

Module 4: Málaga Municipality

4.5 Environmental Challenges. The balance

4.5.1 Waste. Cover or burn

In the previous sections, we have analysed some of the challenges we face as a society, such as environmental pollution, waste management, overexploitation of resources and water scarcity. In order to balance the scales, there is a need for a radical shift towards a greener future.

Planet Earth faces an unprecedented environmental challenge: achieving sustainable balance. Human activity has had a profound impact on the environment, causing problems such as climate change, pollution, loss of biodiversity and depletion of natural resources.

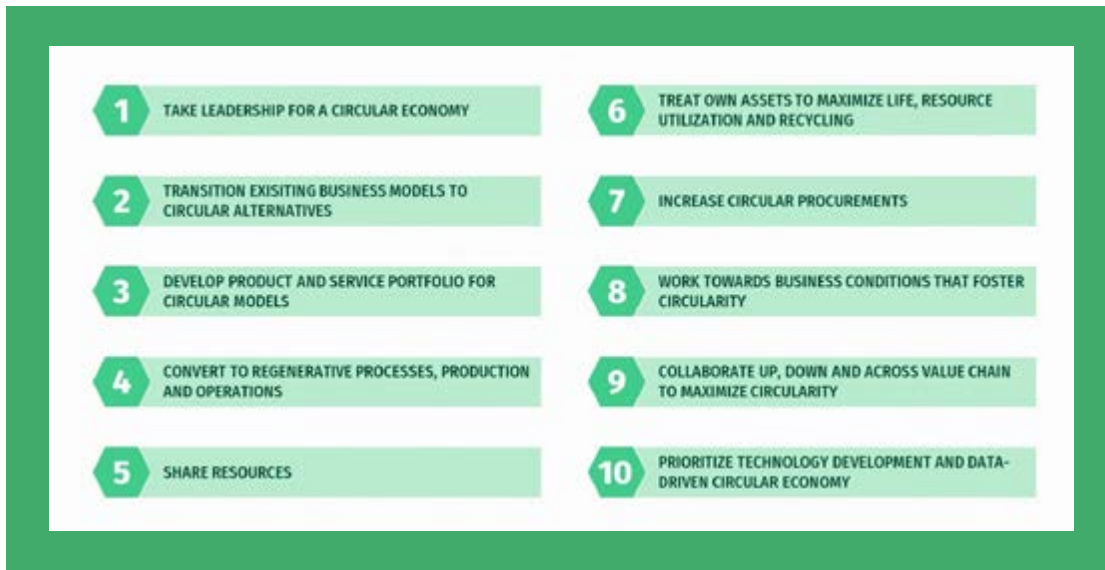
Sustainable balance is defined as a state in which human activity meets its present needs without compromising the planet's ability to meet the needs of future generations. In other words, it is about living in harmony with nature.



In the following, we will try to give some strategies that could be implemented in the different challenges discussed in the previous sections, in order to achieve a sustainable balance.



· What would be the “ideal” situation for the Municipal Solid Waste (MSW) problem?:



· What should mobility look like?:

Mobility is a basic need for human and economic development. However, the current mobility model, based on the excessive use of the private car, is generating serious environmental, social and economic problems.

The mobility of the future must be sustainable, accessible, equitable and safe. It must be based on the following principles:



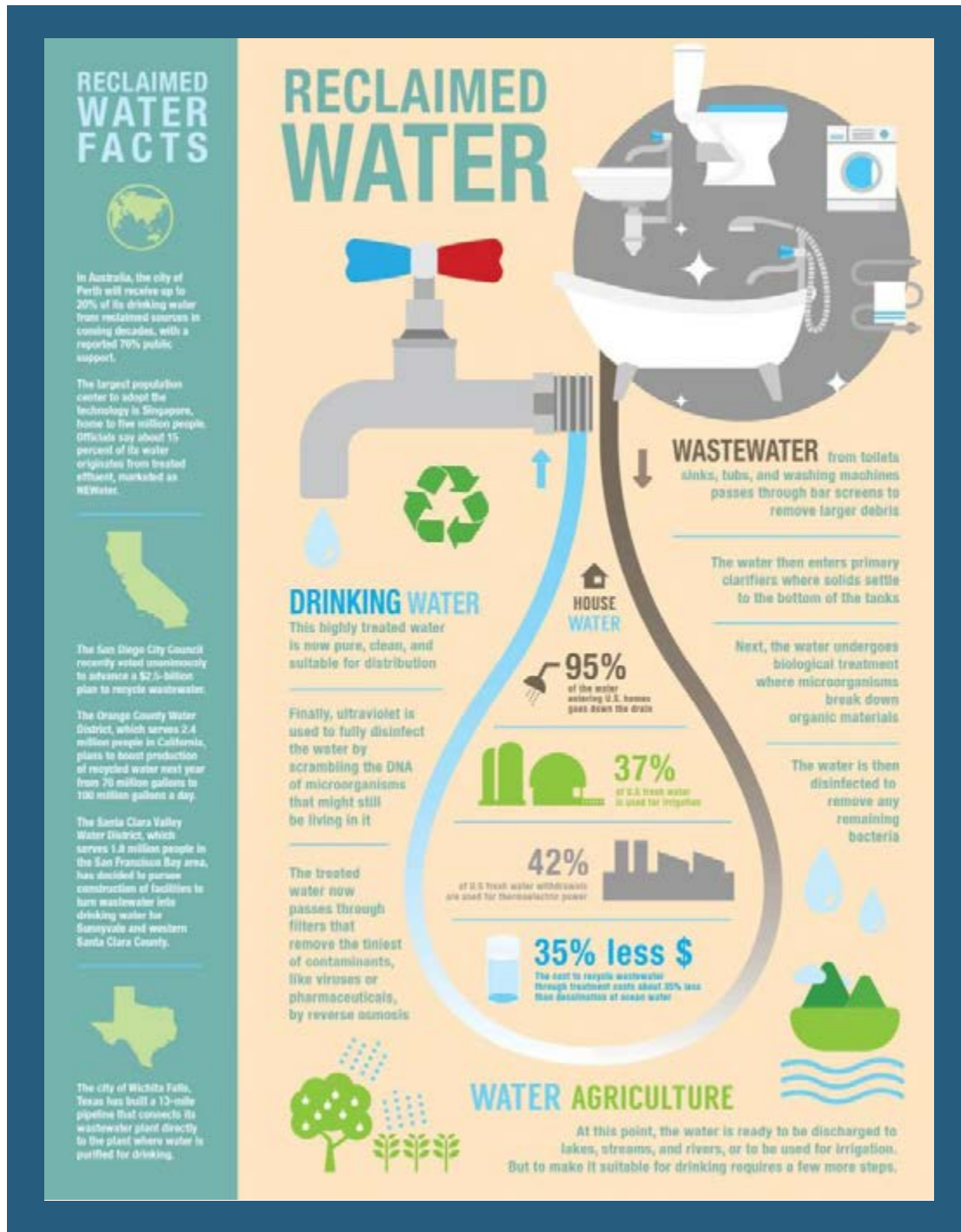
· How can we transition to clean energy?:

The transition to clean energy involves moving away from energy production from sources that emit a large amount of greenhouse gases, such as fossil fuels, to sources that emit little or no greenhouse gases. One solution would be to develop and use renewable energy sources such as solar, wind, geothermal and hydropower to reduce our dependence on fossil fuels, and to implement measures to improve energy efficiency in buildings, industry and transport.



· How can we improve water management globally?:

Water is a vital resource for life on Earth. However, global water management faces many challenges, such as water scarcity, pollution, climate change and increasing demand.



· Practical activity. Learning control

