

Sustainability Toolkit for Food Companies

Module 5 – Value Chain

Content

- Value chain
- Mapping your value chain
- Benefits
- Applying sustainability priorities

Map Your Value Chain



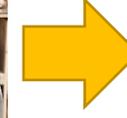
Farm



**Ingredients &
Manufacturing**



Retail



Consumers

Map Your Value Chain

Oil extraction example – Simplified Emissions



Farm

Scope 3

- Farm Production
 - Fertilizer
 - Energy Use
- Transport



Extraction

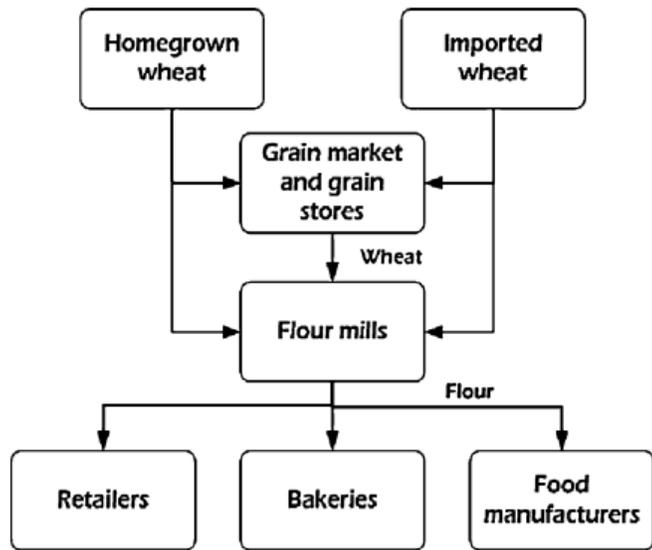
Scope 1

- Exhaust from equipment
- Emissions from process
- Building

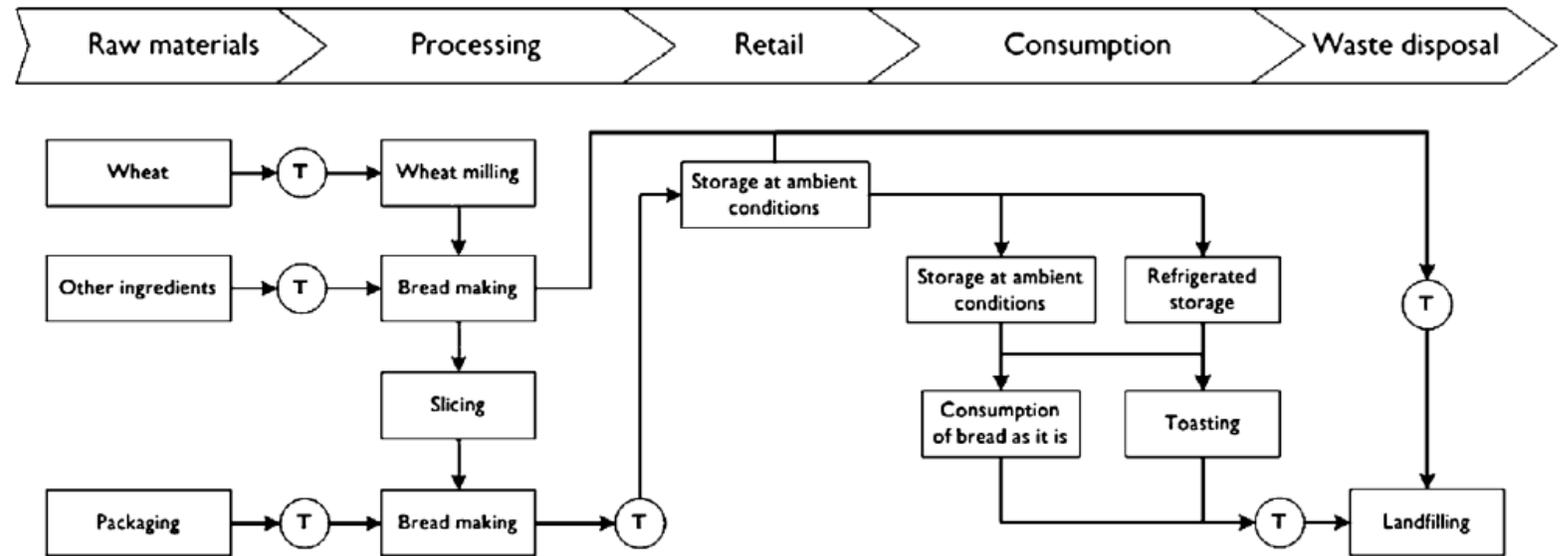
Scope 2

- Energy Use
 - Electricity
 - Gas

Multi-Ingredient – Bread (UK Example)



Wheat sourcing



Manufacturing process

Value Chain Mapping Initiatives



Mapping and measuring for protein extraction processes



Protein value chains
Animal and plant based



Ingredient value chain

End