CUSTOMERS & NESTE SUCCESS STORY

NAPPI

Optimized refinery steering at anytime
NAPPI is an online tool for target setting and performance monitoring at Porvoo refinery.

**CUSTOMER NEEDS**
Real-time understanding of how well the refinery is performing against set targets. Less manual work and easy access for data to enable for decision making.

**TARGETS**
Enhanced operational efficiency with optimized production steering. Accurate target setting and execution of the production plans create more value. Transparency over the complex Porvoo refinery system.

**TO WHOM?**
- **Production Managers & Refinery mgmt**
  - Set targets & have transparency of how well production meets targets
- **Shift Managers**
  - Control the production in the unit
- **Shift change meetings**
  - Team discusses targets and outlooks twice a day

**NAPPI development starts with basic production line views**
- More views & more data sources
- New homepage & navigation structure

**Data in many different systems and tools, no common view**

**From idea to steering of refinery**
OUR SOLUTION

Nappi provides real-time views for optimized refinery steering. It enables us to react faster. We have shifted from looking past performance to using data in daily steering.

We have one set of numbers in our use. The whole OP organization uses the same data. Technology is provided to Neste internally by NAPCON.

FUTURE STEPS

Product chain reports
More data integrations (UMS, Petro-Sim)

200 ACTIVE USERS

TO SUCCEED

Customer centric approach & agile ways of working; solution is built iteratively together with end users and constantly develop based on feedback.

Strong collaboration between development & end user teams.
NAPPI'S INTEGRATED DATA

- Process data
- Quality data
- Blend & batches
- Blending performance
- SKED targets

VIEWS FOR DAILY STEERING

- Different views eg. refining, blending & SCM dashboards
- Performance against the targets and plan
- Possibility to update targets online
- Transparency to how changes in one production line will affect others