

# SPE-GEODE Overview

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# SPE's pivotal role in geothermal advancement

- **Leading the GEODE consortium:**

- Co-leads the Geothermal Energy from Oil and Gas Demonstrated Engineering (GEODE) consortium.
- Partners with Project InnerSpace

- **Leveraging oil and gas expertise:**

- Integrates vast drilling and engineering knowledge from the oil and gas industry.
- Aims to adapt proven technologies for geothermal application.

- **Driving energy transition:**

- Actively accelerates the growth and deployment of geothermal energy.
- Contributes to positioning geothermal as a reliable, clean energy source.

# GEODE Consortium: Mission & Scope

- **Core mission:**

- Accelerate geothermal energy growth by utilizing oil and gas industry experience.
- Supported by the U.S. Department of Energy (DOE).

- **Funding & duration:**

- Initial \$10 million grant from DOE.
- Potential for up to \$155 million in additional competitive solicitations over five years.

- **Key focus areas:**

- Technology transfer, demonstration, and deployment.
- Addressing financial, policy, and workforce barriers.
- Creating open-access databases and mapping capabilities.



# Impact, Activities & Online Presence

- **Addressing challenges:**

- Resolves scientific and engineering hurdles hindering widespread geothermal adoption.
- Works towards DOE's goal of 90% cost reduction for Enhanced Geothermal Systems (EGS).

- **Engaging the community:**

- Hosts the SPE/GEODE webinar series (technological challenges, policy, finance, workforce).
- Organizes workshops, seminars, and datathons.

- **Online accessibility:**

- Information available on GEODE and SPE websites.
- Includes news, event schedules, and updates on consortium progress.

