

IoT Week
Århus - 2019

Troldtekt® 



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2018 - Lean Coordinator at Troldekt A/S

2016 - Student Assistant at Troldekt A/S

2019 - MSc. Technology Based Business Development (AU)

2018 - Bachelor Value Chain Management (VIA)



Agenda

1. About Troldekt A/S
2. What can analytics do for your production?
3. (IoT Enabled) Plug-and-Play sensors
4. Connecting results to practice
5. Using data to guide your decision and actions

About Troldekt A/S

- At Troldekt we design, develop and manufacture acoustic wood wool panels.
- With a rising demand in the last 4 years, and an expected growth of more than 20% in 2019, our focus was set on the optimization of production to answer the growing demand.
- In 2019 we invested 180 millions kr. duplicating the first stages of our production and capacity.

What can analytics do for your production?

- **What is going on?**
 - Takt-time/ Cycle Time
 - Potential bottlenecks
 - OEE measurements
- **When will it go wrong?**
 - Evaluate machine life cycle
 - Continuous Control
- **How to improve?**
 - Six Sigma
 - NIR
 - Artificial Vision Systems
 - Predictive Analytics





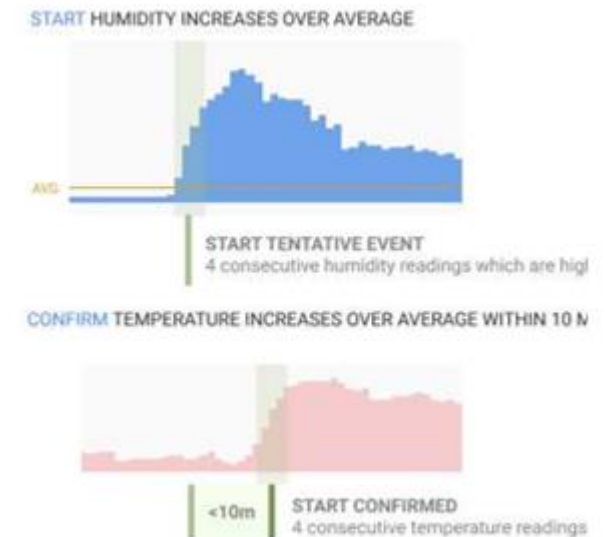
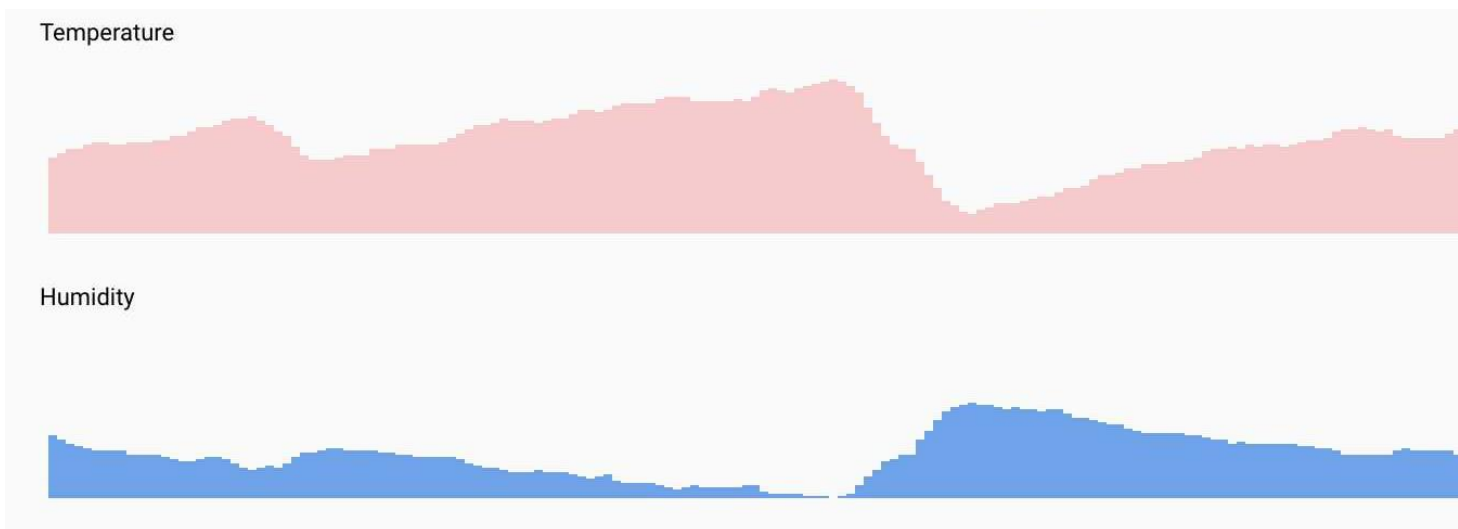
IoT Enabled Plug-and-Play Sensors

- Mobility
- Data Ownership

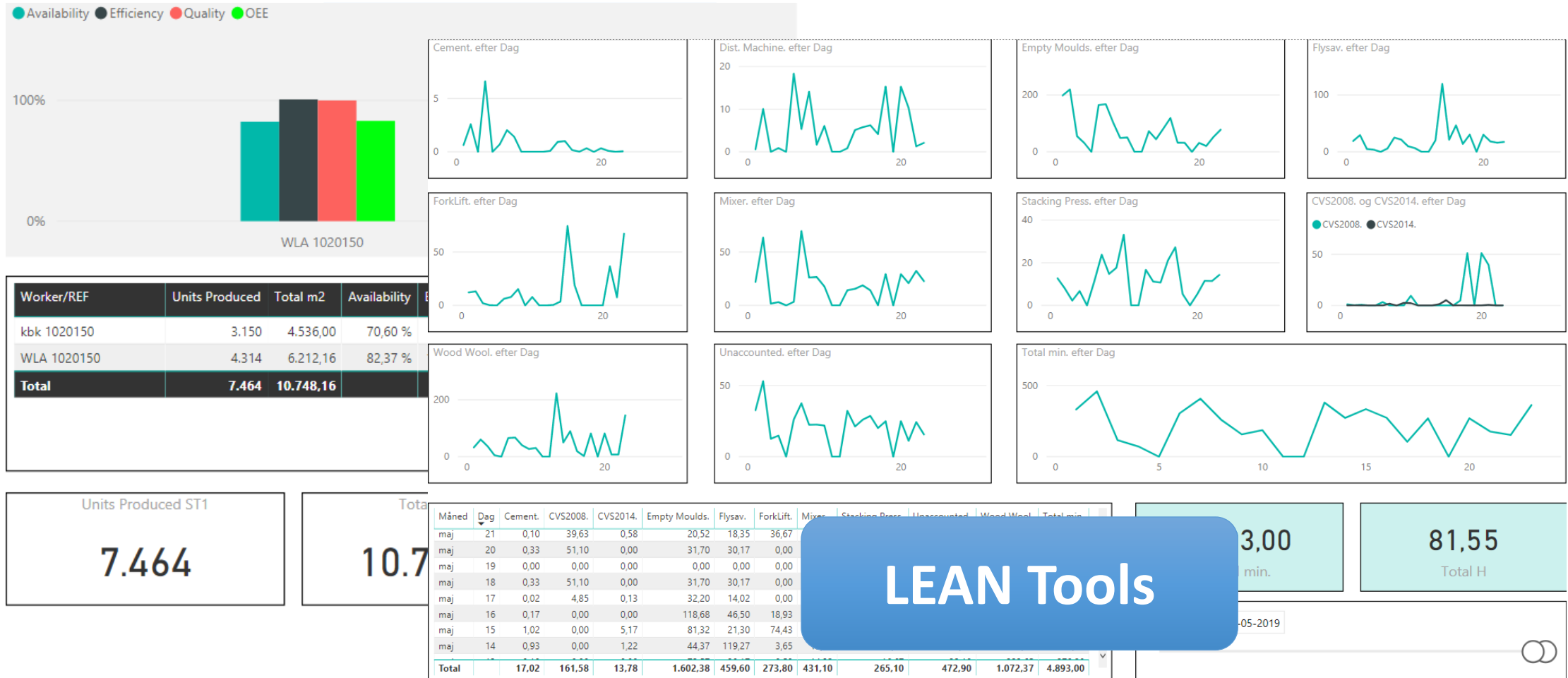


Connecting Results to Practice

- Normal/ Abnormal / Correlations
- Creating the Alarm



Using Data to Guide Decision and Action



Thank You