

Illustration 12.1 - Food's climate receipt

EVERY FOOD HAS AN INVISIBLE CLIMATE RECEIPT

Many steps are needed to get food from the farm to our plate. Each step creates greenhouse gases. Scientists add them all together as CO₂e – carbon dioxide equivalent.

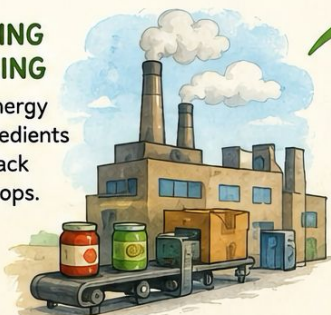
2. FERTILISER & FEED

Growing crops for animal feed uses land, water, fertiliser and fuel.



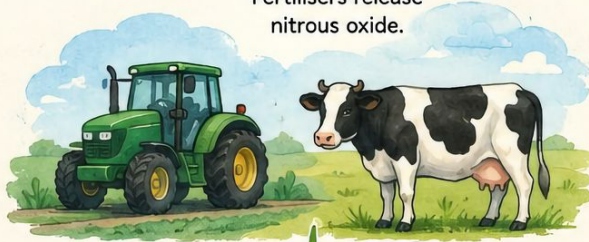
3. PROCESSING & PACKAGING

Factories use energy to turn raw ingredients into food and pack them for our shops.



1. FARMING

Machines use fuel.
Cows release methane when they digest food.
Fertilisers release nitrous oxide.



4. TRANSPORT & STORAGE

Trucks, ships, planes and refrigeration all use energy.



5. SHOPS & REFRIGERATION

Keeping food cold and on shelves uses electricity.



6. COOKING & EATING

Cooking uses energy. So does washing, heating and cleaning up afterwards.



7. WASTE

When food is thrown away, all the energy and resources used are wasted – and food rotting in landfill creates methane.



ALL TOGETHER = CO₂e

Different greenhouse gases. One warming number.

