



**Alternative
Earth**

Subsurface interpretation software for alternative industries

alternative-earth.com

Alternative Earth Limited has been established to address the needs of industries outside of the traditional oil and gas markets to explore and better understand any alternative use of the subsurface terrain.

Alt. Earth (AE) is a bespoke software package of subsurface analysis modules that have been developed and refined over decades, tailored specifically by experts in the oil and gas field to support the energy transition.

With a rich and generous offering as standard, AE has a thoughtfully curated package of functionality tried and tested in the oil and gas industry. Leveraging proven subsurface oil and gas technology and expertise for the alternative industries, AE is a more efficient and cost-effective option for those working outside of oil and gas.

Subsurface technical experts are, and will be of great important across various industry disciplines, such as:



Nuclear Waste Disposal



Lithium/rare earth mineral extraction from brines



Hydrogen



Helium



Mining



At Alternative Earth, we're transferring oil and gas software and technology across to AE for Geothermal, CCS, Hydrogen and Mining Industries. Our mission is to be the go-to platform for geoscientists, petrophysicists and engineers in the Alternative Energy space.

AE delivers powerful, precise tools for the critical evaluations needed in the energy transition, enabling fast, informed and robust decisions."

Gerold Tischler,
AE Product champion

Alt. Earth

Alt. Earth is a powerful data platform for:

Geologists and Geoscientists

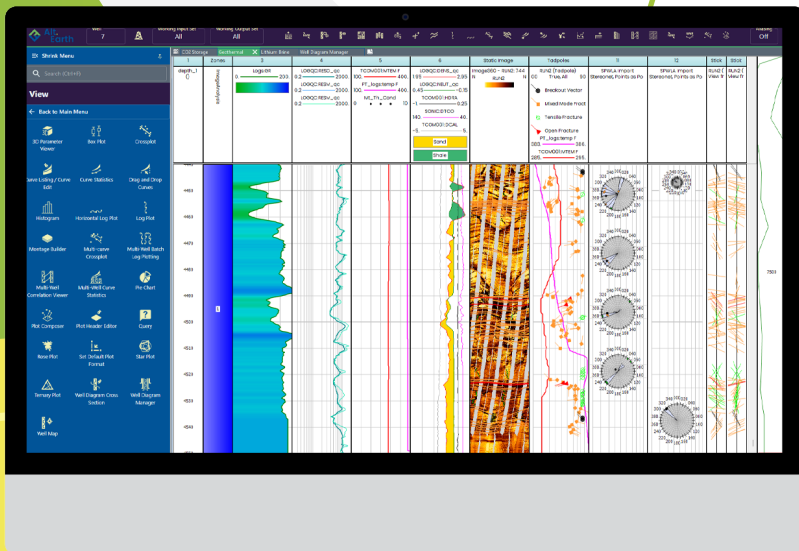
- Flexible, intelligent, borehole imaging
- User friendly correlations
- Cluster analysis for geological facies implementation
- Customizable mini-plots:
 - Rose plots, Ternary Plots, Pie charts etc.

Petrophysicists

- Fast, quick-look petrophysics tools
- Detailed, optimized petrophysics with CO₂ fluid properties built in
- Flexible & accurate CO₂ storage analysis
- Feature rich NMR analysis functionality
- Precise, cut-off and summation
- Best in class, granular Monte Carlo uncertainty

Engineers

- Exhaustive Well Diagram Manager
- Drilling data visualization and analysis
- Flexible platform for any analysis



Understand your Geothermal well by using AE:

- Optimised petrophysics to handle complex lithologies, to calculate your reservoir properties robustly.
- Image analysis functionality includes assisted image data loading – work smarter not harder.
- Tool recognition, feature picking, flexible inusoid, Image analysis tools.
- SPWLA dip data exchange format compatibility.
- Functional, easy to display mini-plots enabling you to understand your open fracture orientations, breakouts and more.



Cost
Effective



User
Friendly



CO₂ Storage
Features



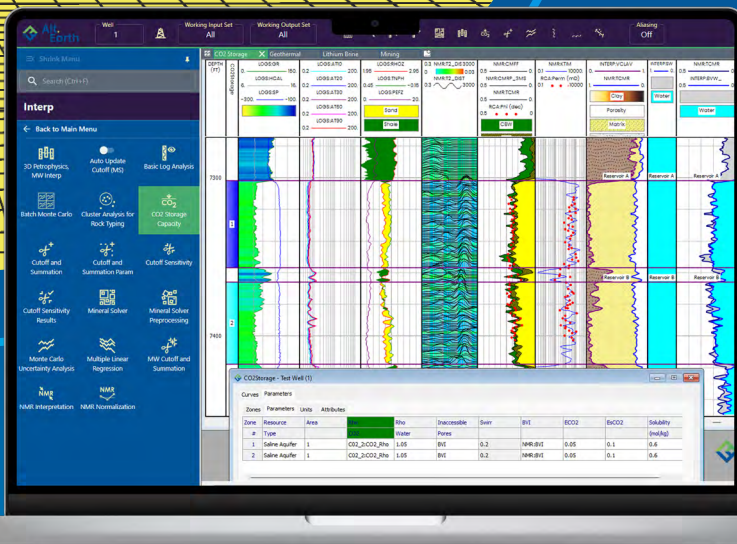
Always
Developing



Carbon Capture,
and Storage

AE comes with CO₂ storage tools:

- Calculate CO₂ density for your reservoir.
- Flexible CO₂ storage module.
- Precise, cut-off and summation and reporting to cumulate your storage.
- Multi-Well tools to better understand reservoir variation and impact on CO₂ Storage.
- AE comes with NMR normalization and Interpretation to further complement your CO₂ storage understanding.



Our service

Support from Industry Experts

We enhance client projects by delivering comprehensive, user-friendly data on their subsurface environment, providing insights that boost project outcomes and ensure greater safety.

Alt. Earth is the creation of a team of seasoned subsurface geoscientists, geoscience experts, and subsurface data analysts. It is robust, reliable and accurate, designed for ease of use, flexibility, and compatibility with client data streams. Alternative Earth offers dedicated support to customers for utilizing this platform in subsurface exploration projects and geoscience data interpretation, maximizing cost and time efficiency.

On-demand
expertise

Intuitive user
interface

Data
interpretation



**Alternative
Earth**

Contact Us

2 Discovery Drive
Westhill, Aberdeenshire
UK, AB32 6FG

+44 203 608 8024
sales@alternative-earth.com

