

# 8 Forms of Waste + 2 Main Contributors

**Correction:** Rework, work done because of errors in the previous process.

**Overproduction:** Making more than is necessary or making things faster than is necessary, working ahead; the worst form of waste since it causes all other types of waste.

**Motion:** Unnecessary people motions, travel, walking, and searching.

**Material Movement:** Unnecessary handoffs, transfers, filing, distances of material & information.

**Waiting:** People waiting for machines, information or people. Information waiting on people or machines.

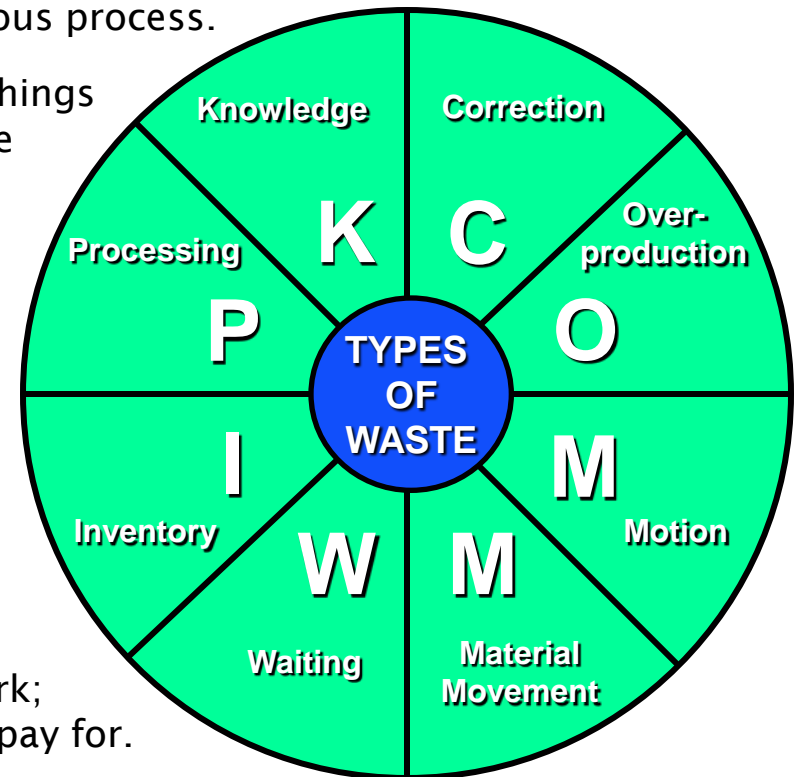
**Inventory:** Information or material waiting in queue.

**Processing:** Redundant or unnecessary mental or physical work; work that is giving the customer more than he/she is willing to pay for.

**Knowledge:** The loss of knowledge that must be relearned over and over again.

**Unevenness (Mura):** A flow of information or product processes that are not regular or constant causing many of the other types of waste; the lack of consistency in schedules, products, and info.

**Unreasonableness (Muri):** Pushing a machine or people beyond their capabilities or what is considered reasonable; overburden.



Unevenness

Unreasonableness