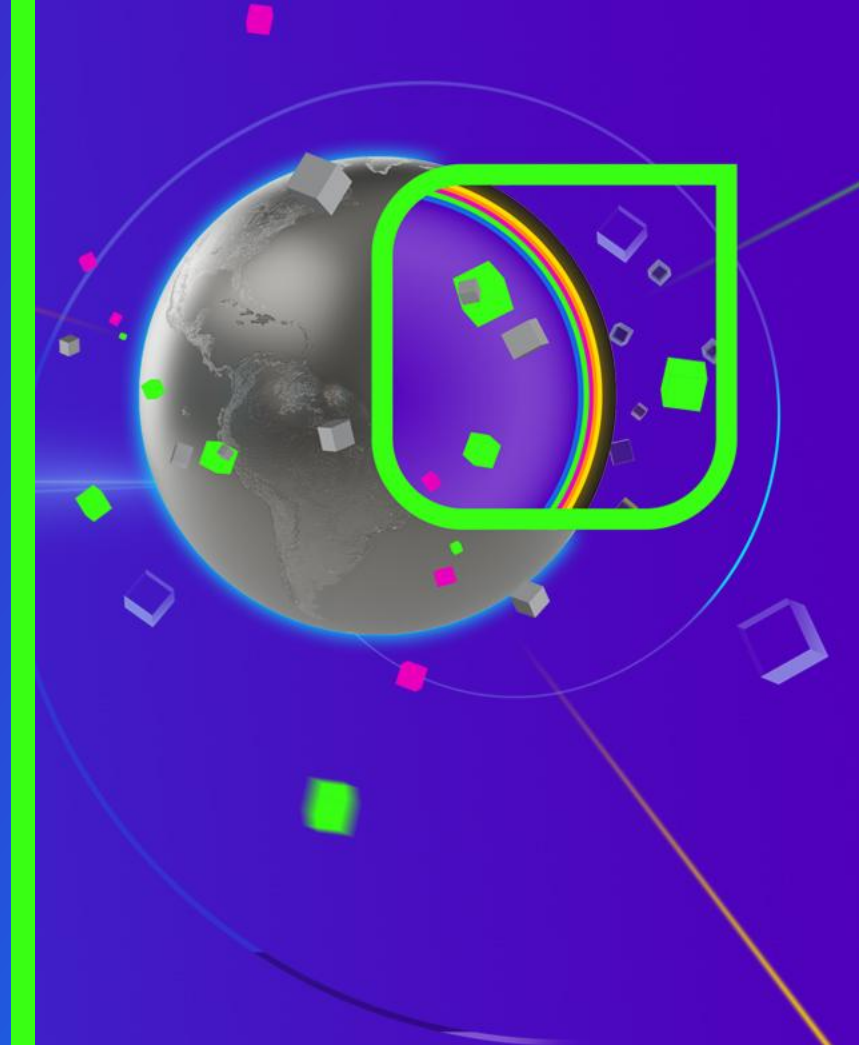


MOVING FORWARD WITH MOMENTUM

Company Overview

January 2025

viridiengroup.com



VIRIDIEN



The world is changing ...

Increasing energy demand, growing commitment to take care of our planet and the accelerating capabilities of digital technology transform the way we live and work.

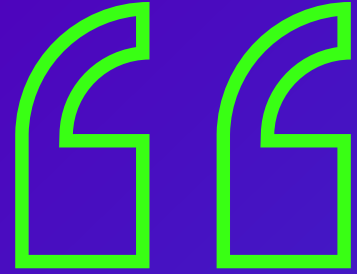
SEE THINGS DIFFERENTLY



... and so are we.

At this important moment in our journey, we are leveraging our rich history and our diverse portfolio to become ...





Our New Brand

We are linking our distinguished 90+ years of history as CGG to our forward-looking trajectory as **Viridien**.

Sophie Zurquiyah, Viridien CEO



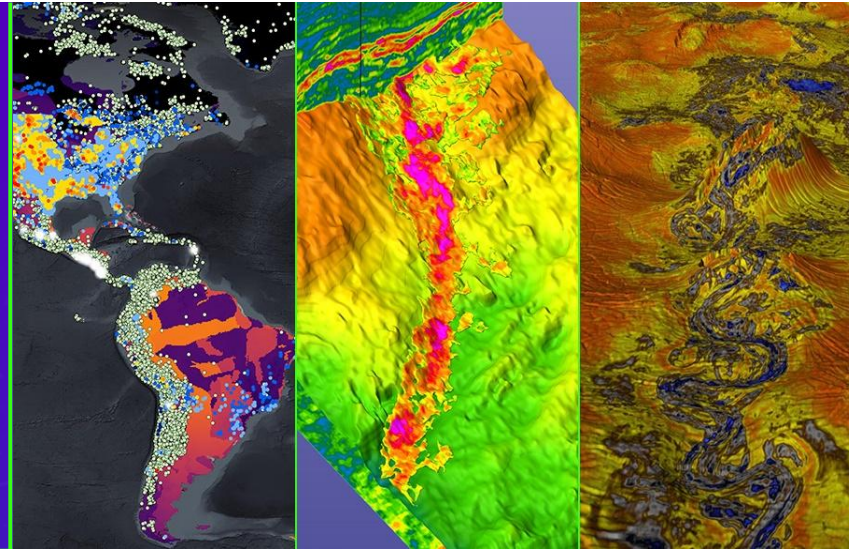


Moving Forward with Momentum

Building on our achievements and track record of innovation

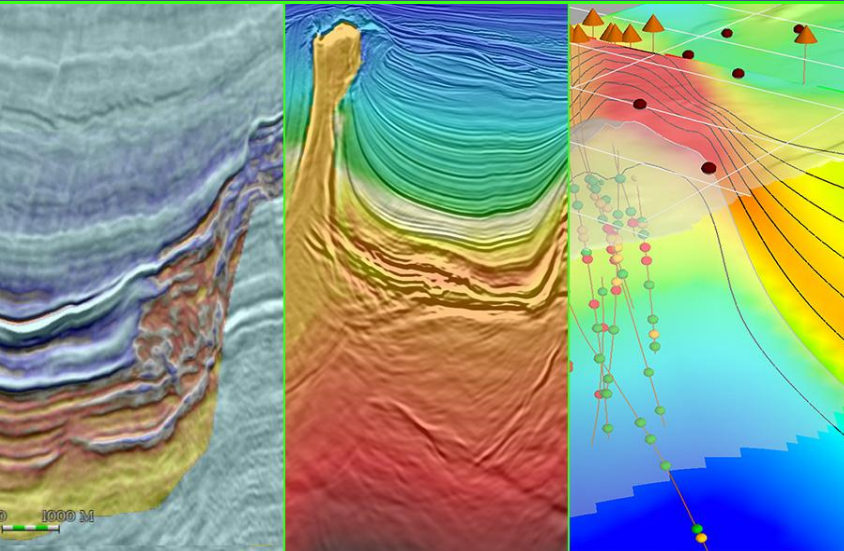
Geoscience Expertise

Subsurface Imaging
Multiphysics Imaging
Integrated Geoscience



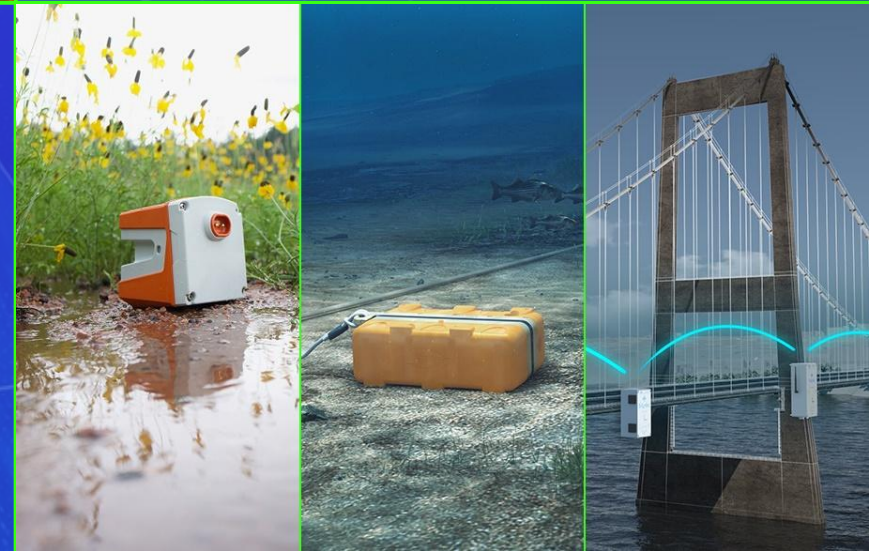
Sensing & Monitoring

Earth and Ocean Monitoring
Ocean Bottom Seismic
Infrastructure Monitoring



Earth Data

Seismic Data
Geological Data
Satellite Data



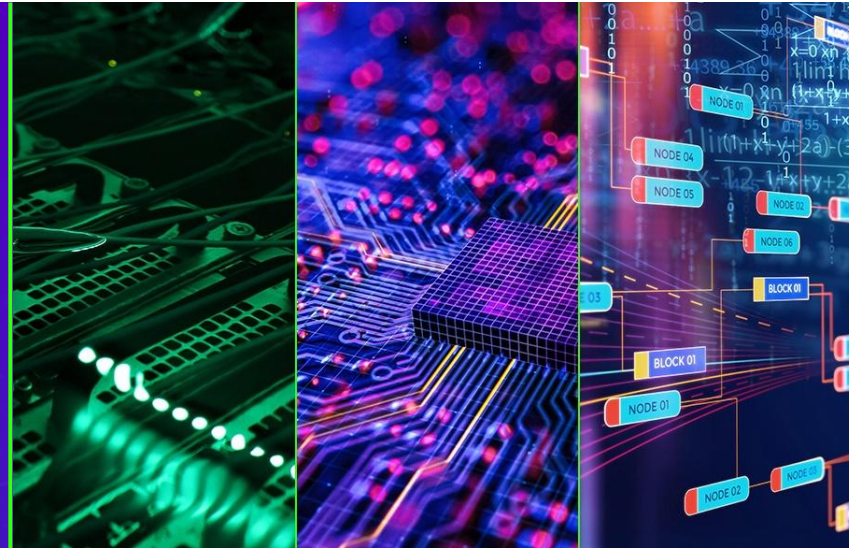


Moving Forward with Momentum

Expanding our offerings as an advanced technology company

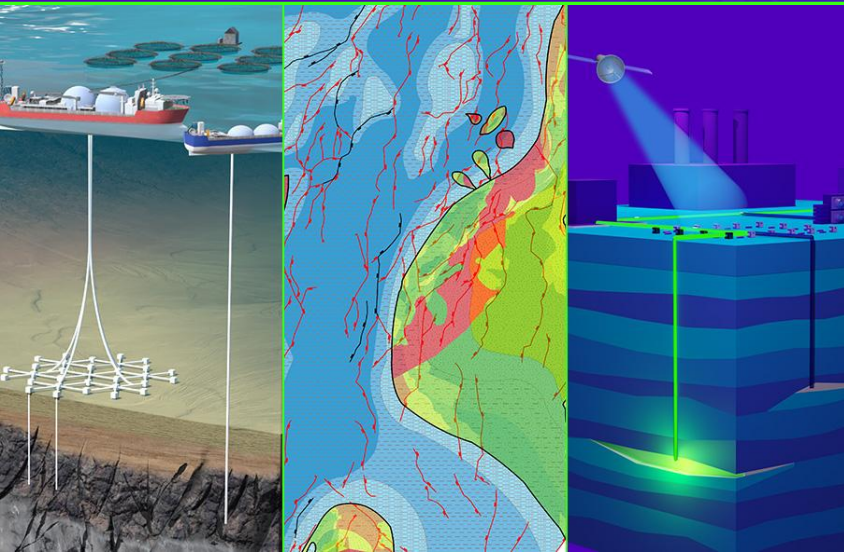
Low Carbon Solutions

Minerals and Mining
Carbon Storage



Infrastructure Monitoring

Structural Health
Earthworks



Digital

HPC
Data Transformation
Machine Learning and AI





We are Viridien: Outline

① Our Technology

② Our Data

③ Our People

④ Our Markets

⑤ Our Solutions

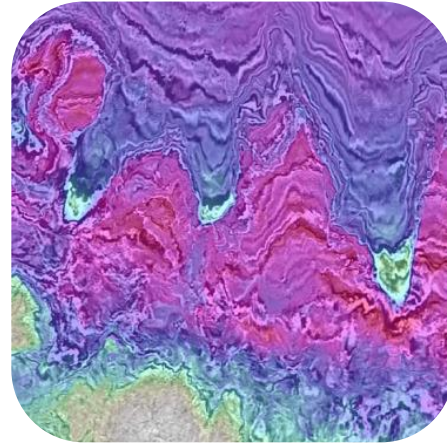
⑥ Our Company

Our Technology



Sensing & Monitoring

- Superior sensors, acoustics and IOT solutions
- Pioneer in measuring, and monitoring the Earth



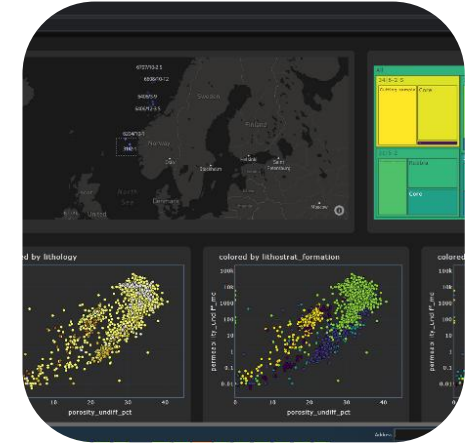
Imaging & Analysis

- Advanced algorithms, data science and ML / AI
- Leadership in full waveform inversion



HPC & Cloud

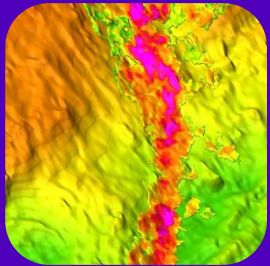
- 500+ PFLOPS highly-optimized compute
- Efficient and sustainable HPC solutions



Data Access & Platforms

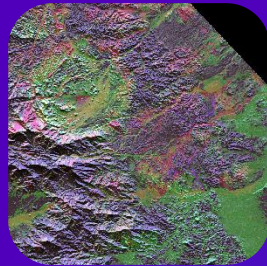
- Data ecosystem and digital geoscience database
- Earth Data library and Versal platforms

Our Data



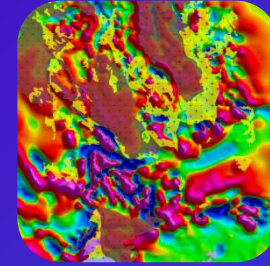
Seismic Data

The most recent and advanced data in the world's key basins



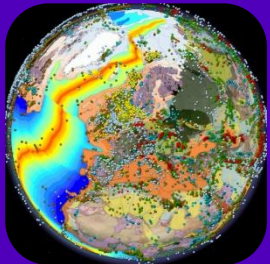
Satellite Data

Unique intelligence and tools for Energy, Mining, Engineering and Environment



Gravity & Magnetics

Data and interpretations to aid fundamental understanding at basin-to-prospect scales



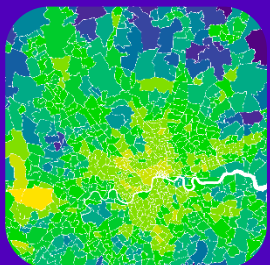
Geological Data

Digitally-transformed, analytics-ready geological data for natural resources and the energy transition



Well Data

Curated and consistent analytic well data and dashboards for natural resource exploration and development



Environmental Data

Data and analytics for renewables site suitability, environmental and climate modeling

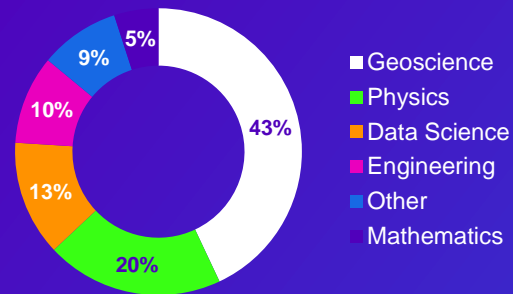
Accelerate workflows and improve business decisions with high-quality curated data from our comprehensive Earth data library



Our People | We are ...

Global and local

Geoscience Technical Disciplines



Diverse and multi-disciplinary

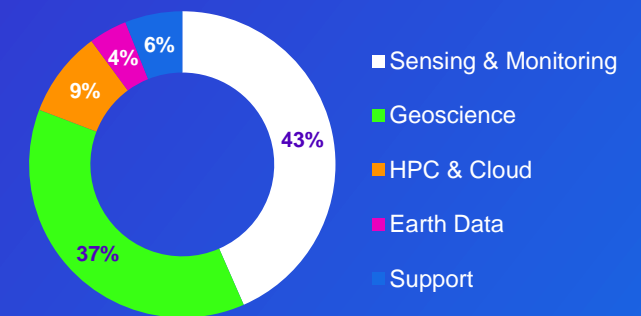
86 NATIONALITIES

30% GENDER DIVERSITY

70% POST GRADUATE DEGREES

Innovators and problem-solvers

Staff Allocation by Division





OUR MARKETS

Here's where we're working today

Our Markets



Energy

Geoscience and data science for natural resource, geothermal and renewable energy projects



HPC

Carbon Storage

Mining

Infrastructure Monitoring

Environmental

Marine Logistics

Defense

Our Markets



Energy

HPC

Customized solutions to accelerate production, drive scientific breakthroughs and deliver transformative insights across industries, backed by 70 years' experience

Carbon Storage

Mining

Infrastructure Monitoring

Environmental

Marine Logistics

Defense

Our Markets

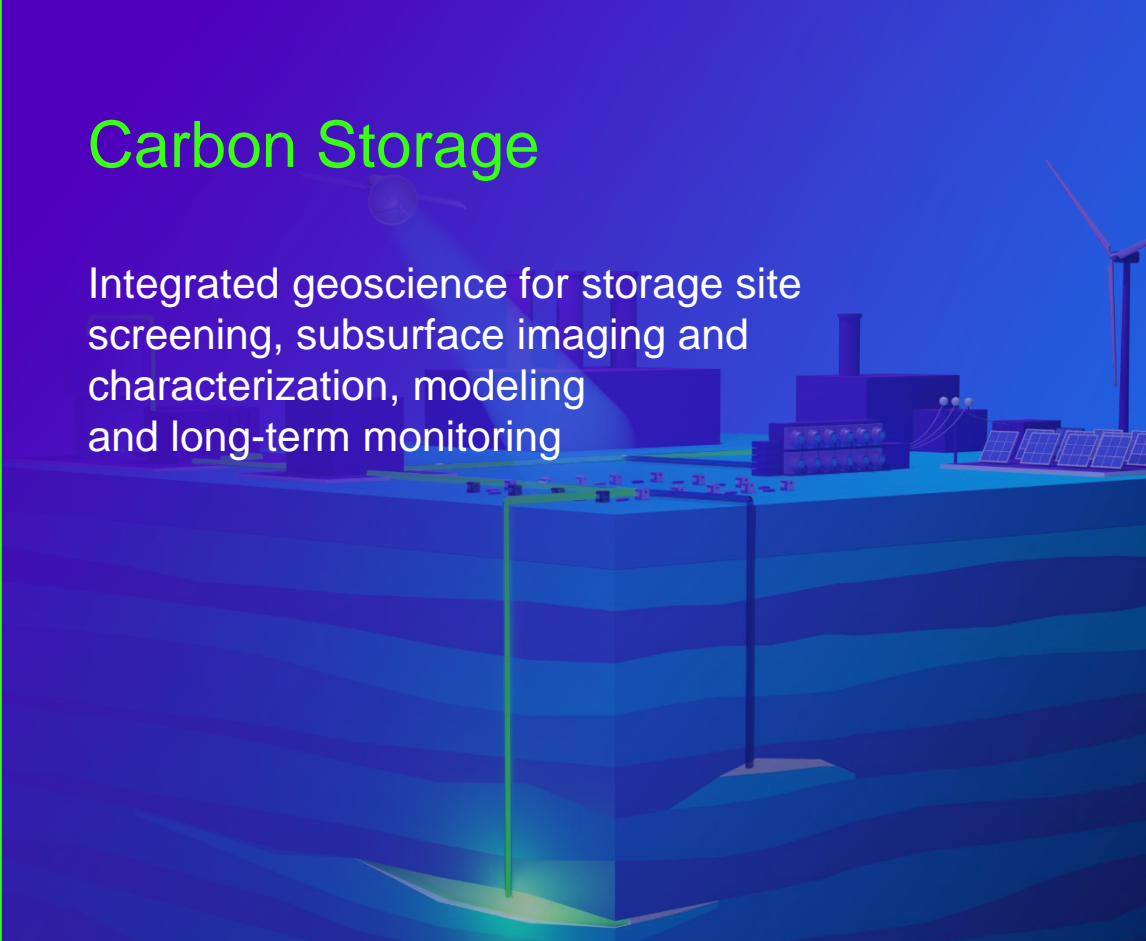


Energy

HPC

Carbon Storage

Integrated geoscience for storage site screening, subsurface imaging and characterization, modeling and long-term monitoring



Mining

Infrastructure Monitoring

Environmental

Marine Logistics

Defense

Our Markets



Energy

HPC

Carbon Storage

Mining

Redefining mineral exploration and extraction efficiency with analytics-ready data, advanced imaging technologies, and monitoring solutions



Infrastructure Monitoring

Environmental

Marine Logistics

Defense

Our Markets



Energy

HPC

Carbon Storage

Mining

Infrastructure Monitoring

Advanced infrastructure and earthworks monitoring solutions and analysis for optimizing infrastructure management and lifespan

Environmental

Marine Logistics

Defense



Our Markets

Energy

HPC

Carbon Storage

Mining

Infrastructure Monitoring

Environmental

Unique environmental intelligence through Earth science and data science expertise to address complex environmental challenges

Marine Logistics

Defense



Our Markets



Energy

HPC

Carbon Storage

Mining

Infrastructure Monitoring

Environmental

Marine Logistics

Intelligence for enhanced safety, security and efficiency in offshore and port operations



Defense

Our Markets



Energy

HPC

Carbon Storage

Mining

Infrastructure Monitoring

Environmental

Marine Logistics

Defense

Innovative solutions for marine surveillance and underwater security with custom-engineered marine acoustics and cables





OUR SOLUTIONS

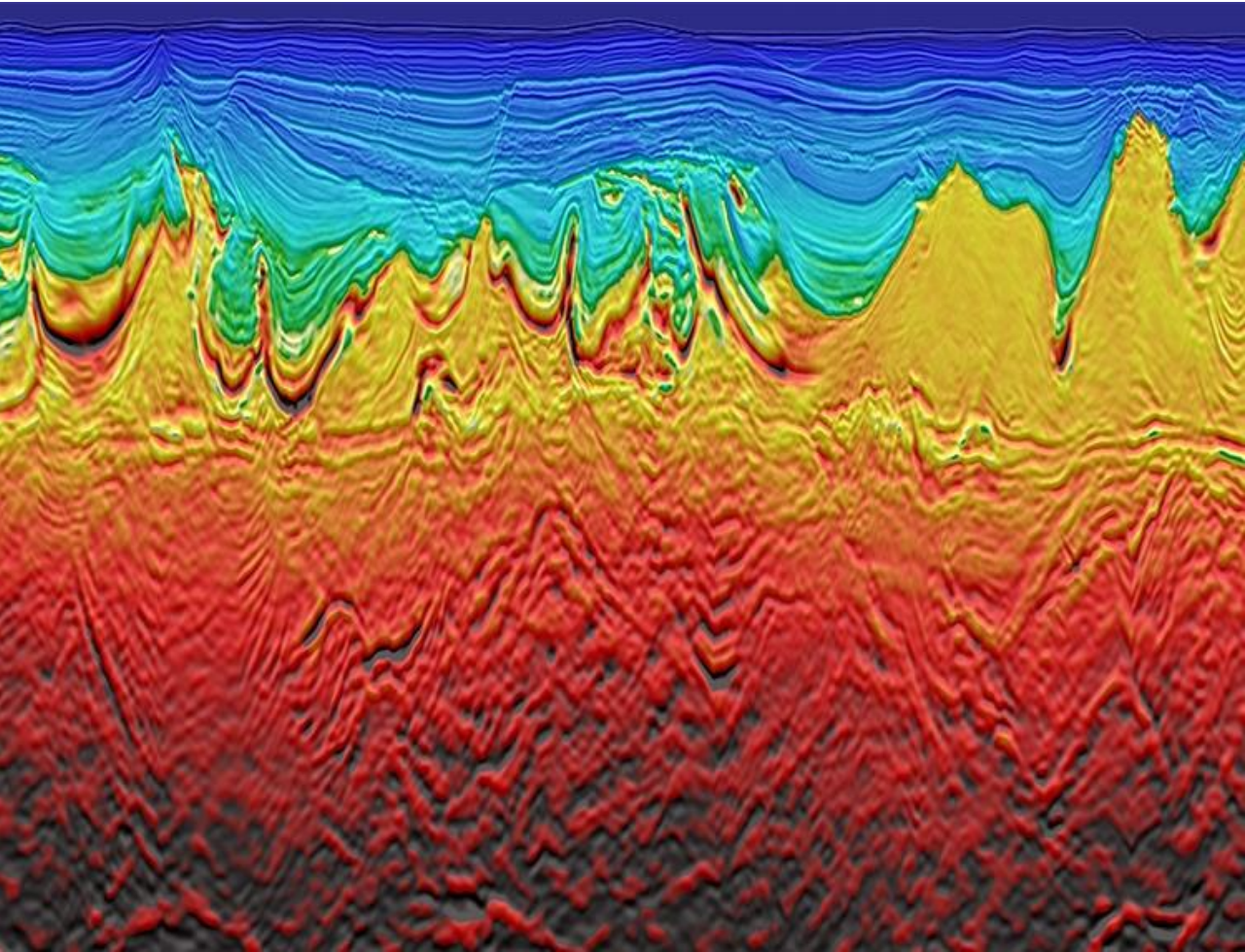


MEETING TODAY'S
growing energy demands



Our Solutions for Hydrocarbon Exploration & Development

Accelerating exploration and optimizing field development with geoscience technology and expertise



Integrated geoscience expertise, best-in-class imaging technologies, leading seismic equipment solutions and high-end Earth data

RECOGNIZED LEADERSHIP IN HIGH-END SUBSURFACE IMAGING

THE MOST ADVANCED AND RECENT MULTI-CLIENT DATA IN KEY LOCATIONS

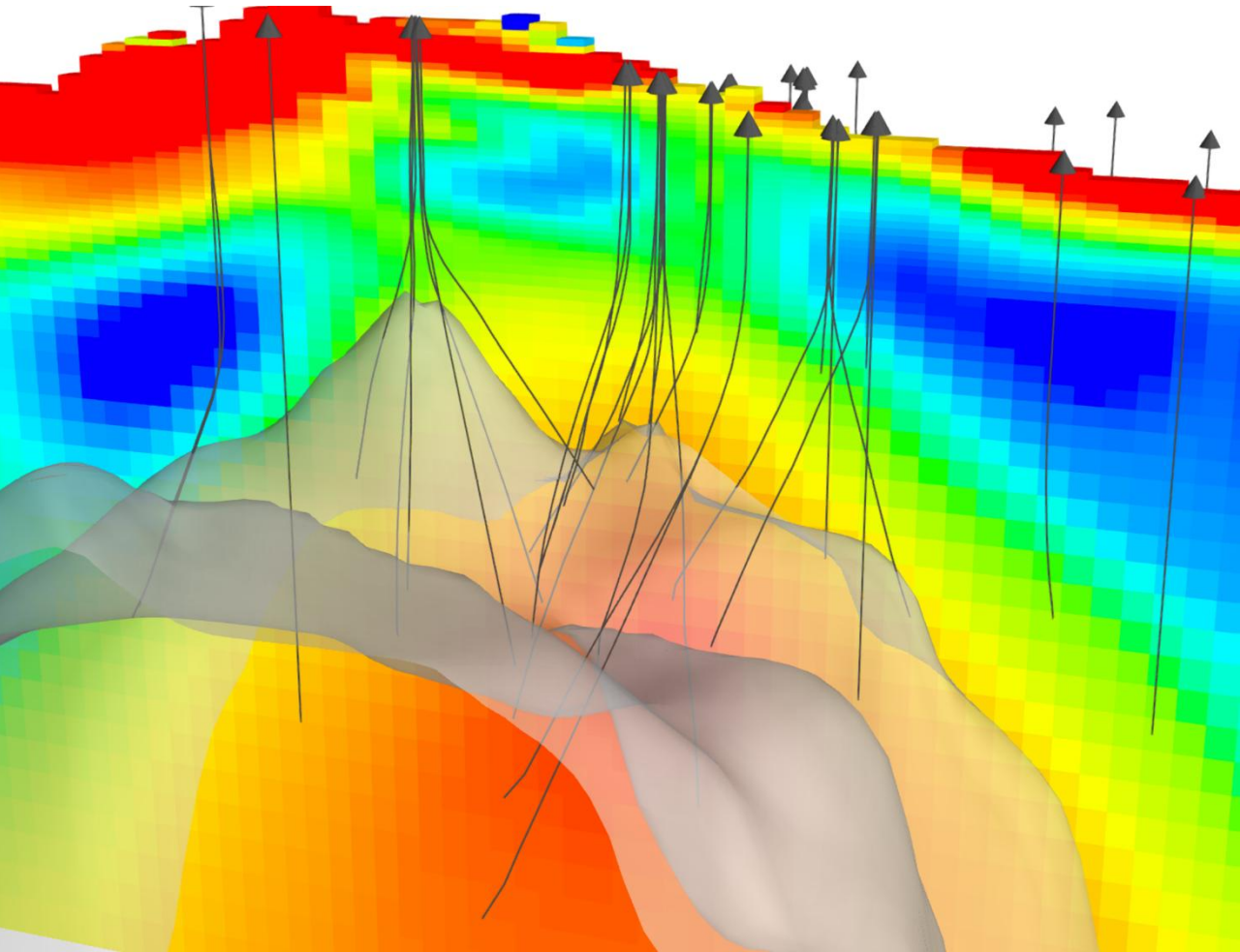
MULTIDISCIPLINARY EXPERTISE ACROSS GEOPHYSICS | GEOLOGY | RESERVOIR

THE LEADING SEISMIC EQUIPMENT SOLUTIONS AND SERVICES



Our Solutions for Renewable Energy

Delivering data and insight for new energy projects, from geothermal and native hydrogen to wind and solar



Global datasets, multi-disciplinary expertise and monitoring solutions

GLOBAL GEOTHERMAL, LITHIUM BRINE AND NATIVE HYDROGEN STUDIES

MULTIPHYSICS FOR GEOTHERMAL RESOURCE DEVELOPMENT

SITE SUITABILITY AND SCREENING FOR WIND AND SOLAR

MONITORING SOLUTIONS AND DIGITAL TWIN FOR RENEWABLES

An aerial photograph of a tropical island with a boat on the water. The island is covered in dense green forest and is surrounded by clear blue water. A small boat is visible in the middle of the water, leaving a white wake. The overall scene is serene and natural.

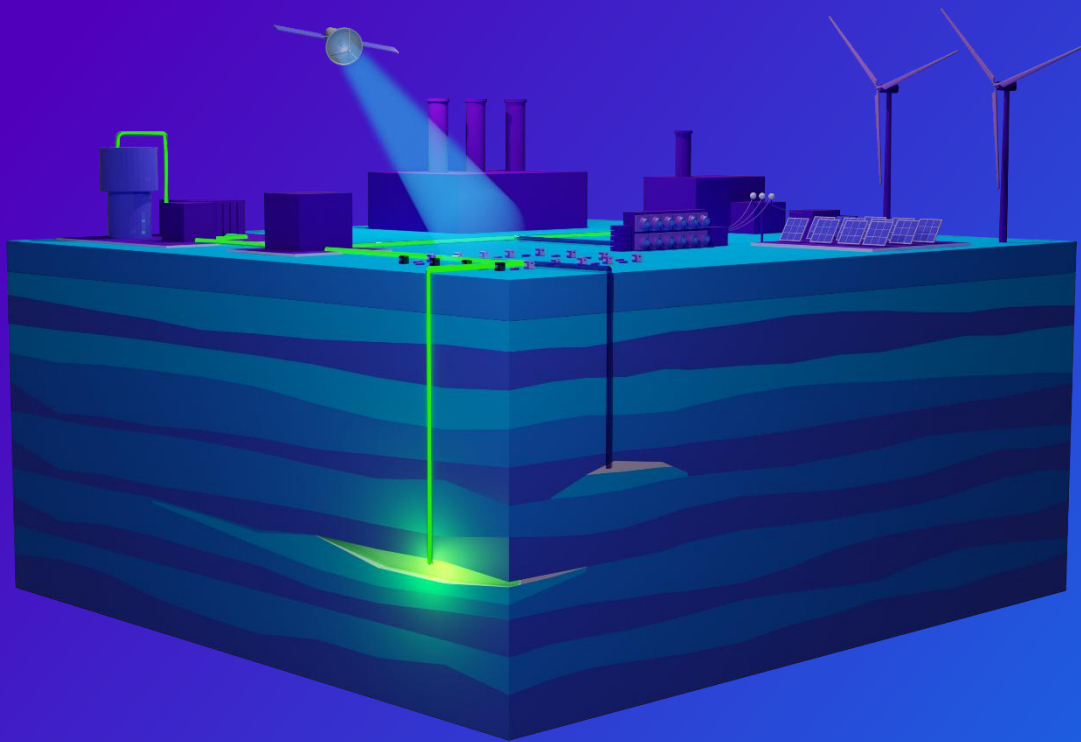
SUPPORTING TOMORROW'S

low carbon and energy transition solutions



Our Solutions for Carbon Storage & Monitoring

Combining expertise, technology and data to identify, de-risk and optimize CO₂ storage projects, and jointly offered CCS solutions with our Baker Hughes alliance



Integrated geoscience solutions for storage site screening, characterization and monitoring

REGIONAL
SCREENING DATA

RESERVOIR
IMAGING

PLANNING AND
SIMULATION

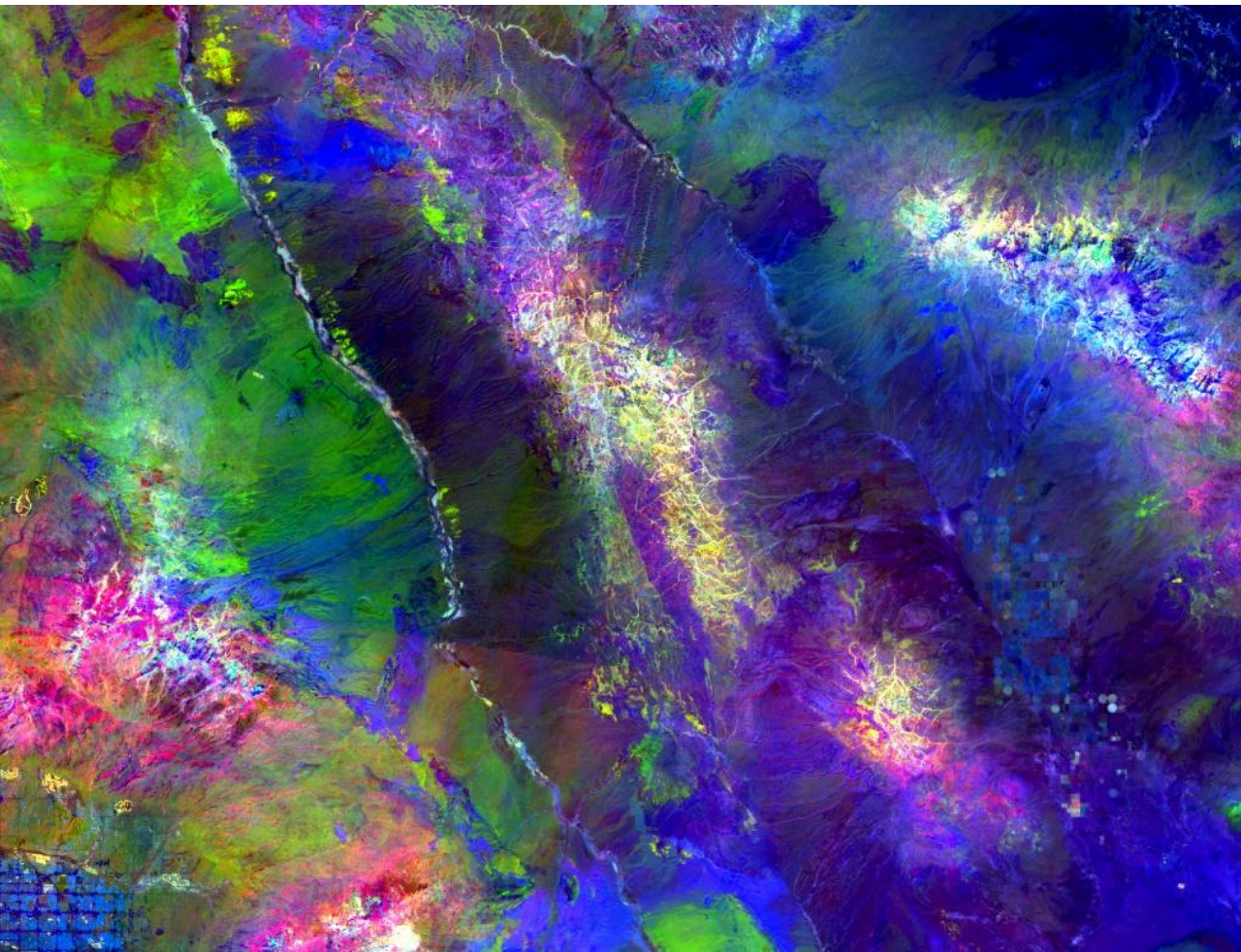
MONITORING
SOLUTIONS

15 YEARS OF DELIVERING IMPACTFUL
RESULTS FOR CARBON STORAGE



Our Solutions for Critical Mineral Exploration & Development

Redefining mineral exploration and extraction efficiency with analytics-ready Earth data, advanced subsurface imaging, and monitoring solutions to optimize decisions, manage risks, and enhance productivity.



Combining expertise, imaging technologies and Earth data

ACCELERATING MINERAL EXPLORATION SCREENING WITH UNIQUE DATASETS

ENHANCING ORE BODY KNOWLEDGE WITH ADVANCED IMAGING SOLUTIONS

OPERATIONAL INSIGHTS FROM SENSOR AND SATELLITE-BASED MONITORING SOLUTIONS

ENABLING ACCESS

To the accelerating capabilities of digital technology



Our Solutions for High-Performance Computing

>70 years pioneering industrial computing for demanding applications. Viridien's HPC, AI and cloud experts optimize performance from end-to-end, tailored to your KPIs. Our operations include data centers powered by 100% renewable energy and advanced immersion cooling technology.



Custom HPC, AI and cloud solutions that scale with your business

>500 PFLOPs OF COMPUTE CAPACITY...
AND GROWING!

HIGHLY-OPTIMIZED FOR GEOSCIENCE, AI,
LIFE SCIENCES & MATERIALS SCIENCE

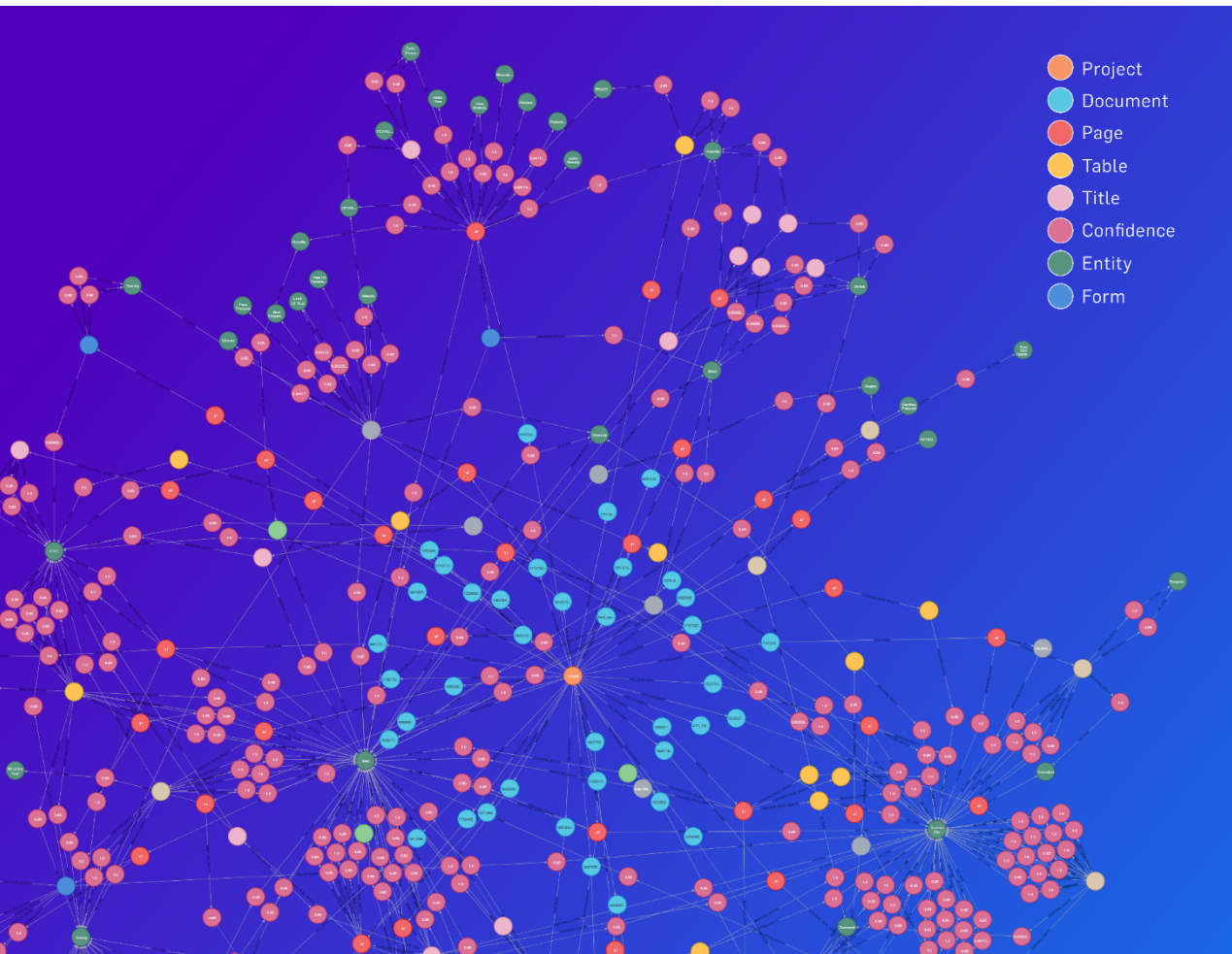
OUTCOME-AS-A-SERVICE MODEL FOR
PREDICTABLE, GUARANTEED PRICING

SUSTAINABLE SOLUTIONS CUTTING
CARBON INTENSITY ACROSS THE ENTIRE
LIFECYCLE



Our Solutions for Data Transformation

Maximize the value of your data and improve business decision quality, efficiency and predictability



Expert data transformation, curation and delivery to accelerate workflows

EXPERT TEAM OF DATA SCIENTISTS AND SUBJECT MATTER EXPERTS

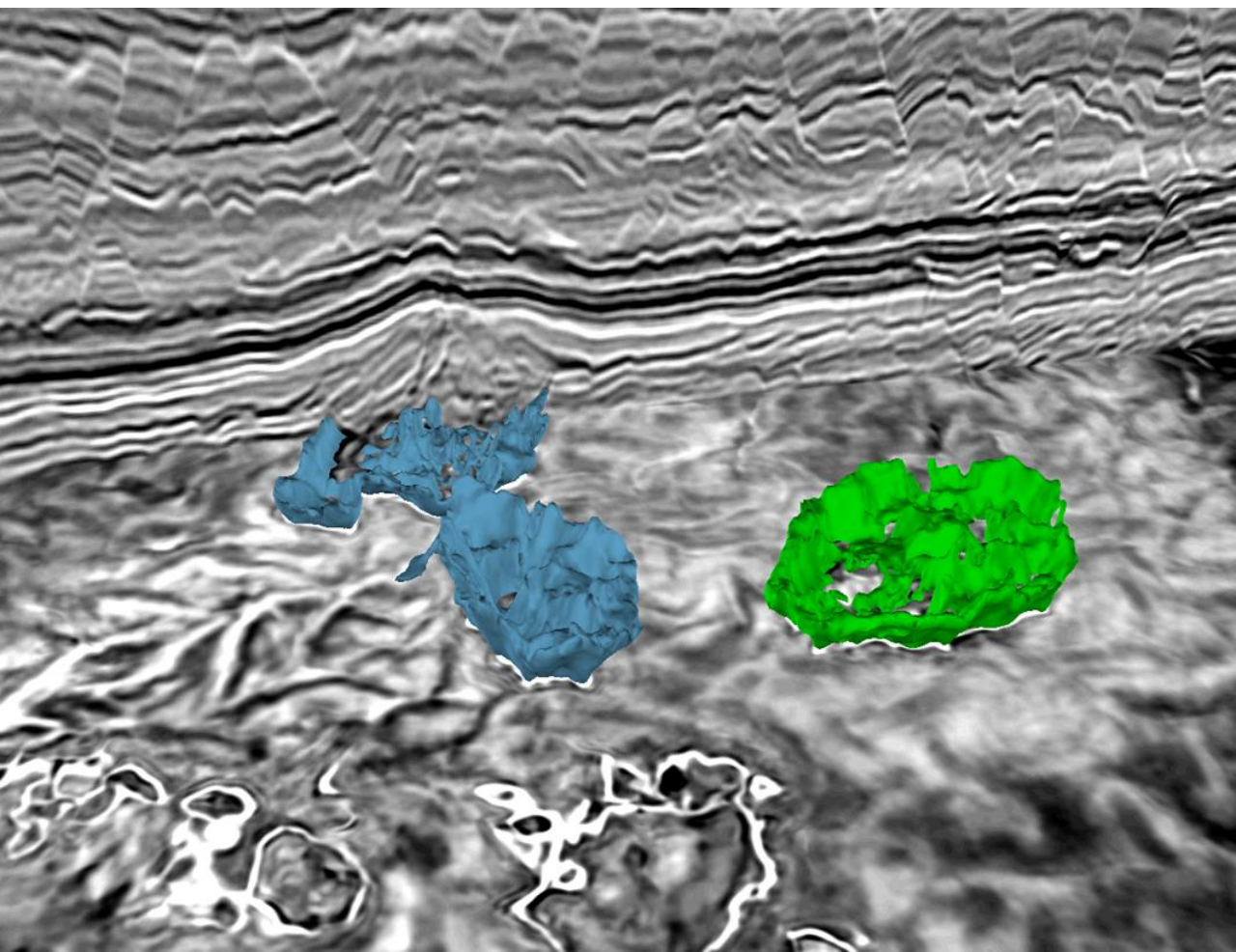
ADVANCED DATA TRANSFORMATION PIPELINE POWERED BY ML/AI

UNIQUE TAXONOMY AND OSDU INGESTION SOLUTIONS



Our Solutions for Artificial Intelligence

Integrating cutting-edge ML & AI technology to drive innovation and transform workflows, with a focus on Geoscience, Life Sciences, Rendering and Inference



Leverage our AI expertise and resources to enhance your business operations

Collaborative AI Innovations

Advanced Generative AI Capabilities

Scalable AI Services and Platforms

Superior High-Performance Computing power



ENHANCING LONGEVITY

through infrastructure monitoring



Our Solutions for Structural Health & Earthworks Monitoring

Providing actionable insight to ensure safety, longevity and optimal performance of critical infrastructure



Sensors, monitoring solutions and geotechnical expertise

ADVANCED SENSOR SYSTEMS AND SOLUTIONS FOR ALL ENVIRONMENTS

EARTH OBSERVATION DATA

DATA ANALYTICS AND INTERACTIVE DATA DELIVERY PLATFORMS



OUR COMPANY

Our Leadership



Sophie Zurquiyah
Chief Executive Officer



Jérôme Serve
Chief Financial Officer



Peter Whiting
EVP Geoscience



Dechun Lin
EVP Earth Data



Chris Page
EVP New Business Development



Jérôme Denigot
EVP Sensing & Monitoring



Eduardo Coutinho
EVP Group General Counsel



Agnès Boudot
EVP HPC & Cloud Solutions



Hovey Cox
EVP Marketing & Sales and Communications



Emmanuel Odin
Chief Sustainability Officer



Emma Muller
Chief Human Resources Officer





Our Global Services





Our ESG commitments

Safety, Environment, Decarbonization, Inclusion, Diversity, Equity, Health and Sustainability

Top tier ESG rating



Achieve Net Zero* by 2050
50% reduction by 2030

2023 Emissions 24kTCO₂*,
reduced by 58% since 2019
70% low carbon energy mix
in 2023

30% female in senior
leadership by 2030

25% female in senior
leadership in 2023

Maintain top quartile
HSE performance

0.46 LTIF (2023)
1.28 TRCF (2023)

* Scopes 1 & 2



MSCI ESG RATING
Top 3 among Oilfield Services



SUSTAINALYTICS ESG RISK RATING
Low Risk: #9 among Energy Services



ECOVADIS SILVER
SUSTAINABILITY RATING



WE SUPPORT

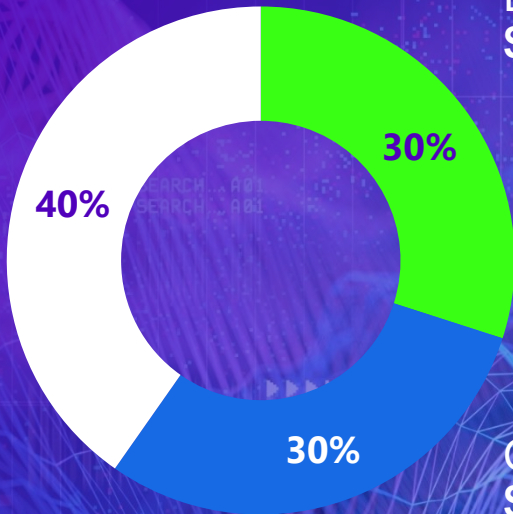
Viridien is a supporter of the United Nations Global Compact (UNGC) as part of its commitment to being a responsible company



Our Financial Performance: 2023 Full Year

In 2023, we significantly strengthened our financial performance

Sensing & Monitoring
\$453 m



Earth Data
\$337 m

Geoscience
\$335 m

Revenue

\$1,125 M | UP 21% Y-o-Y

Adjusted EBITDAs

\$400 M | A 36% MARGIN

Liquidity

\$417 M

Net cash-flow

\$32* M

*Including \$(66)m penalty fees from vessel commitments

Our journey continues ...

We are driven to discover new insights, develop innovative technologies and deliver powerful solutions that support our clients in resolving their complex challenges efficiently and responsibly.

We Are Viridien.

