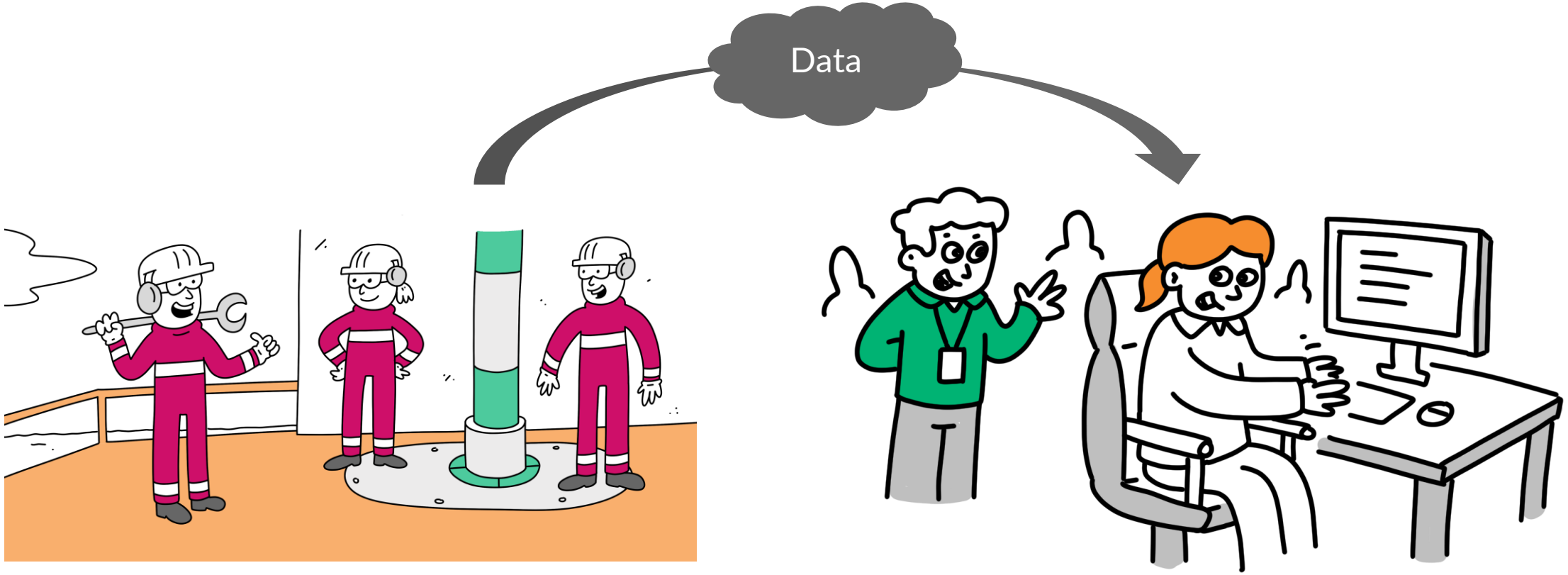
IntelliCalli

Integrity and caliper data always updated and available for data analysis

ICoTA November 20th - Tomas Bolme - AkerBP

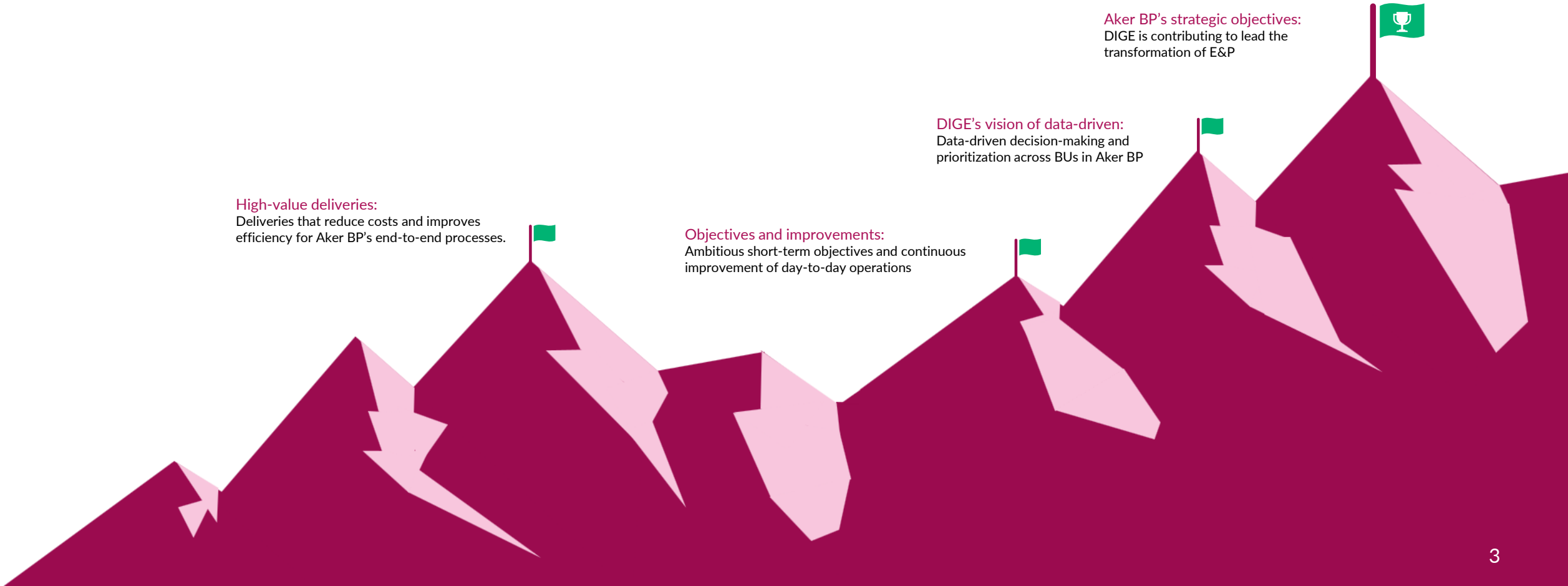
Data Management Interventions and Integrity

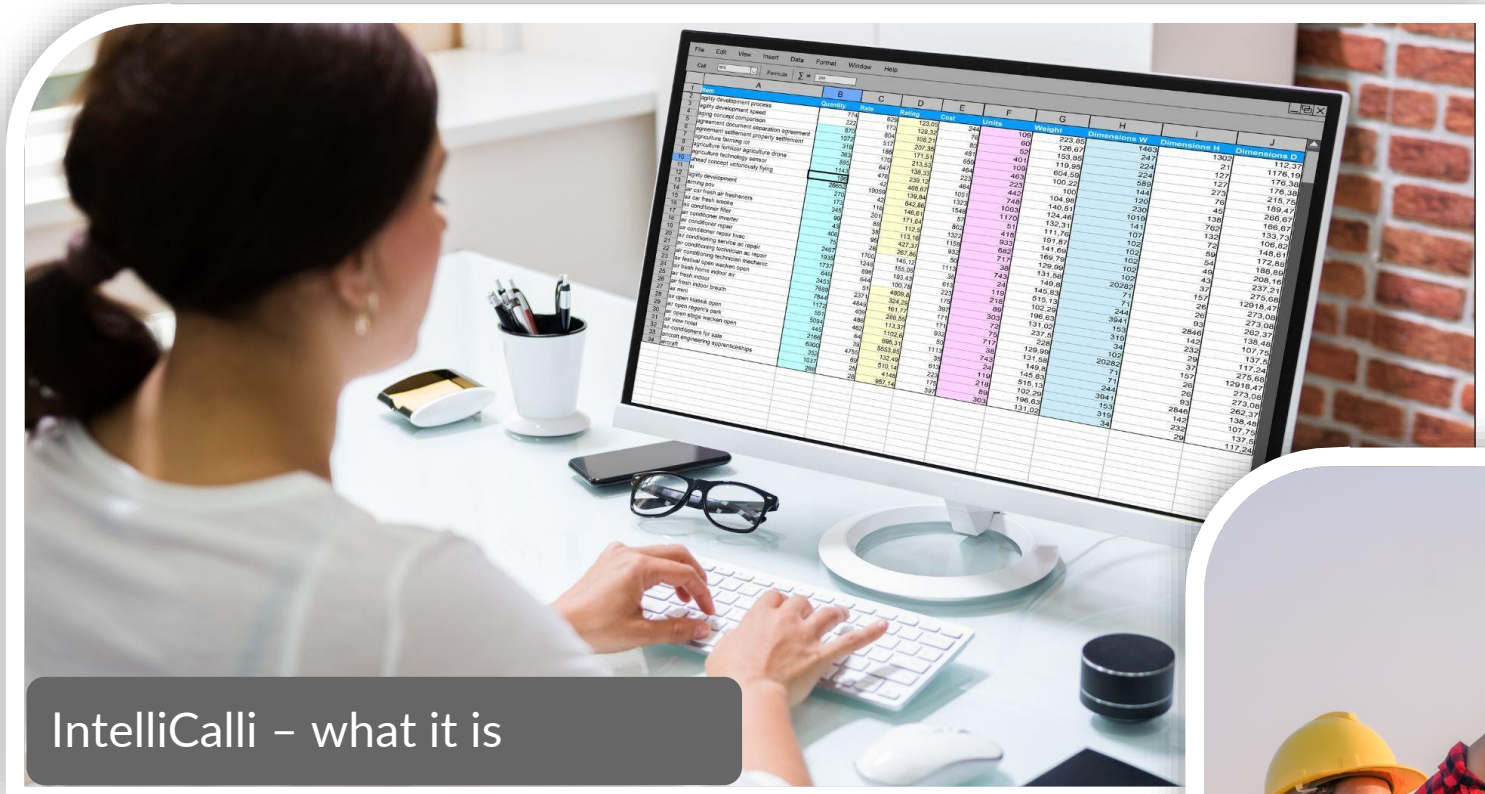


DIGE’s contribution to Aker BP’s strategy

Aker BP’s strategic objectives and ambitions

DIGE’s *main* contribution towards Aker BP’s long-term strategic priorities is to lead the transformation of E&P through digitalization. DIGE’s strategic vision is hence to “***become the world’s first data-driven E&P company***”. Every day, we take new leaps towards realizing this vision by providing high-value deliveries to Aker BP, and by setting stretch objectives and continuously learn and improve.





IntelliCalli – what it is

User experiences

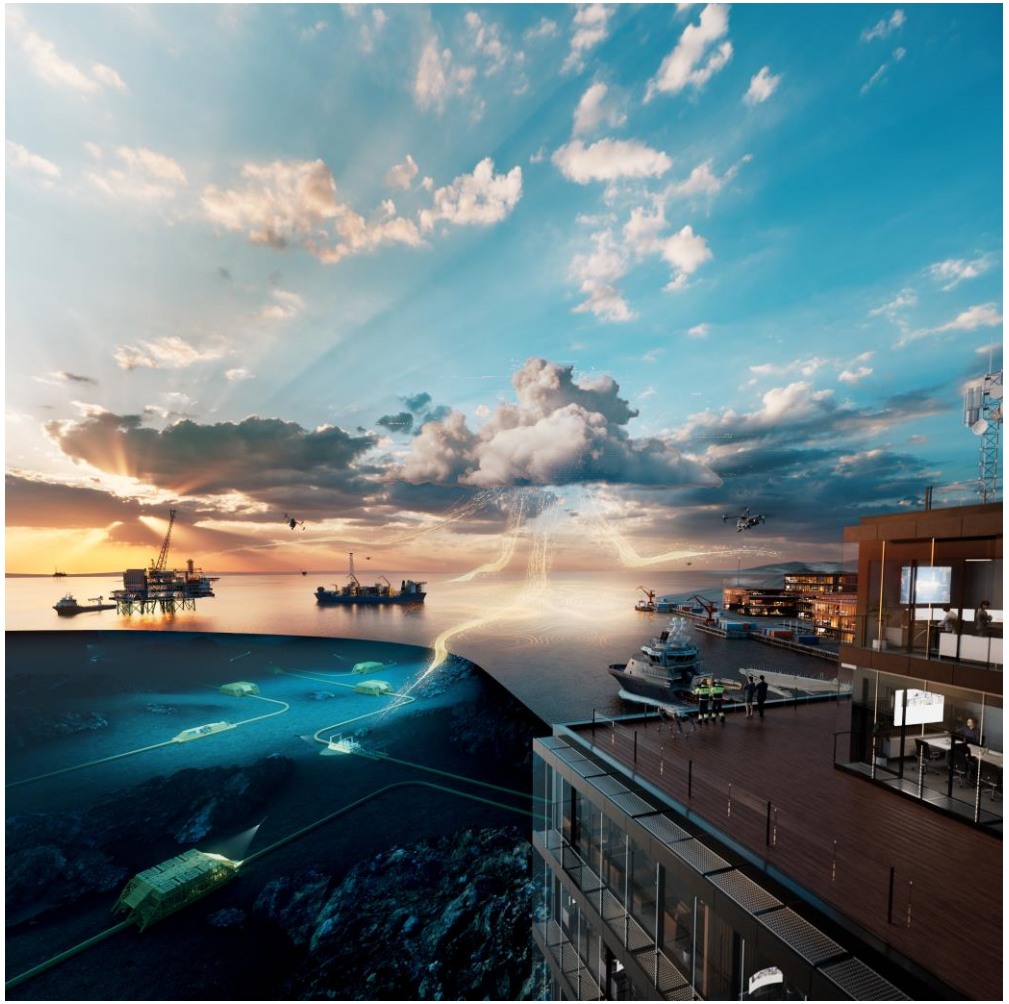
Well interventions and calliper logging

Aker BP

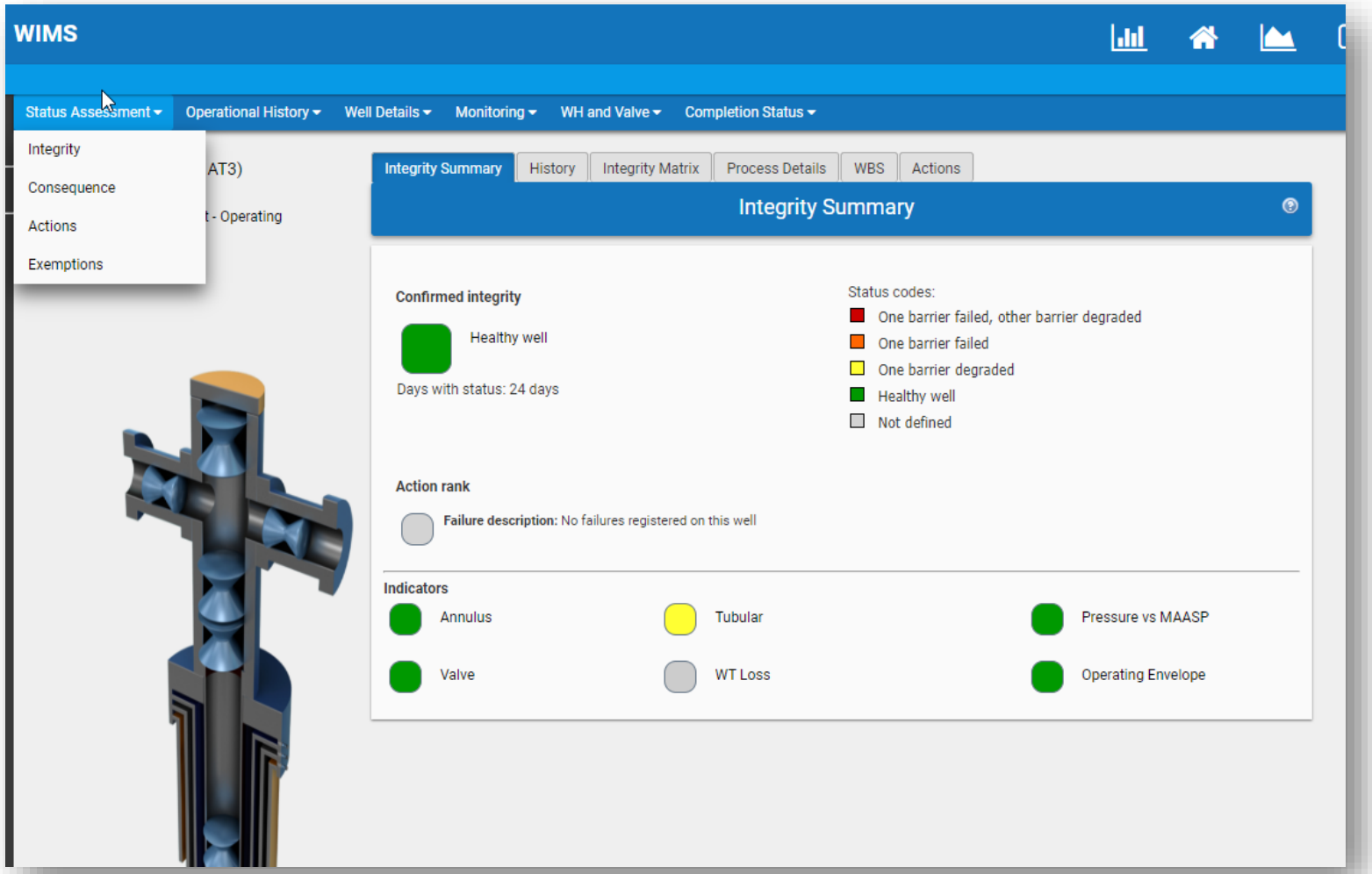
- Valhall (1982)
- Ula (1986)
- Skarv (2012)
- Edvard Grieg (2015)
- Ivar Aasen (2016)

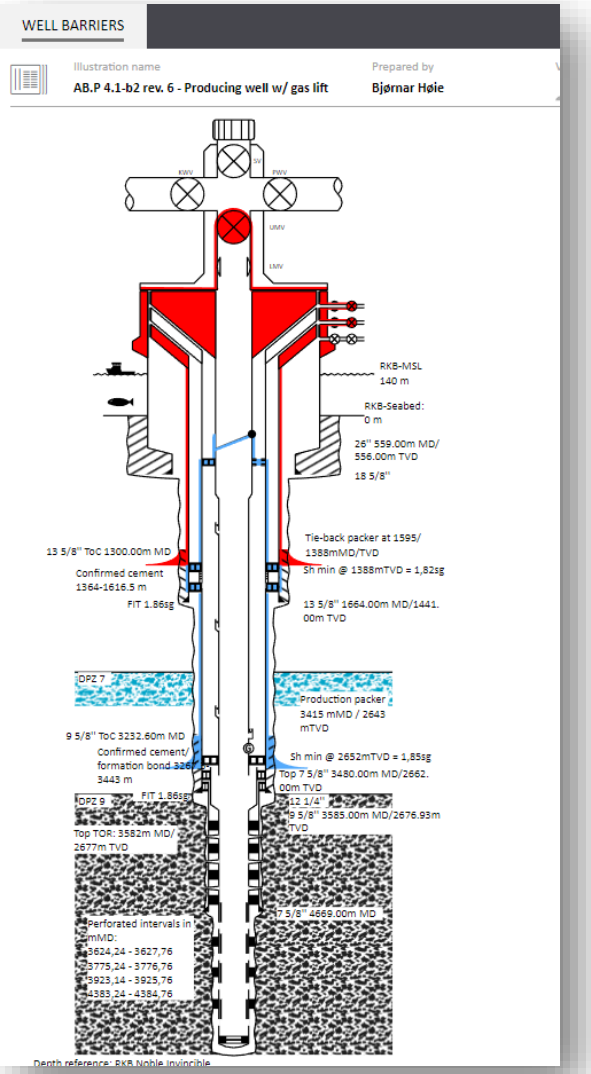
Valhall

- Production since 1982
- 49 producing wells

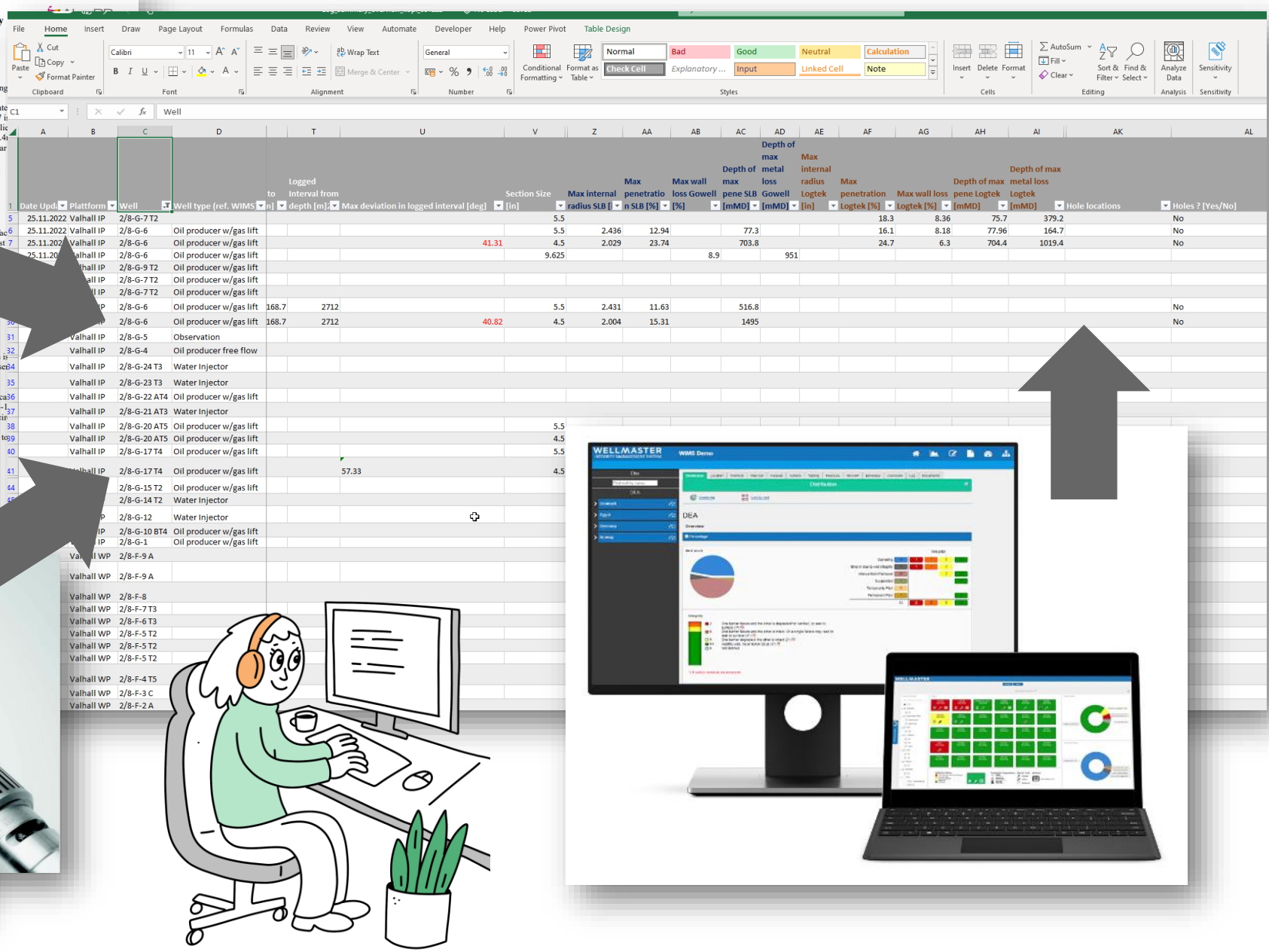


The Well Integrity Team





- Manual work
- Incomplete data
- No data standard
- Hard to analyse
- Outdated data

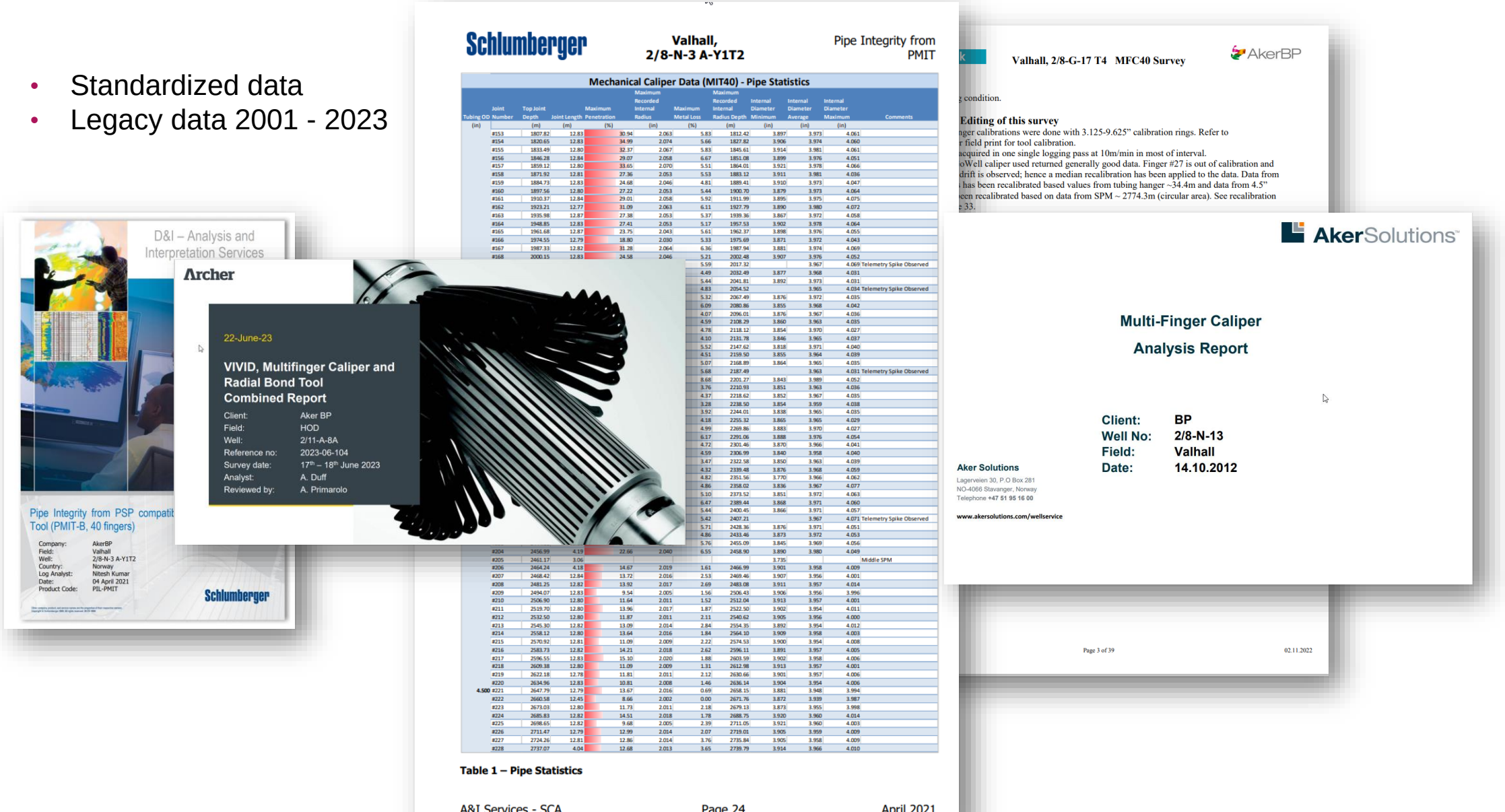


Work method

AGILE METODOLOGY
SPRINT 1
SPRINT 2
SPRINT 3
PLAN
DESIGN
LAUNCH
TEST
DEPLOY
REVIEW
DEVELOP
dreamstime.com
ID 237972457 © Veronika Oliinyk

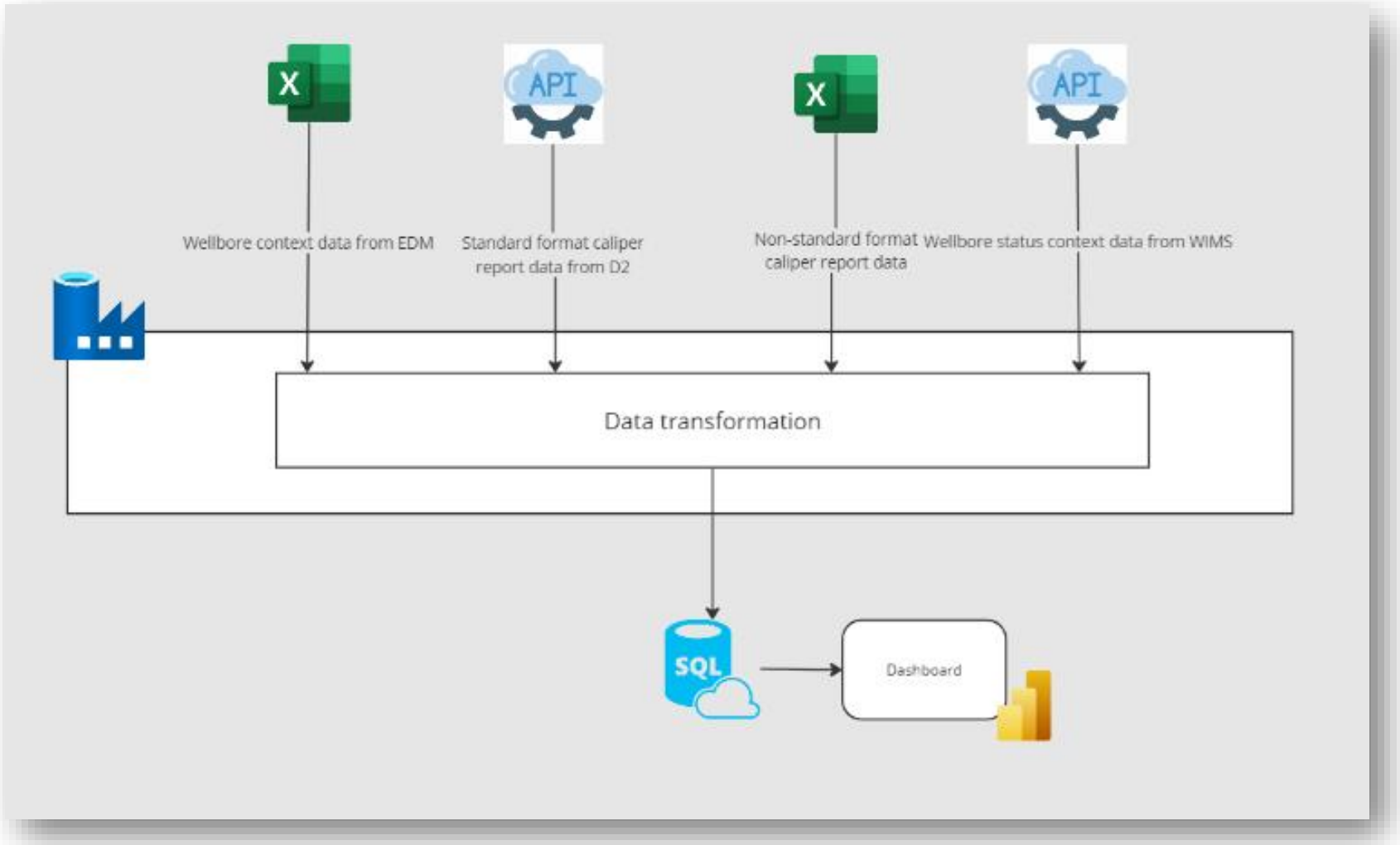
Legacy data/new data

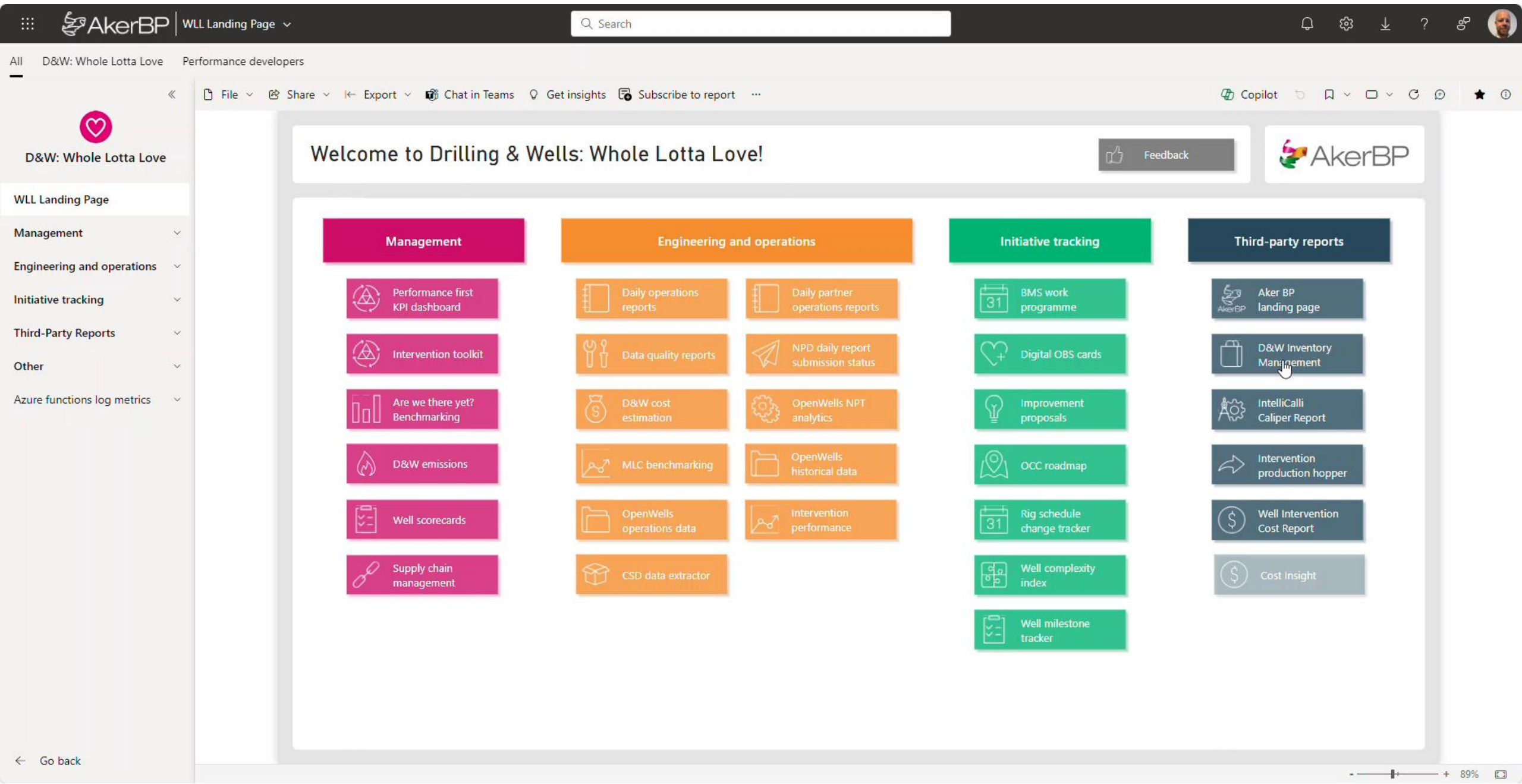
- Standardized data
- Legacy data 2001 - 2023



The solution

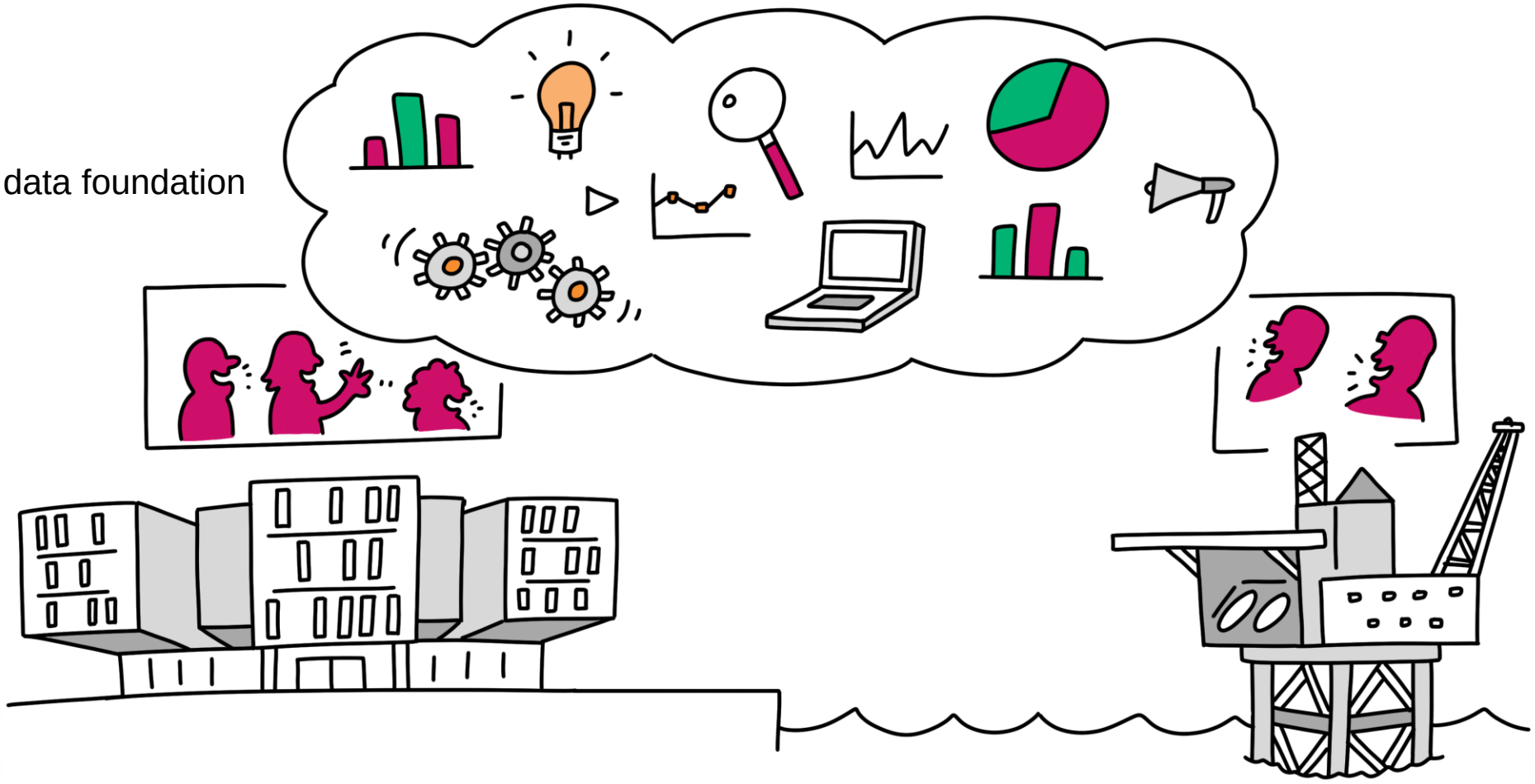
- Aker BP data standards
- Clean up - D2
- API connections
- ETL processes
- IntelliCalli front-end




AkerBP
WLL Landing Page
Search
All
D&W: Whole Lotta Love
Performance developers
File
Share
Export
Chat in Teams
Get insights
Subscribe to report
Copilot
D&W: Whole Lotta Love
WLL Landing Page
Management
Engineering and operations
Initiative tracking
Third-Party Reports
Other
Azure functions log metrics
Go back
Welcome to Drilling & Wells: Whole Lotta Love!
Feedback
AkerBP
Management
Performance first KPI dashboard
Intervention toolkit
Are we there yet? Benchmarking
D&W emissions
Well scorecards
Supply chain management
Engineering and operations
Daily operations reports
Daily partner operations reports
Data quality reports
NPD daily report submission status
D&W cost estimation
OpenWells NPT analytics
MLC benchmarking
OpenWells historical data
OpenWells operations data
Intervention performance
CSD data extractor
Initiative tracking
BMS work programme
Digital OBS cards
Improvement proposals
OCC roadmap
Rig schedule change tracker
Well complexity index
Well milestone tracker
Third-party reports
Aker BP landing page
D&W Inventory Management
IntelliCalli Caliper Report
Intervention production hopper
Well Intervention Cost Report
Cost Insight
89%

Current situation

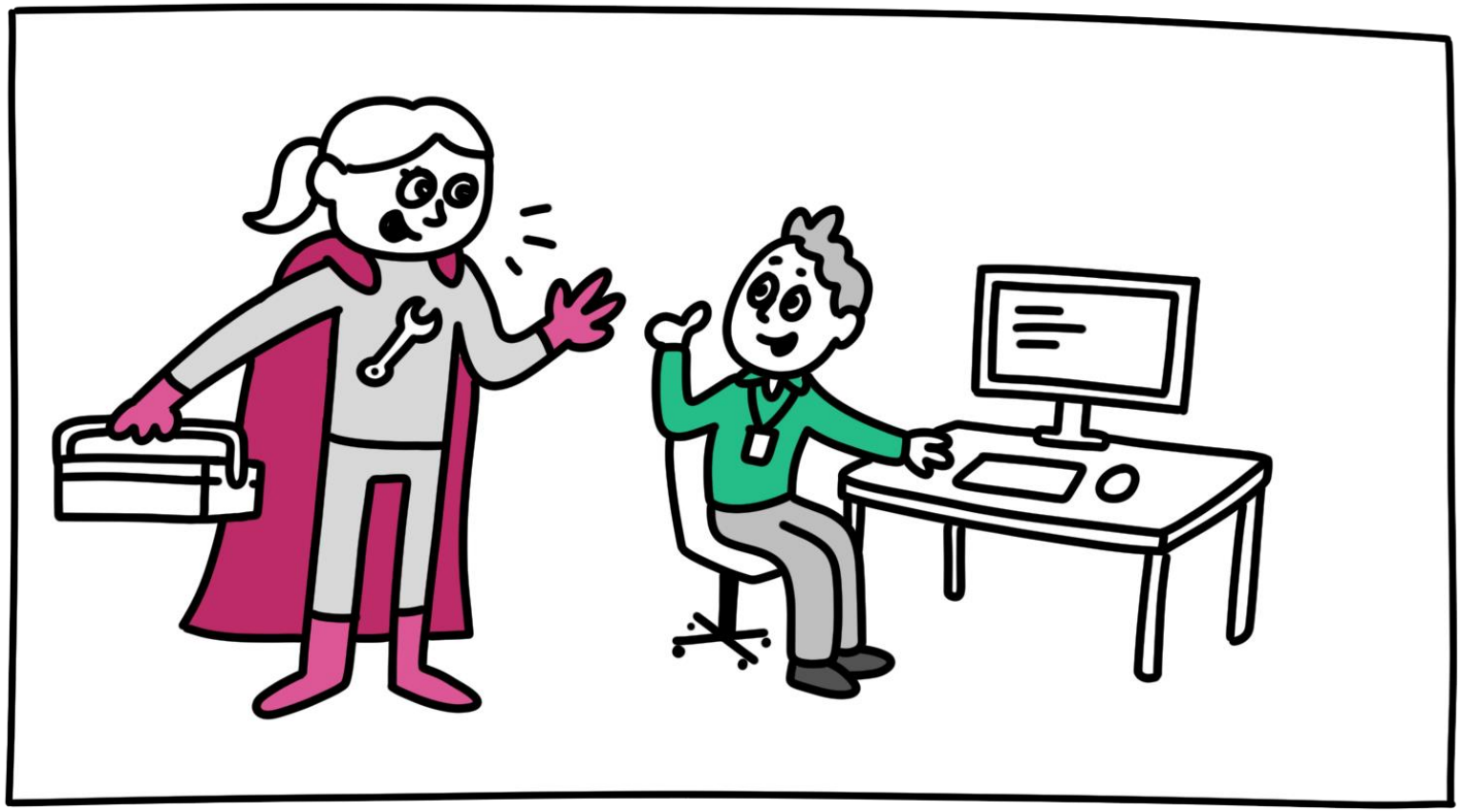
- ✓ Complete legacy data
- ✓ Data standard
- ✓ Automatically updated
- ✓ More data driven
- ✓ Improved analytics and data foundation
- ✓ Highlighted data quality



User experiences

Daily usage

- ✓ Multiple users every day
- ✓ Different user groups
- ✓ Plan for maintenance



Thomas Vold - Well Integrity Engineer

Usage: Monthly
What do you use it for?
It's very simple to access the data and the reports itself with the link to the master source (D2).
I quickly get an overview of the current integrity status on a specific wellbore.
In general, documentation isn't easily accessible, but with IntelliCalli it's a lot more easy.

Why is it useful in your job?
More effective as I get the right data easier. Data availability.

What do you like the most with it?
Simpler overview of all surveys.
I haven't explored the analytic features yet, but they seems interesting.

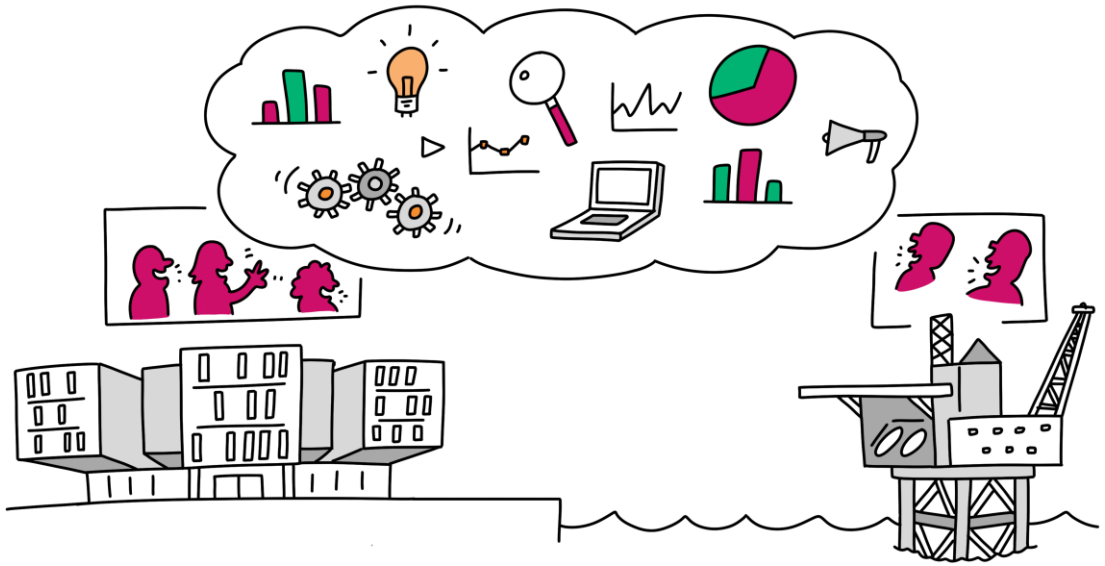
Øyvind Erviksæter - Well Intervention Supervisor

Usage: Weekly when in operation offshore

What do you use it for?
Easily accessing logging data. Before I had to go to the vendors solutions to download the data if I needed them.

Why is it useful in your job?
When in operation and I want to check myself the calliper data for the well, I can with IntelliCalli always find what I need without support from any others. Smoother operations

What do you like the most with it?
The availability of data



Questions?

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