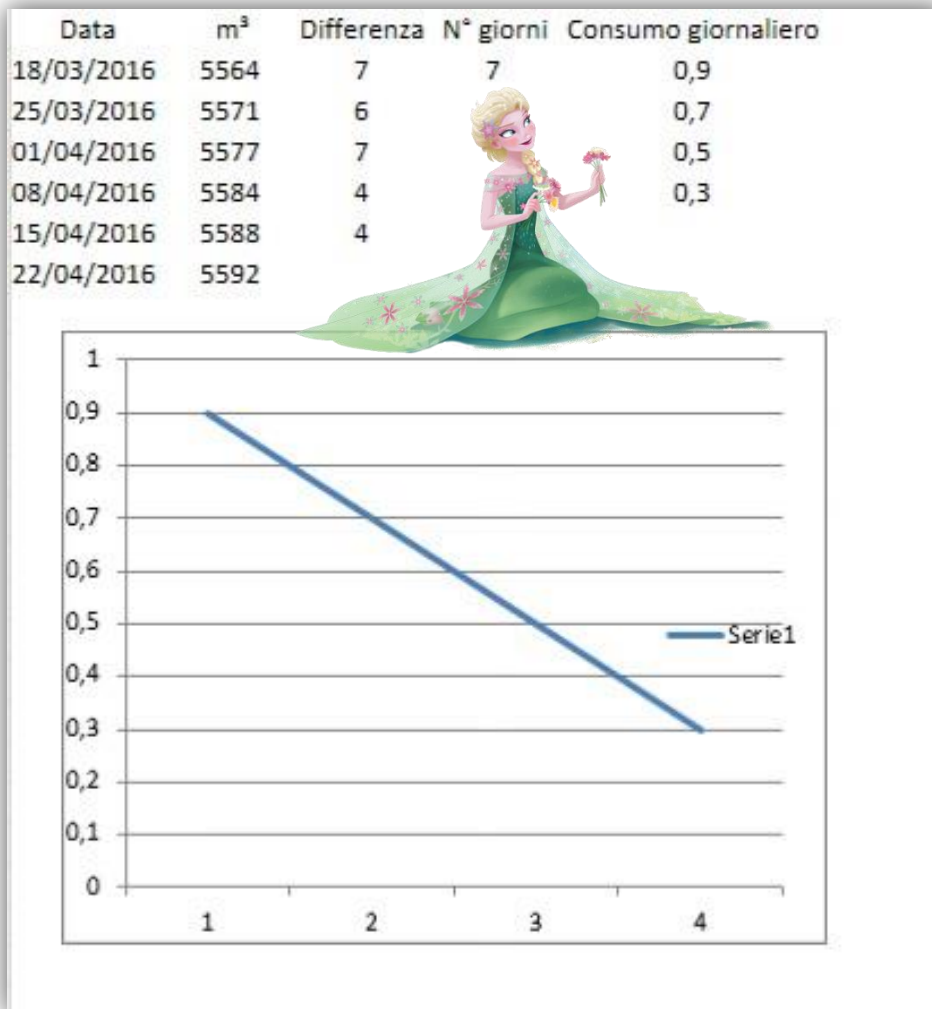
- Our goal was to waste less water in our everyday lives and try to bring a very important message to our families:
- water is precious and we have to preserve and share it with those who are less lucky than us.





LET'S SEE IF WE GOT IT!

- Day by day we have noted our consumption of water to make a graphic were as we you Can see the line represent the consumotion.
- As the line is going downward we can affirm that we got our goal: reduce the waste of water!



THE END

ANNALISA MARINONI, FEDERICA BULDRINI, LORENZO BENFENATI

