Hvordan kan kraftbransjen bli bedre til å tilby nye og gode tjenester gjennom (IKT-basert) innovasjon?

Smartgridkonferansen 2016
From Norwegian to Global footprint

- More than 530 infrastructure customers in Europe
- More than 60 power & gas customers in Europe and South America
- More than 700 contractor customers in Norway & Sweden
FINANCIAL INFORMATION

Revenues (MNOK)

Revenues outside Norway
Industry 4.0
Digital waves

1st wave Internet

2nd Wave Mobile Internet

3rd wave Internet of Things

4rd wave AI & Robotics

2000 1 billion devices

2010 10 billion devices

2020 50 billion devices

2010
1 billion
devices

2020
50 billion
devices
Innovation is not about technology

“No matter how cool a technical gadget, unless it gets used it’s not considered to be a successful innovation”

Will your dog hunt?
Value adding solutions

Knowledge

Toolbox

Building blocks

Tech
Business
Design
Customer

Analysis
Prediction
Optimization
Automation
Visualisation

Building blocks

Analysis
Prediction
Optimization
Automation
Visualisation

Value adding solutions

Knowledge

Toolbox

Building blocks

Tech
Business
Design
Customer

Analysis
Prediction
Optimization
Automation
Visualisation
Learning Organization

Co-creation with customers

Recruitment

Global Partners

Design Thinking

Innovation Labs

An Interview with Amy Edmondson
Professor, Harvard Business School
Innovation
Key Elements

Radical Ambitions

Service Design Thinking

Co Creation
Innovation
Radical Ambitions

30-80%
1. Invent  2. Test  3. Make
Innovation

Co-creation with customers
Design driven business.

How Design Thinking Transformed Airbnb from a Failing Startup to a Billion Dollar Business
Innovation & Digitalization

User stories

40% Reduced electric grid maintenance cost (Norway)

80% Reduced number of images for maintenance (Global)

30% Total cost reduction large energy company (Germany)

50% Improvements wind power forecasts (Norway + Global)
ENABLING BIG DATA ANALYTICS

Cortana Intelligence Suite
Machine Learning

Powel Asset Performance Suite
Innovation
Learn Fast

Radical Ambitions

Service Design Thinking

Co Creation
The bigger the challenge. The bigger the opportunity.

What is your challenge?

Join us for our Hackathon 2016!
innovation@powel.no