

Homework 1
Plastics in a Circular Economy

Read the indicated parts of *The Waste Free World* by Ron Gonen

- a) Explain how we have reached a single-use economy from the perspective of Ron Gonen.
- b) List the benefits of single use plastics over a circular economy in several fields such as the medical, food, consumer products (shampoo for example), travel, sports (tennis balls), tires, cars
- c) Suggest alternatives to the single use examples of question “b”.
- d) What are some economic advantages from a manufacturer’s perspective for planned obsolescence and single use products. Is there a possible mechanism to incentivize circular products for manufacturers?
- e) What role does regulation and personnel integrity play in circular versus single use society?