

# Erasmus flipped – The circular economy

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By participating in the Erasmus project, and studying the topics proposed to us, we were struck by the topic of the Circular Economy, as well as the first topic dealt with. What we have learned about the circular economy is that it is based on the transformation of organic waste into quality compounds, on the reuse of waste materials to promote new production cycles, with the aim of reducing waste. This type of economy is based on different principles, including composting, a process that allows you to create, starting from waste, stable and sanitized materials, which will be used for agriculture and horticulture, or the cultivation of flowers and plants in the nursery. This product is called compost. Another principle is that of waste management and treatment, a principle that we can easily implement from our homes, following the separate collection of one's own city, as many nations are already used to doing. This collection method is used to separate waste and subsequently recycle it (for materials that can be recycled). An example of circular economy, which we have in our city, Gela, is the biorefinery (the most innovative in Europe), in which 100% of waste raw materials are used for the creation of biofuels, innovative and useful in avoiding waste. The main objective of the circular economy is sustainability, a goal also present in the UN 2030 agenda, which includes the reduction of global consumption, the sustainable management and efficient use of natural resources, the eco-compatible management of chemicals. and of all waste during their life cycle, reduce the production of waste through recycling and reuse, encourage companies to implement eco-sustainable practices and many highs concerning the field of sustainability.

