

Circular Economy, Food Waste and Health



OLIO – THE FOOD SHARING REVOLUTION

1,700,000 PORTIONS OF FOOD SHARED

1,100,000 USERS

49 COUNTRIES

30,000 Ambassadors and Food Waste Heros

Food waste one of the biggest problems facing humanity

1/3 Of all food wasted

800m People hungry

3rd Largest source of climate change
Most effective lever to mitigate climate change (above solar power & electric cars!)

\$1 tr.

Value of food wasted p.a.

70%

Of freshwater used p.a. is by the global food industry. Demand for water will be > supply by 40% in 2030

>50%

Increase in food production needed to feed all 10bn of us by 2050

Half of all food waste takes place in the home

- Avg UK family throws £800 p.a.
- Avg Swedish or Polish family throws €585 p.a.

CURRENT LINEAR FOOD SYSTEM

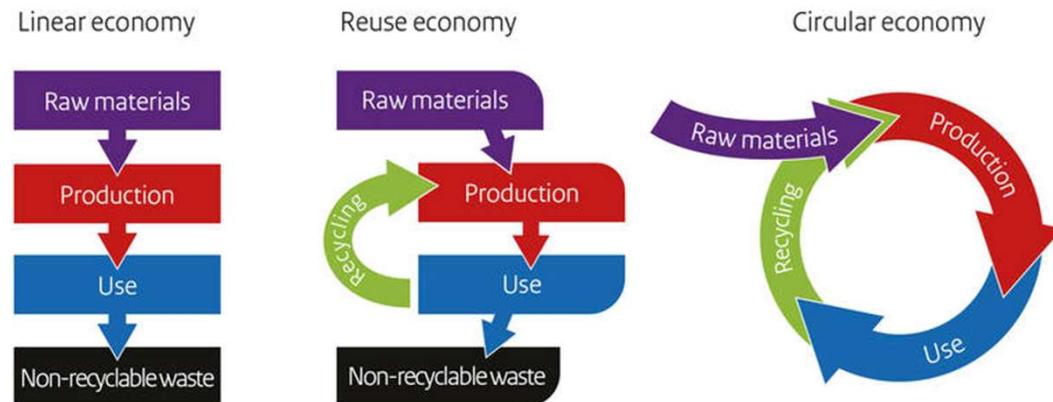
FIGURE 1: FOR EVERY USD 1 SPENT ON FOOD, USD 2 IS INCURRED IN ECONOMIC, HEALTH, AND ENVIRONMENTAL COSTS.



*Excluding obesity; **Due to diet

OLIO AND CIRCULAR ECONOMY

From a linear to a circular economy



“Shifting to a circular economy for food presents an attractive model with huge economic, health, and environmental benefits across the food value chain and society more broadly.”

Ellen MacArthur Foundation, 2019

OLIO MISSION

“To unlock the value of food that is wasted in the home and local community”

- *Economic value*
- *Environmental value*
- *Nutritional value*
- *Social value*
- *Moral value*



FOOD WASTE AND ITS HEALTH POTENTIAL



“Reducing food loss and waste in nutrient-rich foods has the potential to yield substantial nutritional benefits, while offering the opportunity to improve diets, tackle malnutrition and foster healthy and well-nourished societies.”

EAT-Lancet, 2019