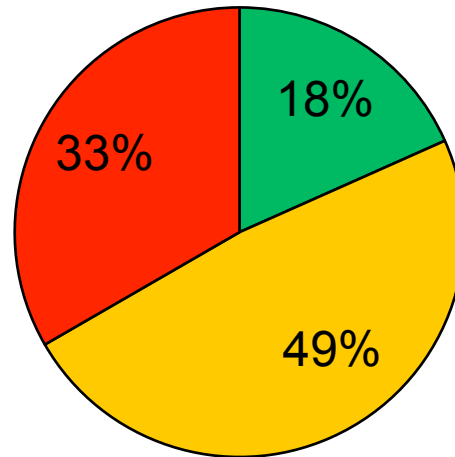




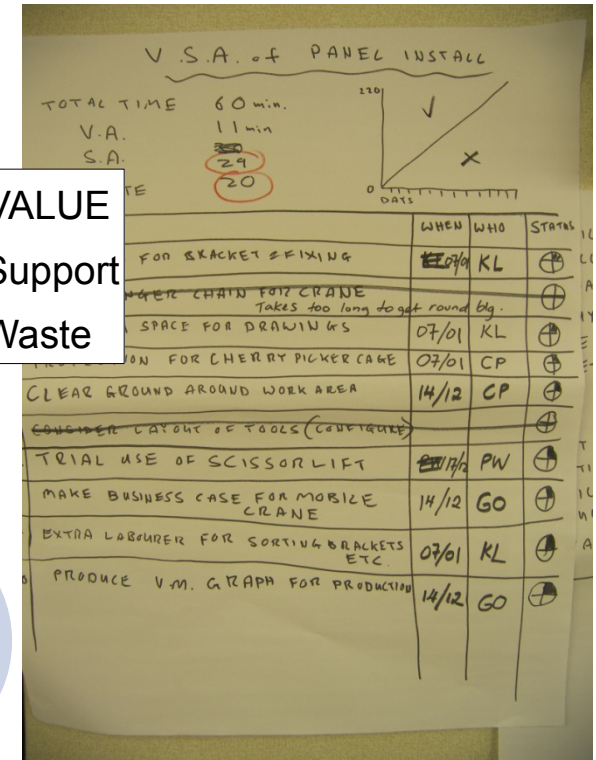
Cowlin

SECTOR: Construction
 COMPANY: Cowlin
 PROJECT: Swansea University
 BACKGROUND: Project Objectives

- Improve productivity of Pre-cast panel install
- Deliver project on time



- Tools Applied:
- Direct Observation
 - Value Stream Analysis
 - Workplace organisation



- VALUE
- Support
- Waste

“We currently turn over about £100million per year of construction activity from the Cowlin Welsh Office and the use of data capture, the use of collaborative planning and other key lean philosophies are now an inherent part of our regional business. We have seen business improvement and intend to continue to use the tools to continuously improve.”

FACTS
Rate of installation Doubled

James Player --Ops Director

- What we did: - Introduce the team to the concepts of Value, Support Activity and Waste
- Carry out direct observation of the process
 - Create a value stream analysis
 - Identify waste
 - Agree actions to reduce waste in the process

- Benefits
- Enhanced understanding of value and waste
 - Engaging all the team in the process
 - Install 8 panels per day instead of 4

