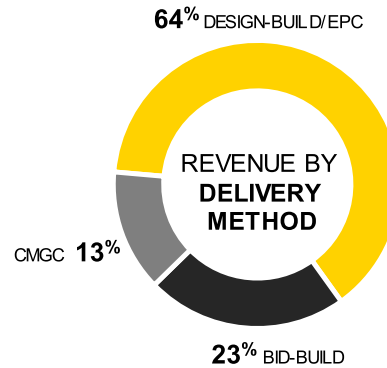
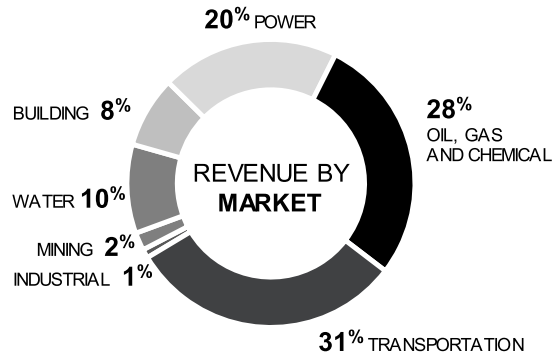




CREATING PROJECTS THAT TAKE T-M-C STORAGE TO THE NEXT STEP IN COMMERCIALIZATION

DIANE FISCHER

KIEWIT OVERVIEW



\$12.1 billion earned revenue in 2021.

\$10.3 billion yearly average over the past 10 years.

Fortune 500 company for 20+ years.

One of the largest employee-owned construction and engineering firms in North America.

50+ million direct-hire manhours annually.

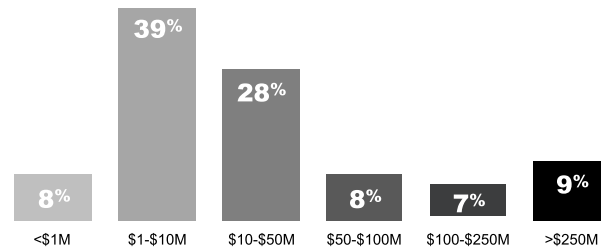
Self-performing scopes of work provides significant safety, quality and schedule advantages to our projects.

28,800 employees of mobile workforce.

16,400 craft
12,400 staff

PROJECTS BY CONTRACT VALUE

No job is too large or too small. We deliver world-class solutions to projects of every size



ENERGY TRANSITION MARKETS



RENEWABLE POWER

Offshore wind
Onshore wind
Solar
Geothermal
Hydropower



RENEWABLE FUELS

Renewable diesel
Sustainable Aviation Fuel (SAF)
Renewable natural gas



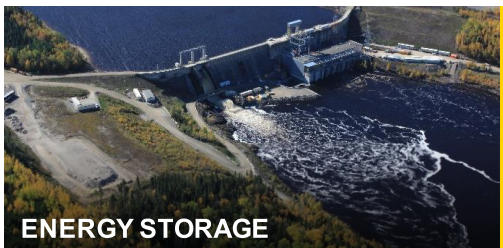
CARBON CAPTURE

Pre-combustion
Post-combustion
Direct Air Capture (DAC)
Utilization
Gathering/Purification
Other



ALTERNATIVE FUELS

Hydrogen
Ammonia
Electrification



ENERGY STORAGE

Battery (BESS)
Hydroelectric energy storage
Other storage



CHEMICAL RECYCLING

Pyrolysis
Solvent

REGULATORY DRIVERS



ENVIRONMENTAL DRIVERS

- Net Zero Targets
- Renewable Energy Portfolio Standards



RELIABILITY STANDARDS

- Grid stabilization requirements
- Rate recovery programs



CAPACITY STANDARDS OR CREDITS

- Energy storage qualifying
- Use in “peaker” mode



TARGETED ENERGY STORAGE PROGRAMS

- Increased funding
- Focus on longer duration technology

CONSTRUCTABLE/SCALABLE

FACTORS IMPACTING VIABILITY

Dependence on
Infrastructure



Dependence on
Geography



Equipment &
Material Supply



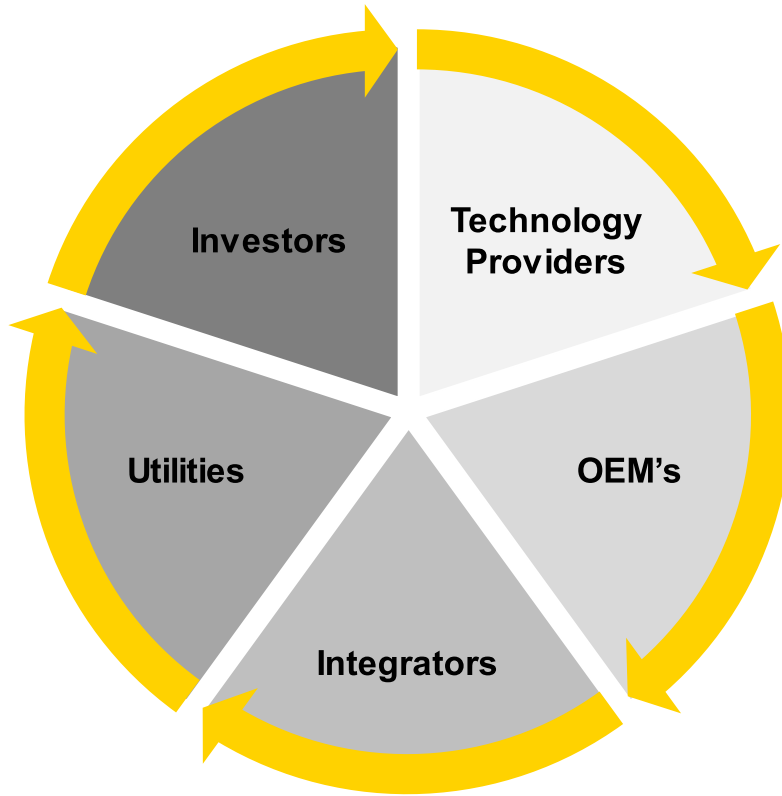
Industry
Experience



Overall
Economics

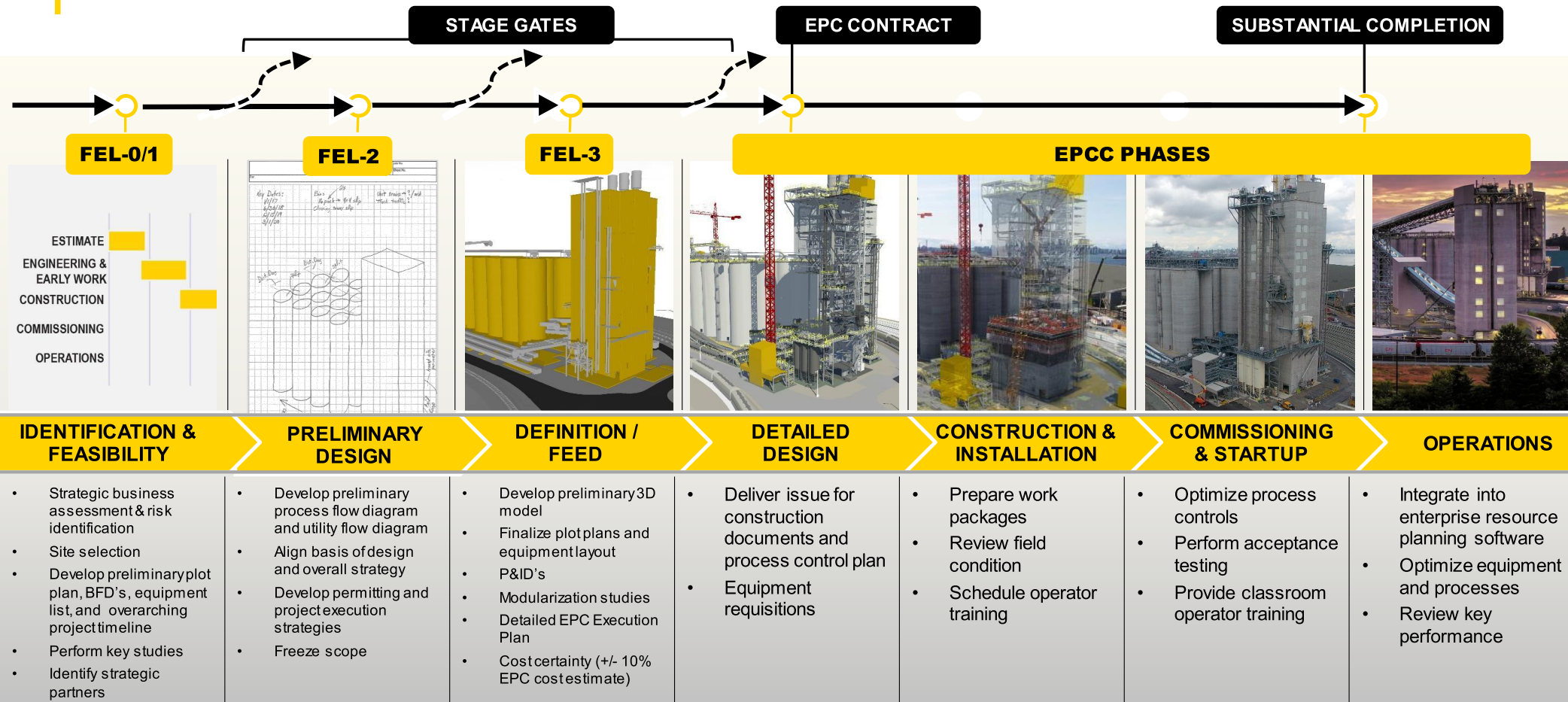


PARTNERS / COLLABORATION



- Projects tend to be more viable as a collaboration
- All parties play an important role in project success

PROJECT DEVELOPMENT IMPROVES COST CERTAINTY





QUESTIONS?

DIANE FISCHER, P.E.

Director, Generation Services and Long Duration Energy Storage,
Engineering and Consulting Services

KIEWIT ENGINEERING GROUP INC.

8900 Renner Boulevard, Lenexa, KS 66219
913-689-4060
913-972-4644 cell
Diane.Fischer@kiewit.com