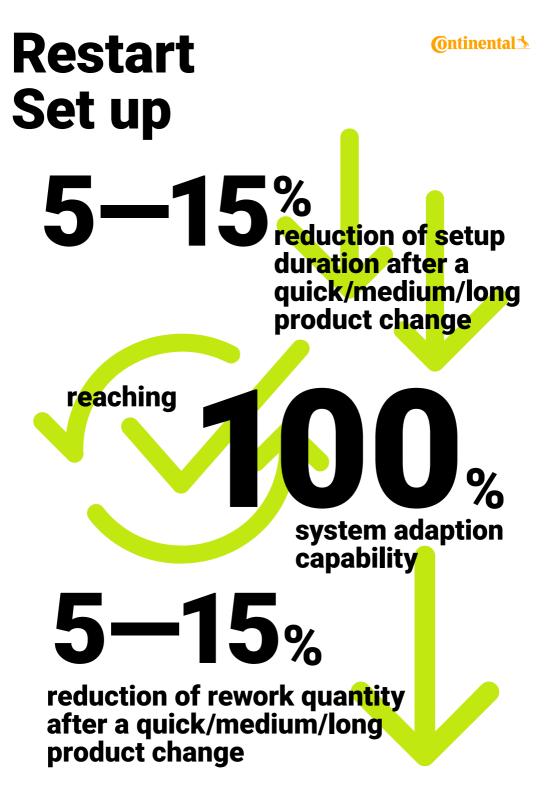


#### **AI·PROFICIENT**

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** 

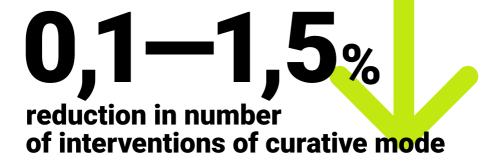
the relevant cause of non-relaxed thread

### 🔞 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

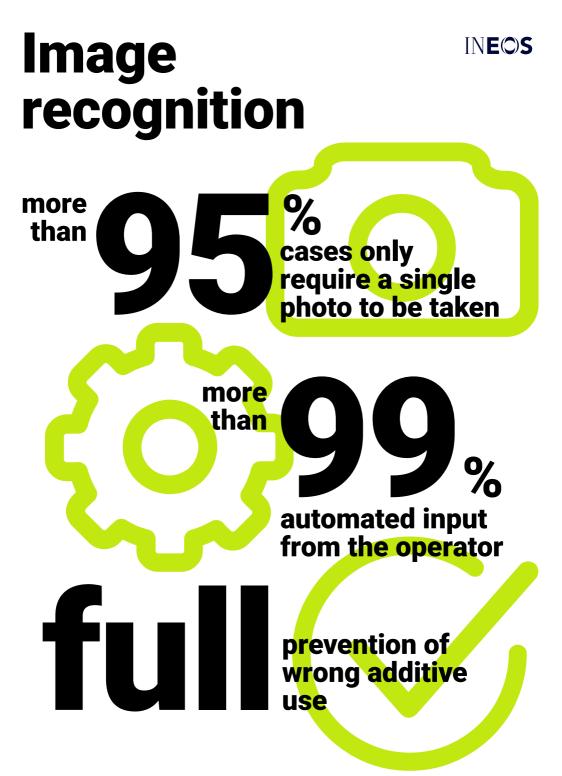
## reduce

### 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

FUNDING PROGRAMME

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TOPIC ICT-38-2020 - Artificial intelligence for manufacturing

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**RIA - Research and Innovation action** 

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PROJECT COORDINATOR Prof. Benoît lung, Université de Lorraine, France

FIND US https://ai-proficient.eu/

CONTACT info@ai-proficient.eu



