Standardization of production reporting on the NCS

Magnus Svensson
magsv@dongenergy.no
Why?
Optimize
Tracking
Quality
Reserves
Why?

- Reservoir
- Automation
- Quality
- Tracking
- Legal
- Optimize
- Reserves
WHAT?
Oselvar
The history
2002

- IO Program NCS
- Standardize DPR
- Developed with Energistics
- Reference data ~ 1500 production terms
  ISO15926
2005

- PRODML initiative
- Builds on work in Norway
2006

- DPR 1.0 in production
- XML Schema
- Start monthly production reporting
  Government/Partners
2008

- Monthly production reporting to the government/partners accepted
- Additions mainly in the area of cargo and stock
2011

- EPIM ReportingHub initiative
2012

- Monthly production reporting live pilot with the government
The result
Flow Qualifier

- Allocated
- Target
- Forecast
- Mass adjusted
- Metered-fiscal
- Budget
- Derived
- Potential
- Processed
- Value adjusted
- Nominated
- Simulated
- Estimate
- Measured
- Constraint
Battletest
Battle test -> Challenges

- History - Brown vs green
- Data context
- Manual massaging of data
- Standardization vs new requirements
- I want the same data....
- Identification
- Time and propagation of standard relates to software upgrades
- Physical measurements vs calculated
Benefits

- Automation - Integration
- Quality of data
- Timely distribution
- Tracking and control -> drop manual massaging of data
- Free up resources -> Quality people on quality work
- Follow-up -> early detection