Collecting and Sharing Digital Outcrop Data for Virtual Fieldtrip Delivery in Times of Global Lockdown

Martin Ecclestone
EBN B.V., The Netherlands

Wells are required to access hydrocarbon and geothermal resources and for deployment of CCUS. Drilling wells often generates significant risk exposure for safety, capital and reputation. To support sustainability, it is in the interest of all stakeholders that every well is drilled safely and successfully. Over many decades, the Oil & Gas industry has, through the use of multi-disciplinary Well Lookbacks, After Action Reviews and Incident Investigations, identified and implemented many well delivery related learnings to drive continual improvement in the O&G well delivery process.
This talk provides an overview of the multi-disciplinary geoscience input data gathered, integrated and communicated to O&G well engineers prior to spud to support safe, cost-effective and quality well design. A number of key process safety considerations will also be shared. It is hoped that the presentation content will encourage geoscientists involved in well planning activities, to constructively review how geoscience input can be better leveraged and communicated to well engineers to improve the safety and effectiveness of their corporate well delivery process.