

## PROJECT START

95k€ +  
401k€ EIT  
Funding

Milestone 1  
Decision making  
rules for supervision  
07/20

Milestone 2  
AR prototype  
10/20

Milestone 3  
Workshop for  
potential integrators  
12/20

Future goal  
Integration in  
ESI Player

Future goal  
Commercial  
Release 2022

## CHALLENGE



- Increase OEE
- Quality improvement
- Maintenance improvement
- People training efficiency
- Change management toward Industry 4.0
- Attract young people in manufacturing

## SOLUTION



- Introduction of Augmented Reality at the shop floor
- Parametric simulation of thermoforming process
- Process Map Creation

## BENEFITS



- Reduction of time to mass production for new product introduction
- Scrap part reduction
- Foundation for predictive maintenance
- New interactions between the diverse workers at the shop floor

## MAIN PROJECT RESULTS

30%



SCRAP REDUCTION



AUGMENTED REALITY TO  
IMPLEMENT INDUSTRY 4.0  
IN 3 YEARS



TRAINING TIME DIVIDED  
BY AT LEAST **6**

*“thanks to EIT we were able to find partners eager to collaborate on a new Augmented Reality use in manufacturing ,,”*



**PATRICK DE LUCA**  
Scientific Director

AMPLI project  
AIM: Accelerating the digitalisation of plastic manufacturing industries through new technologies

