

## **Powering Forward: 2025 Energy Transition Snapshot**

Insights from L.E.K.'s 7th Annual Global Energy Study

## **Diverging** investment priorities

Investment across the energy sector remains strong, but priorities are pulling in different directions.

Executives are balancing ambition with execution realities — channelling capital where near-term impact and commercial viability are clearest.



**O&G:** Disciplined



### growth, targeted transition Maintaining capital discipline in core operations while selectively increasing investment in proven

transition technologies such as carbon capture, efficiency and alternative fuels.

**Renewables: Growth** 



### Expanding grid and storage infrastructure to meet

surging electrification and data-centre demand.

### meets reality Continuing to expand capacity, but with sharper cost focus and

execution discipline amid policy and supply-chain uncertainty.



## Modernization and flexibility are now mission-critical

Grid under pressure



of utility leaders see rising reliability risk from intermittent renewables



Behind-the-meter: The flexibility fix

Scaling fast but still a short-term solution





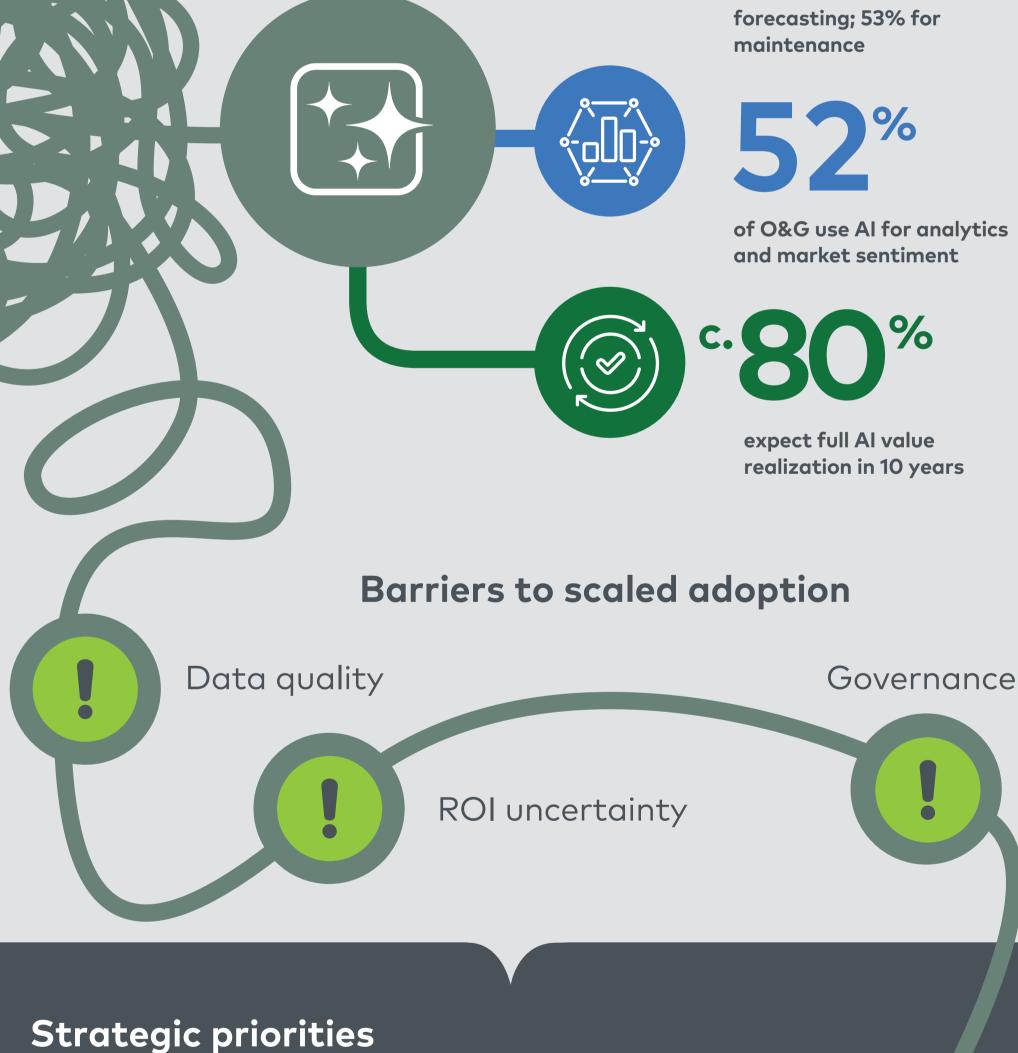
of O&G firms without grid confidence now using BTM

# most still see BTM as a <2-year solution

of utilities use Al for

Al goes operational

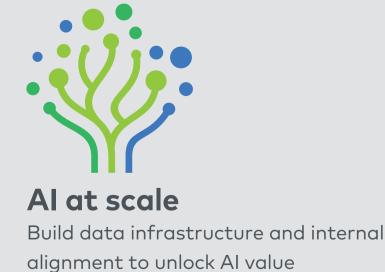
From pilot phase to performance driver



**Disciplined investment** 

Focus spend on commercially viable projects and selective M&A with storage

Disciplined moves in a constrained environment





Use BTM as a stopgap while navigating turbine and grid delays

Flexible infrastructure

Take a closer look



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