



Introduction to the Enhanced Geothermal Shot™ Technology Pathways

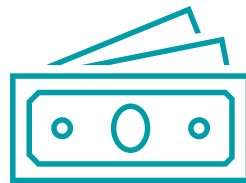
Kevin Jones

FORGE Manager and Acting Program Manager, Enhanced Geothermal Systems

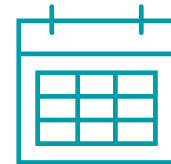
Geothermal Technologies Office

U.S. Department of Energy

Reduce the cost of enhanced geothermal system
electricity by >90% with 40 Gigawatts deployed
by 2035*

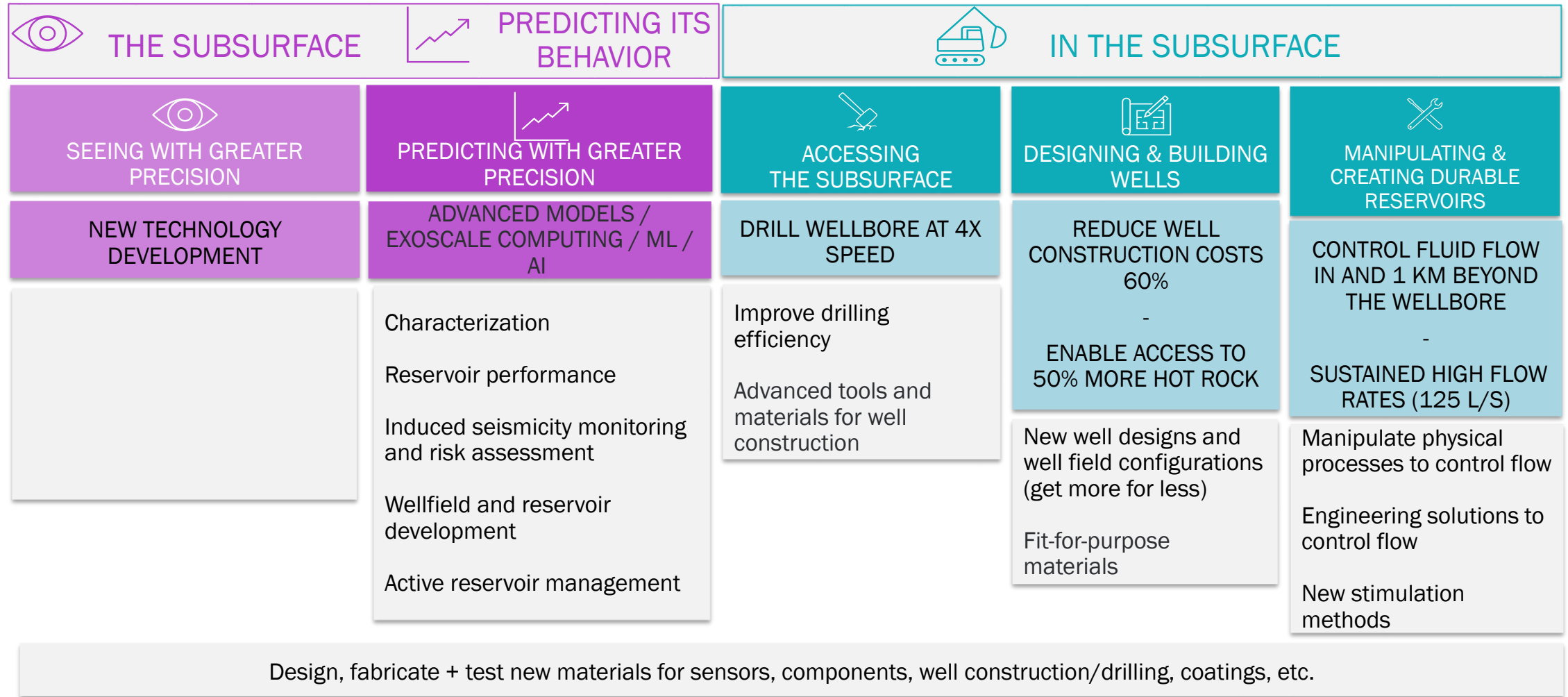


\$45/MWh



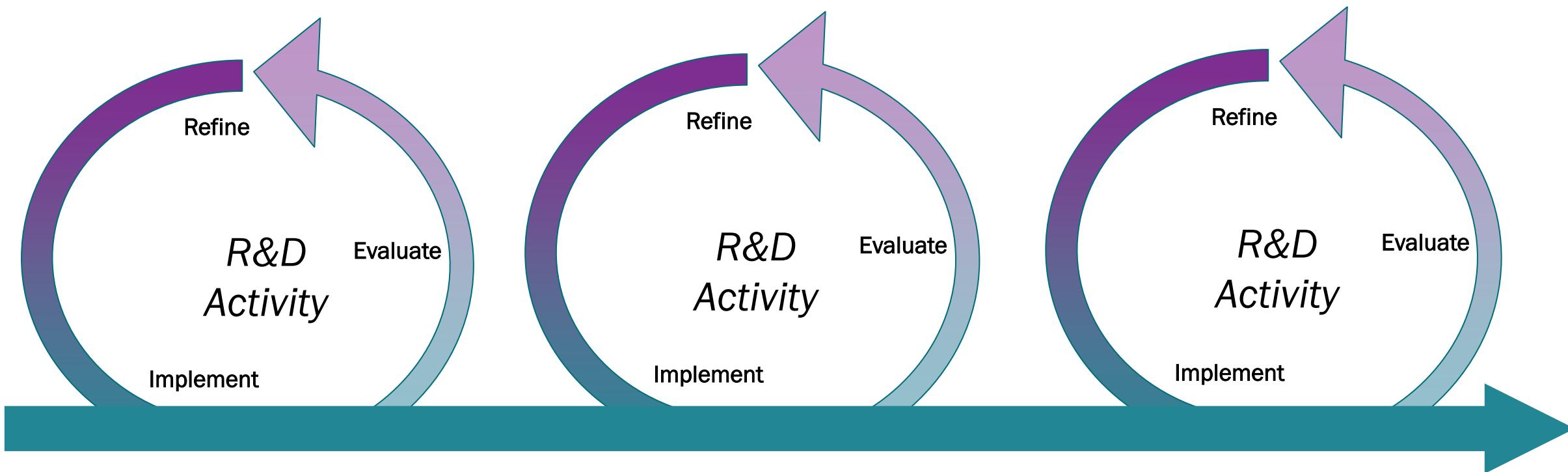
2035

Pathways to the Enhanced Geothermal Shot™



Integrated Field Demonstrations

Learn-While-Doing: Field Demonstrations

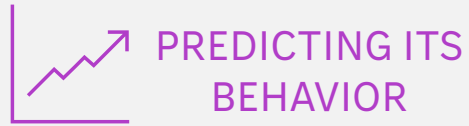


EGS FIELD DEMONSTRATIONS

Key to Achieving the Enhanced Geothermal Shot™:

Successful demos with robust R&D addressing real-world needs to enable rapid refinement and redeployment of technologies.

Panelists



SEEING WITH GREATER
PRECISION



PREDICTING WITH GREATER
PRECISION



ACCESSING
THE SUBSURFACE



DESIGNING & BUILDING
WELLS



MANIPULATING & CREATING
DURABLE RESERVOIRS



Jonathan Ajo-Franklin,
Rice University



Joseph Morris, Lawrence
Livermore National
Laboratory (LLNL)



Sam Noynaert,
Texas A&M
University



Eric van Oort,
University of Texas
at Austin



Tim Latimer,
Fervo Energy



Share your feedback and ideas!



Email EGShotRoadmap@ee.doe.gov to share thoughts, questions, and feedback on the Enhanced Geothermal Shot™ Roadmap.

Thank you!