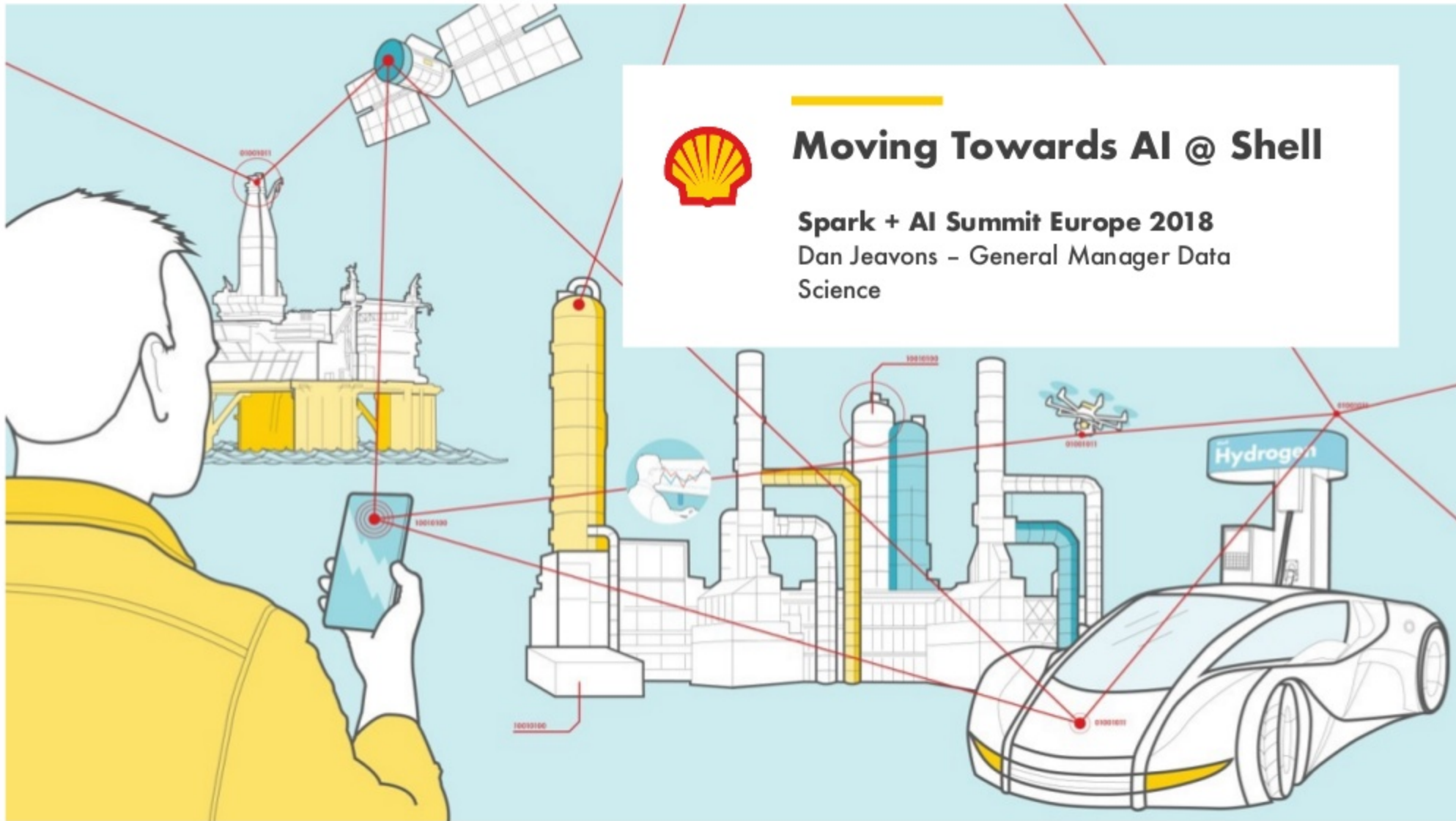




Moving Towards AI @ Shell

Spark + AI Summit Europe 2018

Dan Jeavons – General Manager Data
Science



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Digitalisation has a role in tackling climate change

ENERGY

Digital technologies can enable the integration of renewables onto the grid, improve efficiency and heighten transparency.

HEALTH

Digital technologies will put "a doctor in your pocket," allowing users to manage their own health via their smart device.

BUILDINGS

Digital technologies will increase comfort and reduce energy and water bills.

WORK & BUSINESS

Digital technologies enable telecommuting, virtual conferencing and save employees time and money.

FOOD

Digital technologies can help raise productivity and reduce food waste onto the grid, improve efficiency and heighten transparency.

LEARNING

Digital technologies can make education accessible, engaging, flexible and affordable.

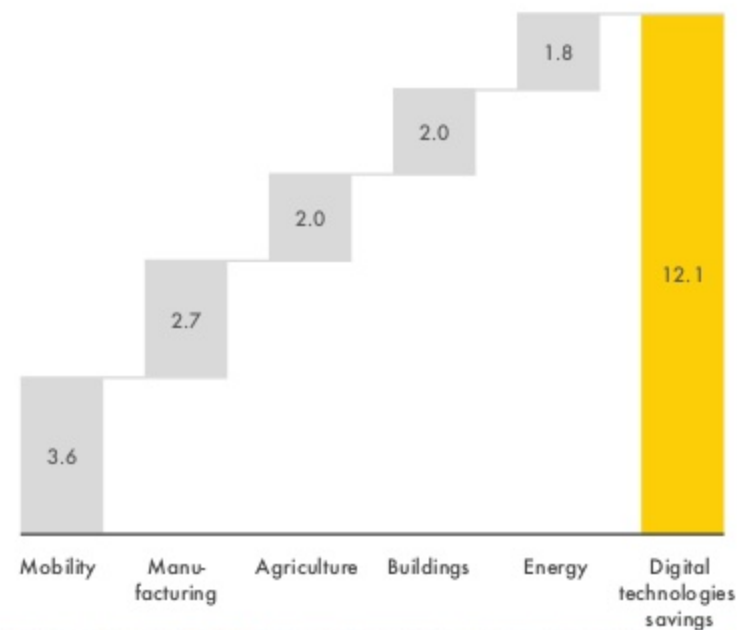
MOBILITY & LOGISTICS

Digital technologies can help everyone reach their destinations faster, cheaper and safer.

MANUFACTURING

Digital technologies will place the customer at the center of a user focused service, cutting resource inputs at the same time.

mtCO_{2e} abatement potential by sector (2030)



Global e sustainability initiative Smarter 2030 report

Opportunities

Video Analytics for Retail

Alerting Retail Station Service

Champions to Unsafe Behaviour



Reward Engine (LION)

Providing improved customer insights to tailor offers

iBlend

Improving Blending processes for Lubricants

GeoDesic

Optimized Well Drilling through improved Geosteering

GeoCrawler & SaltCrawler

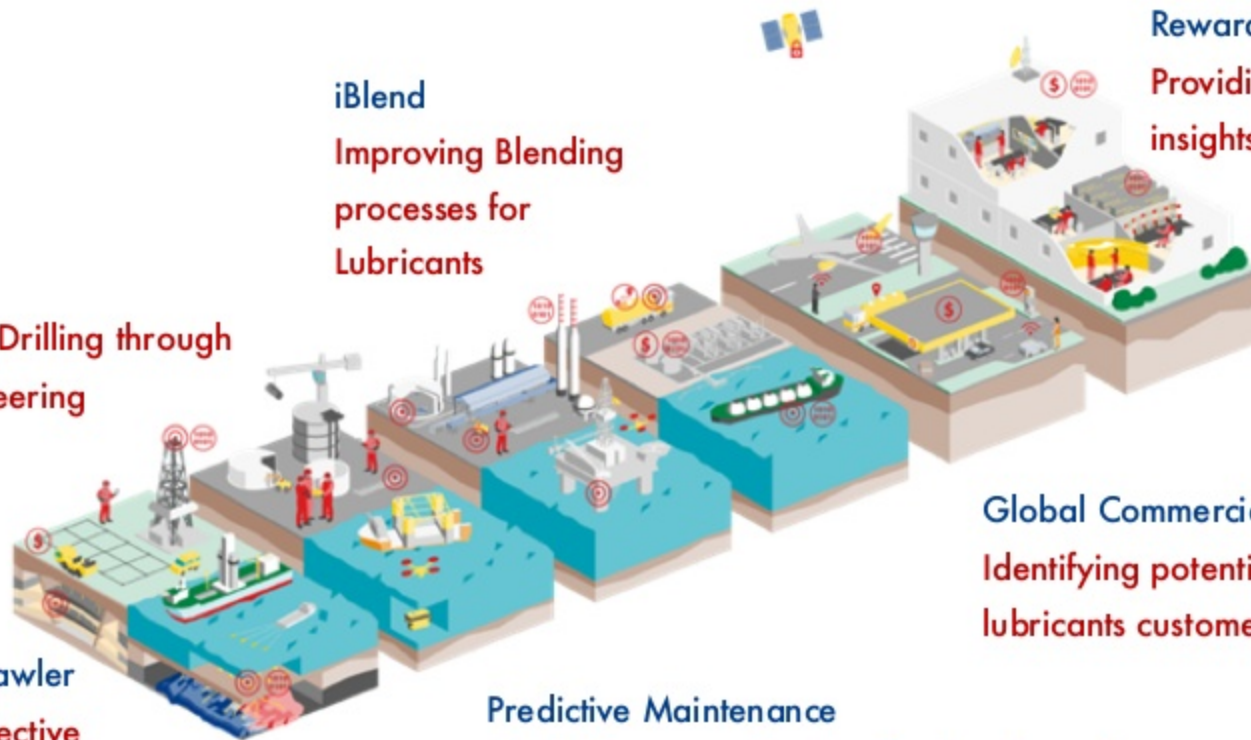
More efficient and effective Subsurface Interpretation

Predictive Maintenance

Predicting anomalies in critical equipment like compressors and valves

Global Commercial Lead Identification

Identifying potential leads for B2B lubricants customers



The Intelligent Cloud & Intelligent Edge





Building Momentum

2,000+

Members of the Analytics Network

120+

Data Science Professionals in the Digital CoE

550+ Users of Digital Lab

Our standard workbench for Data Scientists,

100+

Data Science projects in flight across Shell. Projects in every major business and function

15

Digital Accelerator Projects Selected by the Executive Committee

40+

Network events in 2018

7+

Hackathon Events in 2018



<http://www.shell.ai>

Making Energy Smarter

