

# 7 TYPES OF WASTE

**1.**

## Overproduction

Making more than what is needed, or making it too early.

- Creates excess inventory
- Hides problems
- Leads to additional handling and storage

## Waiting

Idle time when people, parts, information, or equipment are not moving.

- Leads to delays and longer lead times
- Often caused by unbalanced workloads or machine downtime

**2.****3.**

## Transportation

Unnecessary movement of materials or products.

- Adds cost and time but no value
- Increases risk of damage

## Overprocessing (or Excess Processing)

Doing more work - or using more complex processes - than required.

- Often results from unclear specifications or poor tool selection

**4.****5.**

## Inventory

Excess raw materials, work-in-process (WIP), or finished goods.

- Ties up cash
- Hides defects
- Requires extra storage and handling

## Motion

Unnecessary movement of people.

- Causes fatigue and inefficiency
- Includes searching, bending, reaching, walking

**6.****7.**

## Defects

Products or services that are incorrect or incomplete.

- Lead to rework, scrap, customer dissatisfaction
- Waste time, materials, and money