The Role of Data and Standards in our Modernization and Transformation Journey
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Contents

• Digitization... the fourth industrial revolution
• Impact on world energy systems
• Information and Technology vision
• Transformation levers
• Role of standards
Digitization – the fourth industrial revolution

1\textsuperscript{st} revolution
18\textsuperscript{th} century

2\textsuperscript{nd} revolution
19\textsuperscript{th} century

3\textsuperscript{rd} revolution
20\textsuperscript{th} century

4\textsuperscript{th} revolution
21\textsuperscript{st} century

Water/steam
Electrification
Automation
Digitization

Source: BP Technology Review, 2018
We estimate that application of digital tools, including sensors, supercomputing, data analytics, automation and artificial intelligence (AI), all supported by the networked computers of the ‘cloud’, could reduce primary energy demand and costs in sectors of the energy system by 20-30% by 2050.

Source: BP Technology Outlook, 2018
BP strategy – platform for growth

Shift to gas and advantaged oil in the upstream

Market-led growth in the downstream

Venturing and low carbon across multiple fronts

Modernizing the whole group

Source: BP Strategy Update, 4Q 2017
Our Purpose

We solve big complex challenges with our data and technology expertise to advance the energy transition

Source: BP IT&S

IT&S
Themes to deliver Information and Technology at Pace

- Sourcing & Skills
- Business demand
- Operations
- Change
- Platforms & Automation
- Application Transformation

Source: BP IT&S
Standards are a key enabler of digital delivery at pace

PIDX Standards help drive eBusiness adoption, integration cost reduction, and improve overall Business Processes Efficiencies.
Q&A