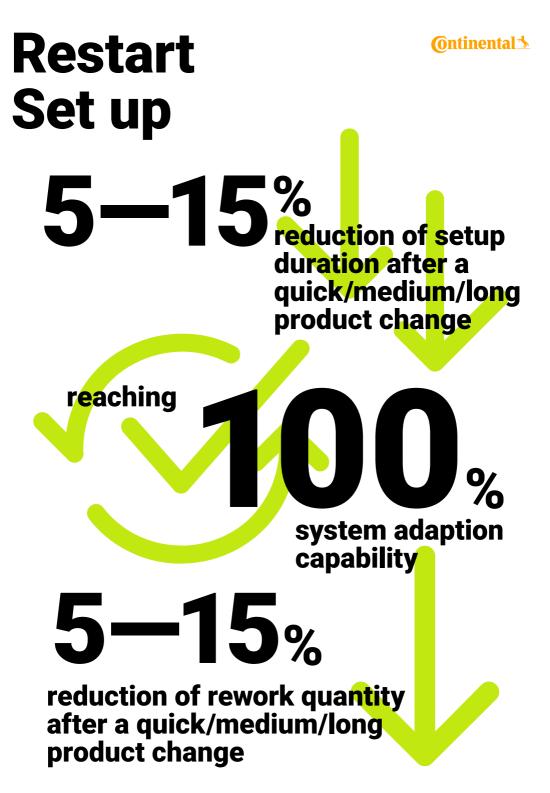


AI·PROFICIENT

Artificial intelligence for improved production efficiency, quality and maintenance

Info pack

The use cases of AI-PROFICIENT aims to improve manufacturing process through human machine interaction. This document provides the various KPI improvements which would be achieved in the 2 different manufacturing enterprises (Continental and INEOS) in terms of production efficiency, quality and maintenance.



Released Continental's extrusion optimization



improving the relaxed conditions of thread

bein<mark>g</mark> able to

identify

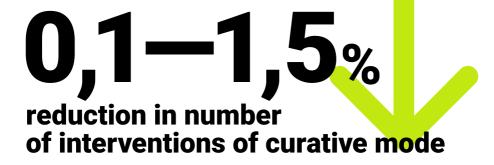
the relevant cause of non-relaxed thread

🔞 ntinental 🏂

Tread blade wear

% reduction in number of interventions of curative mode

decrease unscheduled reparation times related to the cutting sy<mark>st</mark>em





Tread alignment

reduce

the number of incorrectly packed carts that need to be manually unloaded

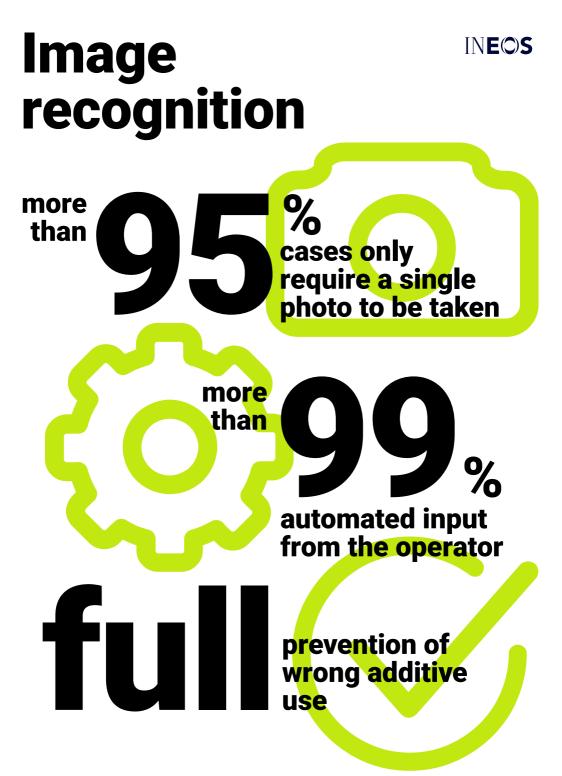
reduce

unplanned maintenance of the belts



Quality analysis % detection rate of the quality analysis and a<mark>s</mark>surance tool more than reduction of the scrap rate improvement

Reactor INE(C)S stability increase in plant reliability significant reduction in drift frequency



PROJECT TITLE

Artificial intelligence for improved production efficiency, quality and maintenance

START DATE 1st of November, 2020

DURATION 36 months

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