

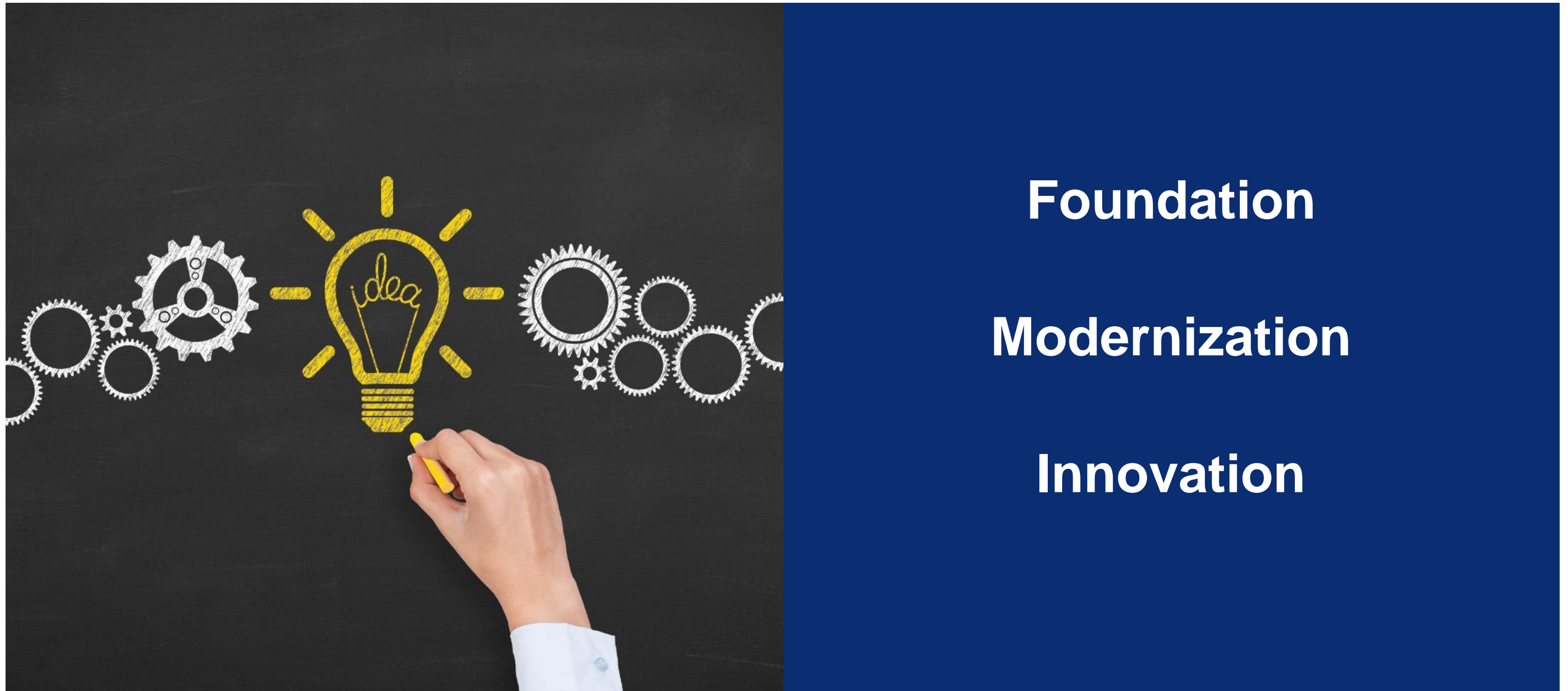


Digital Transformation: pitfalls & opportunities

Michelle Pfleuger
Scott Neal
Jake Umbriaco

This document is intended only for use by Chevron for presentation at the Schlumberger Digital Forum, Sept. 20-22, 2022, and inclusion by Schlumberger Digital Forum in their official handouts. All rights are reserved. No portion of this document may be copied, displayed, distributed, reproduced, published, sold, licensed, downloaded, or used to create a derivative work, unless the use has been specifically authorized by Chevron, and other rightsholders as may be appropriate, in writing.

Digital portfolio investment



Foundation

Modernization

Innovation

Why partner with Microsoft and Schlumberger?



Chevron

Differentiation through integration, digital imperative



Microsoft

Enterprise cloud model, data integration



Schlumberger

DELFI Platform, OSDU donation

Gulf of Mexico business unit DELFI deployment experience



Development planning for maximum returns



Improve predictability of subsurface outcomes

Strategy



Lower cost and shorter cycle facilities



Improve producing asset performance



Scope

12+ deepwater producing assets
5 major capital projects
Deep exploration prospect queue
>300 MBOED by 2026

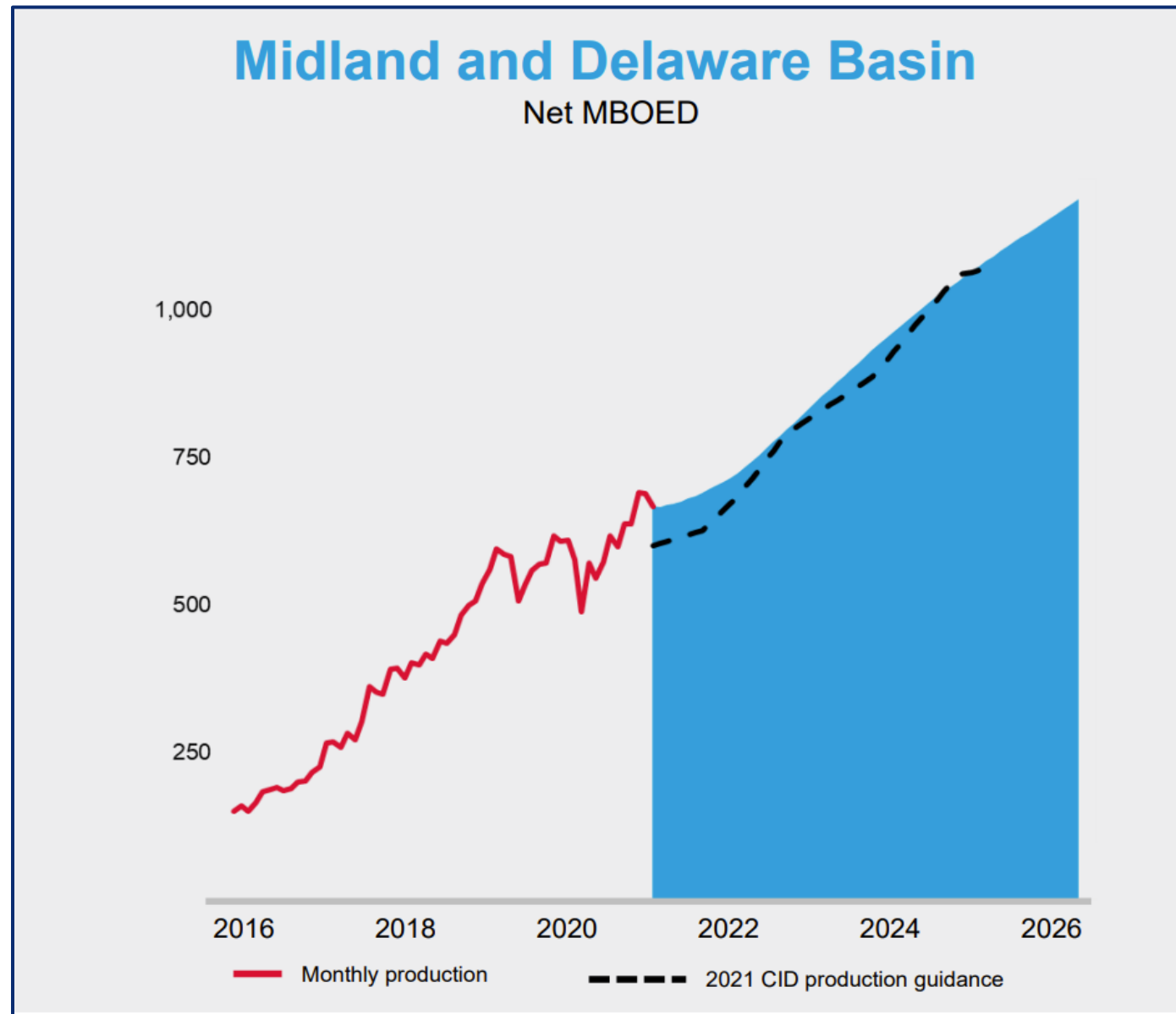
Priorities

Physics based models & simulations
Complex trade-off analysis
Standardization and innovation

Challenges

Speed of simulation/modeling updates
Speed to analysis/insight

Mid-Continent business unit DELFI deployment experience



Scope

- **>30,000 Permian horizontal wells in 10 years**
- **2 million acres**; scope of company operated, NOJV and royalty positions
- **Scores of competitors and dozens of development strategies**

Priorities

- **Use all the data**; high volumes of well data plus seismic, production and novel surveillance data
- **Standardization and innovation** supporting high volume throughput to support business needs
- **Physics and data-driven solutions** supported by transparency and collective ownership

Challenges

- **Rate of change** and adoption of new workflows
- **Trust in the data, methodology, and results**
- **Digital fluency**

Get into the race! Partnering lessons-learned

Teaming across organizations

Delivering at scale

Aligning forward vision

Q&A