

Document Research:

2.5 billion tons of food are wasted globally every year

In America alone, we waste 60 million tons, equivalent to 120 billion pounds of food, with a value of 128 billion dollars.

Most of this food ends up in landfills, producing methane , a gas more potent than carbon dioxide

However, about 6%-8% of all human-caused greenhouse gas emissions could be reduced if we stop wasting food.

Purpose Statement

Re-Plate aims to reduce food waste by connecting surplus food from restaurants, bakeries, and grocery stores, with consumers at a discounted price

Ideas

Business owners can list unsold food items on the re-plate app and users receive real-time notifications, where they can claim and reserve their order to be picked up or delivered.

For food already thrown away or spoiled, Re-plate connects businesses with local biorefineries where the food waste (good or bad) can be turned into clean energy.

Smart matching algorithm ensures a personalized experience, considering factors like allergies and preferences when match making