



Heat Seeker[®]

Identify and Prioritize Profitable Geothermal Opportunities

Heat Seeker is a proprietary workflow and data solution to integrate consumer, market, infrastructure, and geoscience information for efficient investment decisions. Heat Seeker allows project developers, financiers, and government agencies to locate attractive geothermal resources that satisfy specific energy needs.

USES

Heat Seeker combines diverse data sources and analytic skills to find the optimal intersection of resource characteristics, development economics, and consumer demand.

- Locate and characterize specific energy needs.
- Locate and characterize specific geothermal energy resources.
- Map the infrastructure available to link consumers and energy sources.
- Identify synergies and gaps with other renewable energy resources.
- Prioritize decarbonization opportunities.

BENEFITS

Heat Seeker benefits include:

- Integrate geotechnical and financial analyses.
- Balance the natural tensions and trade-offs between energy needs, resource characteristics, and economic imperatives.
- Compare opportunities across the globe against common metrics with consistent data and workflows.
- Helps provide focus, reduce risk, enhance success rates and increase profit-margins for geothermal projects.

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KEY FEATURES

Global Thermal State

Temperature by depth maps, anywhere in the world, derived from Getech's industry-leading gravity and magnetics data.

Estimates of Curie Temperature Depth, crustal type, depth to basement, and Mean Annual Surface temperature are the inputs to global 1D conductive heat flow models, which are then calibrated to local heat flow, fault conductivity, and meteoric recharge measurements through sophisticated machine-learning algorithms.

Energy Demand

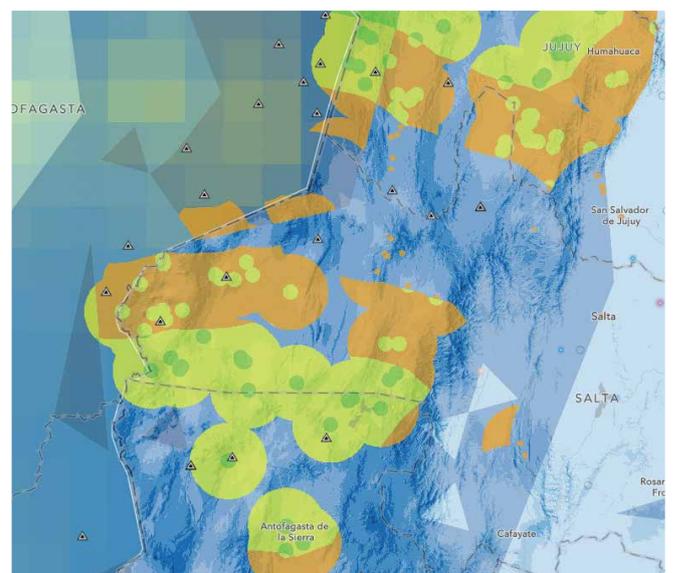
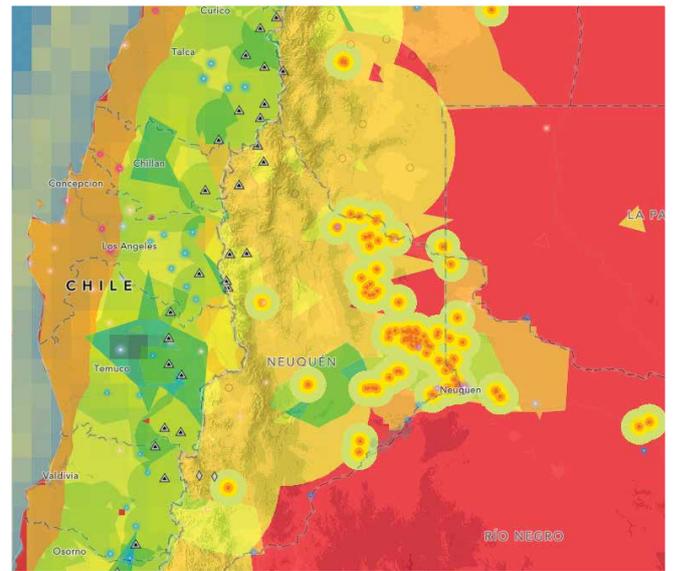
Social, economic, and demographic data from a wide variety of open and proprietary sources describe the kinds, amounts, and prices of energy demanded in various regions around the world.

Energy Supply

Location and description of power and thermal sources by type (e.g. solar and wind) to highlight competing resources and synergistic decarbonization opportunities.

Transmission and Storage Infrastructure

Electric transmission lines, pipelines, and storage facilities to help locate competing energy options and identify collaboration opportunities.



To learn more about Heat Seeker® email geothermal@getech.com or visit www.getech.com

ABOUT GETECH

Getech applies its world-leading geoscience data and unique geospatial software products to accelerate the energy transition by locating, developing and operating geoenery and green hydrogen projects.

