

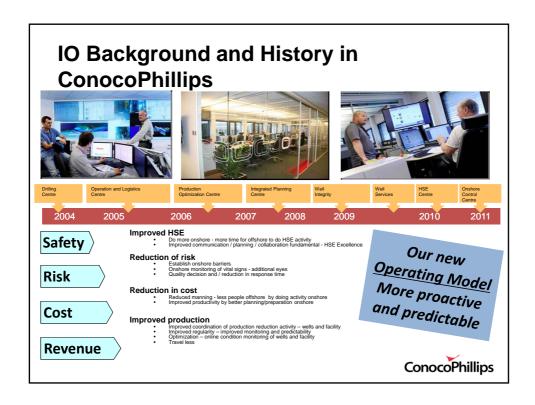
Agenda

- IO Background and History in ConocoPhillips
- Challenges in drilling operations, today and in the near future
- How has IO improved the situation, what are the remaining gaps
- The role of information technology in supporting IO processes
- The CODIO solution for collaboration and decision making

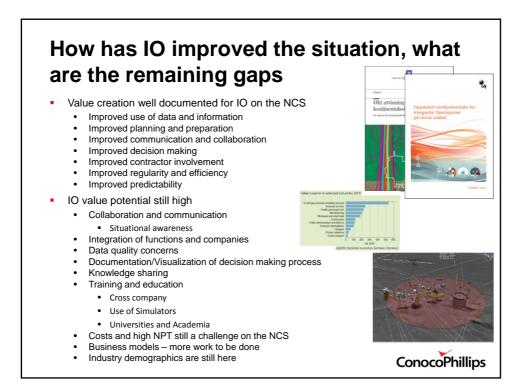




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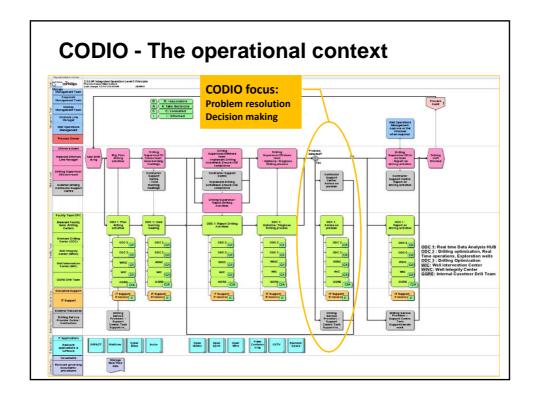
The role of information technology in supporting IO processes

- IT is already an indispensable part of IO but has more to offer!
- IT for data integration and visualization
- IT for improved awareness and collaboration
- IT for faster and better decision making
- IT for work process support and compliance





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CODIO - Scoping of the solution COllaborative Decision making in IO

- Applicability area. Focus on collaboration and decision making needed to resolve "Problems detected" in drilling operations
- Collaboration support. Facilitate and support informal and light-weight collaboration between actors in problem resolution
- Relevant information. Bring forth and present relevant information for problem resolution, suppress irrelevant information
- Decision support. Implement a flexible "Assess-Decide-Act" framework for decision support
- Knowledge management. Each problem episode, whether successfully resolved or not, may result in a lesson learned
- Rich visualization. Use visualization to maximal effect in the users' interactions with CODIO

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