Day One: January 22nd 2020

08:00	REGISTRATION and COFFEE
08:40	**CHAIR'S WELCOME AND OPENING REMARKS** **Hege Kverneland,** *Corporate Vice President and Chief Technology Officer,* **National Oilwell Varco**
08:45	**KEYNOTE PRESENTATION** **IoT & Digitalization: Today's Buzzword!** • What do we mean by IoT & Digitalization? • Can IoT & Digitalization change processes and how we work? • What areas in Oil & Gas will IoT & Digitalization effect? • Who benefits? And who is paying? • Renewable Energy: Can digital technology slow the growing threat? **Hege Kverneland,** *Corporate Vice President and Chief Technology Officer,* **National Oilwell Varco**
09:15	**THOUGHT LEADER PRESENTATION** **Károly Ott** *Data Innovation Leader* **MOL Group** **Tibor Komroczki** *Head of Process Information and Automation* **MOL Group**
09:45	**THOUGHT LEADER PRESENTATION** **Making Digitalization our good practice** **Laura Brunetti** *Head of Change Management & Digital Promotion Initiatives* **Eni Digital Unit**

10:15	NETWORKING COFFEE BREAK	
	PRE-SCHEDULED 1-2-1 MEETINGS	**10:40 HOSTED ROUND TABLE**
		Could IoT finally trigger the golden era of digital oilfields? **Filip Stroobant** *Business Unit Manager Digital Oilfields* **Ipcos** IPCOS
11:25	**CHANGE MANAGEMENT HEADLINE SESSION** **Implementing the Change Management Process to Work at Optimal Efficiency across the Board** - Evaluating best-practice strategies for removing barriers to change - Choosing the right leadership team - Addressing cultural issues - Shining a positive light on IoT and its digital counterparts - Encouraging employee involvement and interaction from a very early stage - Why communication is key - Gaining insight into macro processes **Andrew Nobbay** *Finance Director – Performance Improvement* **Occidental Oil and Gas**	OXY **Occidental Petroleum**
11:55	**ADVISORY SESSION** **So, you've started your AI program - What now?** - Getting optimal value from your AI program - AI deployment: Why does it take so long? - How to manage your AI models - Successfully scaling AI across 1000's of edge devices - Overcoming the connectivity and edge device conundrum **Dr. Paul Seccomb,** *Commercial Lead,* **Arundo**	ARUNDO

12:25	NETWORKING LUNCH
13:40	**DATA ANALYTICS PANEL DISCUSSION** **Paving the Path Forward; Taking a Data-Driven Approach in an Asset Driven Industry** - Transitioning from a model-driven to a data-driven world - Gaining a better understanding of a data-driven approach - Putting AI algorithms into effect - Factoring in and overcoming main hurdles in advanced data analytics today - Evaluating where data analytics can have a significant effect - Identifying actionable intelligence and solid conclusions to certify the best outcomes **Vitaly Elichev,** *Senior Production Technologist, Global Technology and Innovation,* **Wintershall Holding GmbH** **Károly Ott,** *Data Innovation Leader,* **MOL Group** **Tibor Komroczki,** *Head of Process Information and Automation,* **MOL Group** **Alexander Klebanov,** *Data Scientist,* **Chesapeake Energy**
14:20	**DATA PLATFORMS PRESENTATION** **Launching Data Platforms to Maximise Operational Intelligence and Return** - Data sharing in fragmented industry - Compliance: Understanding data, security and testing requirements - Creating a data platform to establish optimal integration of services - Choosing the right provider to partner with - Infrastructure: Sharing, transmitting and deriving value from your data - Data platforms of the future: What's next for Oil and Gas? **Einar Landre** *Leading Analyst IT,* **Equinor**

14:50	**CONNECTIVITY ADVISORY SESSION** **Revolutionizing Upstream Oil & Gas through Distributed Data Integration**	
15:20	**NETWORKING COFFEE BREAK**	
	PRE-SCHEDULED 1-1 MEETINGS	**16:05 HOSTED ROUND TABLE**

16:30	**ROBOTIC PROCESS AUTOMATION CASE STUDY**
	
	Gaining Insight to a Successful RPA Programme – Lessons Learned from a Leading Operator
	
	Shining a light on ENGIE's RPA programme with respect to:
	
	   – The Maturity Model
	   – Delivering Customer Service Excellence with RPA
	   – Uncovering the top 5 critical success factors for RPA
	   – What are today's current RPA trends and insights?
	   – Exploring ENGIE's transition to using AI
	
	Martin Ruane
	Programme Director, **ENGIE UK**	

17:00	**CYBER SECURITY SESSION**	
17:30	**CHAIR'S CLOSING REMARKS** **Hege Kverneland** *Corporate Vice President and Chief Technology Officer* **National Oilwell Varco**	
17:40	**END OF DAY ONE AND DRINKS RECEPTION**	

Day TWO: January 23rd 2020

09:00	**CHAIR'S WELCOME AND OPENING REMARKS** **Hege Kverneland** *Corporate Vice President and Chief Technology Officer* **National Oilwell Varco**
09:10	**PREDICTIVE MAINTENANCE SESSION** **Exploring asset health as a key driver for your maintenance planning** • Reactive to predictive maintenance – Clarifying the benefits of IoT integration • Exploring how AI and machine learning can be leveraged • Taking stock of next-generation solutions for predictive maintenance • Revealing the outcomes of predictive maintenance to date **Csaba Fehér** *Head of Maintenance and Technology,* **MOL**

09:40	**DIGITAL TWINS HEADLINE SESSION**
	
	Digital Twins for offshore Oil & Gas Developments
	
	• Gaining insight into Digital Twins from design to pre-operation to operations
	• Uncovering the benefits of Digital Twins in terms of:
	  – Optimising production
	  – Improving design of process and control systems, including flow assurance considerations
	  – Training operators, reducing risks and enhancing performance
	  – Maximising reliability, operability and maintainability for actual physical conditions
	• Lessons learned from a leading operator
	• How has a holistic usage of digital twins provided significant value across an offshore oil and gas development
	
	David Hartell
	Senior Development Manager
	Premier Oil, UK

10:10	**CASE STUDY SESSION**
	Total Marketing and Services Case Study
	• Geolocate trailers • Track pairing of trucks & trailers • Plan maintenance operations of trailers • Optimize investment in the trailers fleet
	Gilles Villautreix *B2B Digital Department Manager* **Total Marketing and Services**
	Alexandre Bidault *Data & IoT Product Manager* **Total Marketing and Services**
10:30	**NETWORKING COFFEE BREAK + PRE-SCHEDULED 1-2-1 MEETINGS**
11:40	**BLOCKCHAIN SESSION**
12:10	**CASE STUDY PRESENTATION**
12:40	**NETWORKING LUNCH**
14:00	**CASE STUDY PRESENTATION** **Implementing a cross-business IoT platform at Total**
14:30	**EDGE COMPUTING SESSION** **Innovation at the Edge**

15:00	**INTEROPERABILITY ADVISORY SESSION** **OPC UA as enabler for Industrial Interoperability including Oil & Gas market** • OPC Foundation: The independent interoperability foundation • OPC UA: Secured, standardized information exchange from sensor to cloud • Status OPC UA in the world of Oil & Gas • Future – What's next? **Alexander Allmendinger** *Test Lab Manager,* **OPC Foundation**
15:15	**SECURITY SESSION** **Gaining Insight to Security Risks, Solutions & Regulations for the Oil & Gas industry** • Uncovering critical IoT security risks • To what extent are cybercrimes developing; size, scale, sophistication… • Implementing pre-emptive security measures • Understanding current legal requirements • IoT requirements for European Data Protection Regulation (GDPR) compliance **Imad Aldhfiri** *Cyber Security Risk Specialist,* **Saudi Aramco**
15:45	**KEYNOTE CASE STUDY** **Autonomous Robot for Gas and Oil Sites (ARGOS) Lessons Learnt and Next Steps** How Total's international Robotics competition led to launch of the world's first autonomous certified robot safe for use in a potentially explosive atmosphere • Spotlight on the ARGOS (Autonomous Robot for Gas and Oil Sites) Challenge • How the Total-Taurob collaboration will continue post challenge • Industrial deployment of the robot • Integrating advanced data science into a cloud/edge processing infrastructure. **Kris Kydd,** *Head of Robotics,* **Total**
16:15	**CHAIR'S CLOSING REMARKS AND END OF SUMMIT**