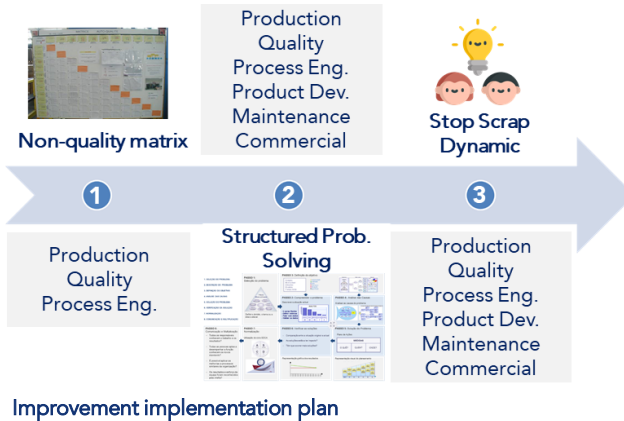
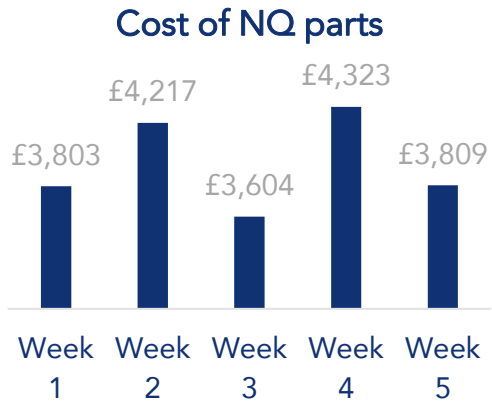


# Quality Improvement in Discrete Assembly

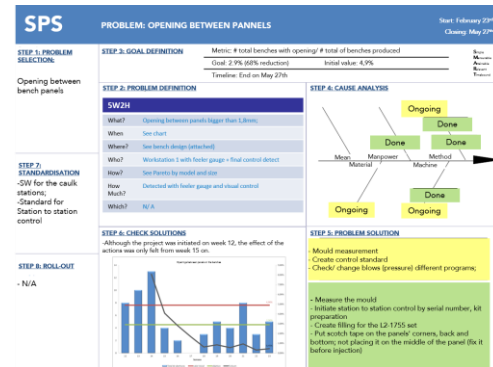
## PICTURES BEFORE



## PICTURES AFTER



"Stop Scrap" meetings



Structured problem solving

## Problem

- Over £200,000 cost of non-quality parts per year
- 744 hours dedicated to reworking per year

## Root causes

- High variability across the assembly tasks, resulting in outputs of differing qualities
- Ad-hoc resolution of non-quality incidents, with no permanent countermeasures being incorporated into the responsible process
- Lack of visibility of all the non-quality problems and their root causes

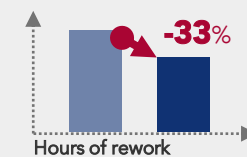
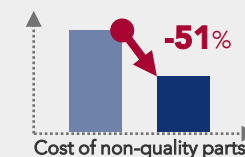
## Solution approach

- Implementation of a Control & Detection system to identify non-quality incidents as soon as they occur and mitigate them - Non-Quality Matrix
- Development of Structured Problem-Solving capabilities at Team Leader and Group Leader levels
- Development of a "Stop Scrap" system that allows for the sustainability of the quality improvement activities
- 105 3C initiatives concluded in an effort to solve minor quality causes

## Benefits

Payback Period  
3 months

Savings  
£307k/year



GEMBAKAIZEN™

Europe · Americas · Asia-Pacific · Middle East · Africa  
© Kaizen Institute 1985-2020. KAIZEN™, GEMBAKAIZEN™ and other associated marks are registered trademarks of Kaizen Global Enterprises, its subsidiaries, licensees or IP holders worldwide. Kaizen Institute is a subsidiary of Kaizen Global Enterprises, which is registered and licensed as a free zone company under the rules and regulations of the DMCC.