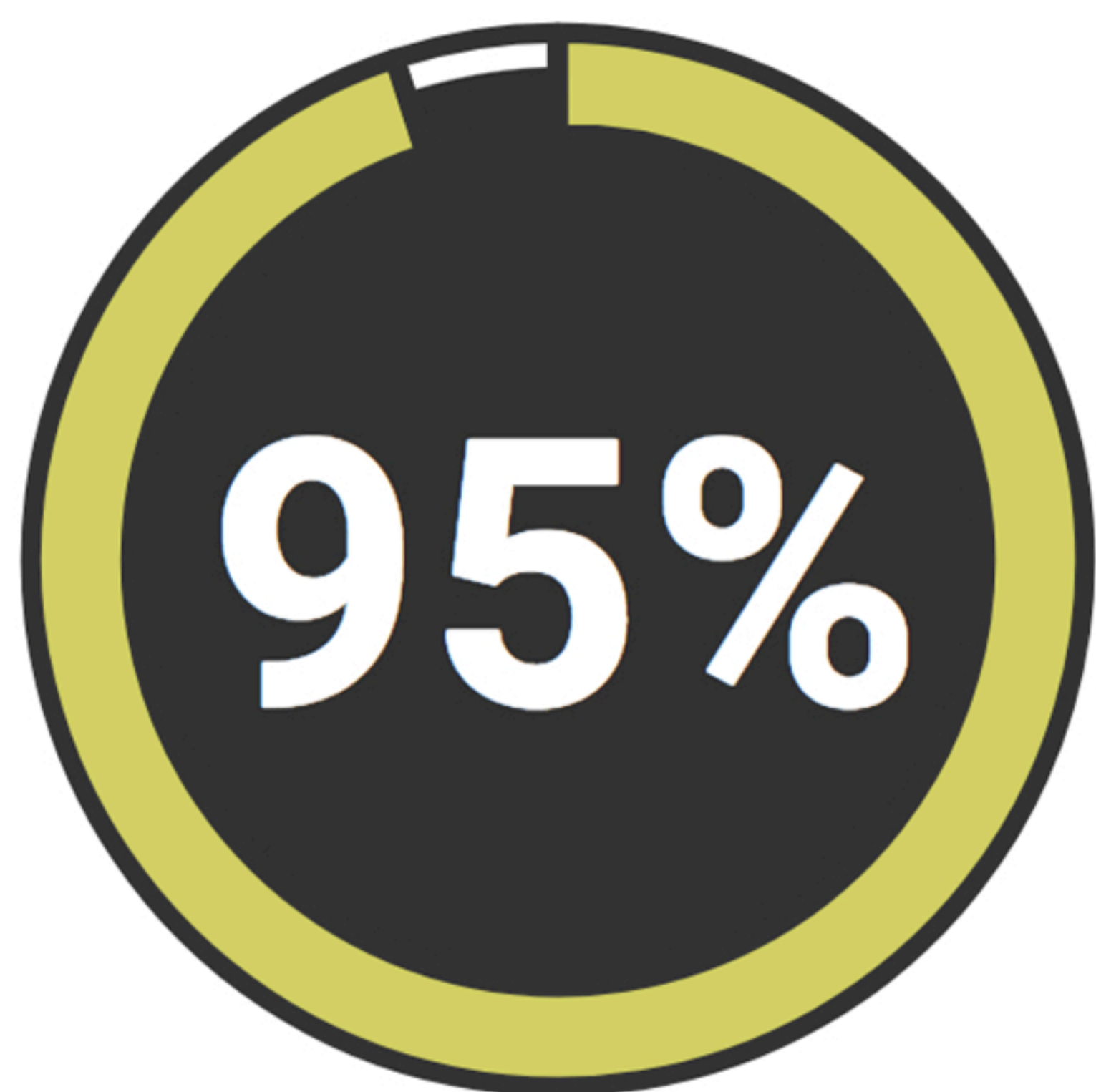


8

Lean Manufacturing WASTES



OF TYPICAL
TOTAL LEAD
TIME IS NON-
VALUE ADDED

D

DEFECTS Goods that must be repaired or replaced due to quality errors

O

OVERPRODUCTION Producing more than necessary or faster than scheduled

W

WAITING Idle time produced as a result of lack of synchronization between various processes

N

NON-UTILIZED PEOPLE Not using people's mental, creative, physical or skill abilities

T

TRANSPORTATION Moving goods from one location to another without adding value

I

INVENTORY Any supply in excess of a one-piece flow through a process

M

MOTION Unnecessary movements by humans or machines that could be simplified or optimized

E

EXCESS PROCESSING Performing processes beyond what is requested or required by the customer

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