Nye forretningsmuligheter på tvers av bransjer

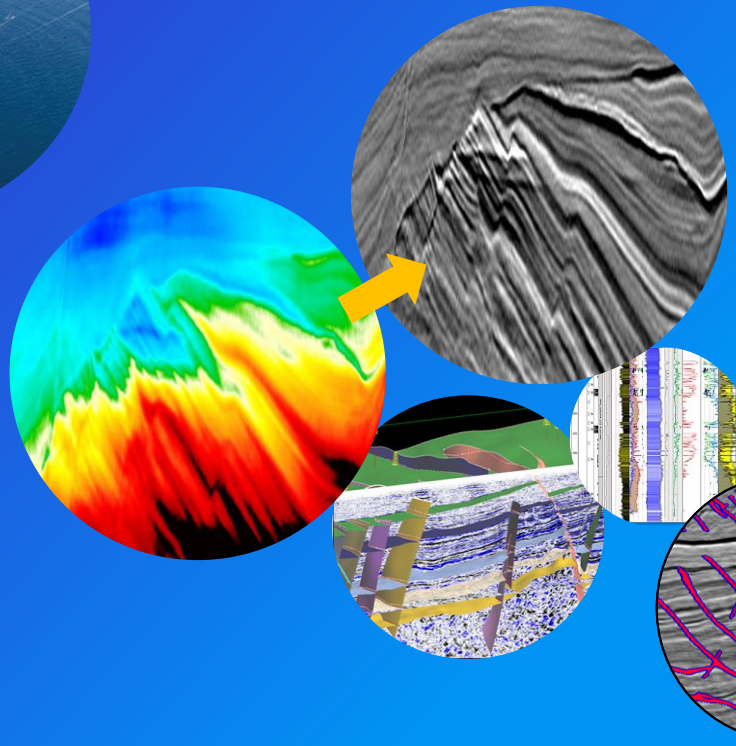
GCE Ocean Technology – Møteforum 2. des 2021

Terje Weisser – Manager SI, CGG Norway

cgg.com

CGG

1931 – 2021: A 90 years journey



CGG Today

OUR STRENGTHS

Remarkable data & technology

Leading the industry in advanced imaging and geoscience & digital technologies

Outstanding people & performance

Ingenuity and expertise driving innovation and exceeding expectations

Resolute ESG commitments & new solutions

Enabling our clients to be more efficient, effective, responsible and sustainable.

THREE CORE BUSINESSES

Geoscience

Established leader in subsurface imaging, geology, geoscience software and services

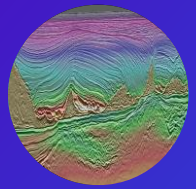
Multi-client

The industry's most technically advanced seismic data and geologic studies in the world's key locations

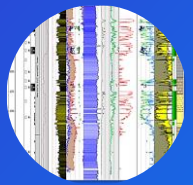
Equipment

Established leader in marine, land, ocean floor and downhole seismic equipment and gauges

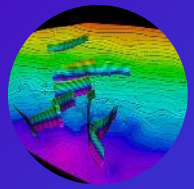
Our Geoscience Ecosystem



Subsurface Imaging
Advanced imaging and inversion of all seismic data types

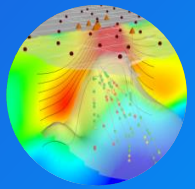


Geology
Leading edge geological data, analytics and insights

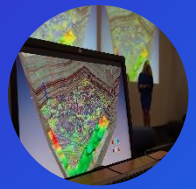


Reservoir Development
Integrated reservoir development & engineering technology & services

Satellite Mapping
Optical, radar & elevation data, delivering insights from space



Multiphysics
Advanced software & services in gravity, magnetics & electro-magnetics



Digital Services
Cloud, HPC, SaaS, AI & Machine Learning across geoscience

Data Hub
Digital transformation and data management solutions

While the O&G industry has been active in Clean Energy for decades, it is now in full transition, with a focus on three key areas

- Setting internal ESG plans forward
- Ensuring sustainability of core business
- Developing new areas for business growth

While the O&G industry has been active in Clean Energy for decades, it is now in full transition, with a focus on three key areas

Setting internal ESG plans forward

Ensuring sustainability of core business

Develop new areas for business growth

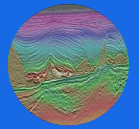
Move into adjacent areas

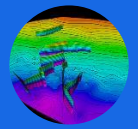
Follow your clients

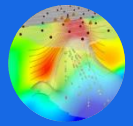
Leverage core capabilities

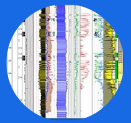
Leveraging expertise for new opportunities

Geoscience – Technical Disciplines

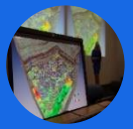

Subsurface Imaging


Reservoir Development


Multiphysics


Geology

Earth Observation

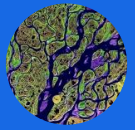

Digital Services

Geoscience - Energy Transition & Environment Disciplines

Minerals & Mining

Geothermal Science

CCS & Energy Storage


Environmental Science

Marine Minerals

CGG is uniquely positioned to support the discovery, targeting and environmentally conscious recovery of marine (and terrestrial) mineral resources:

- Multi-scale exploration of resource & associated mineral insights
- Environmental due diligence
- Provision of high-end and reliable equipment and sensor technologies

Environmental Science

Nature-based Solutions

Identification, optimisation & subsequent monitoring of nature-based carbon offset

Marine resources

Integration of environmental & geotechnical data to reduce risk

ESG

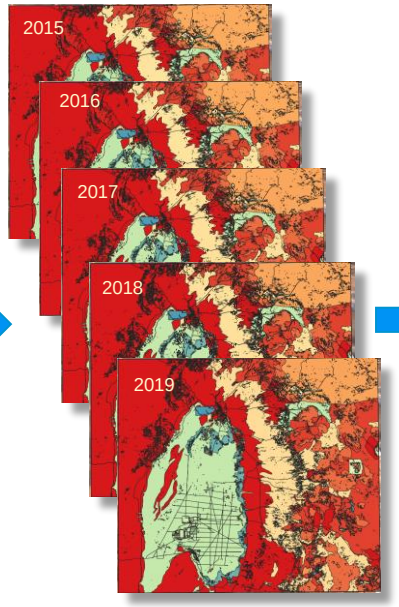
Monitoring the impact of infrastructure or specific human activity on the environment

Environmental Science leverages CGG's HPC & AI lab capabilities and earth science expertise to provide data analytics driven intelligence to mitigate environmental risks

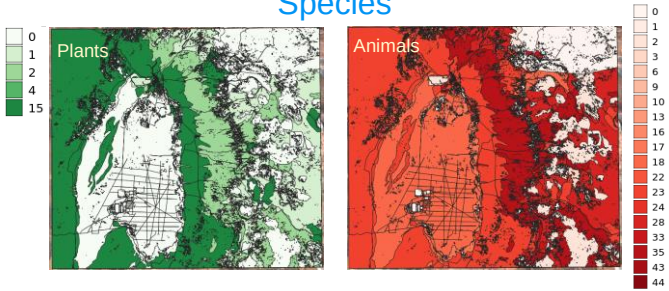
Monitoring Natural Capital by creating a biodiversity index

Multiple data

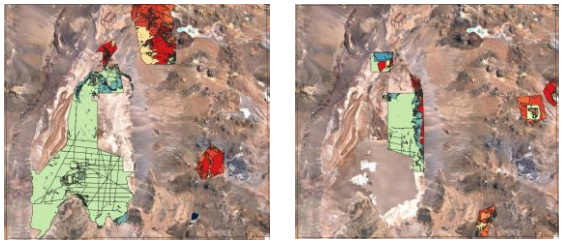
Habitats



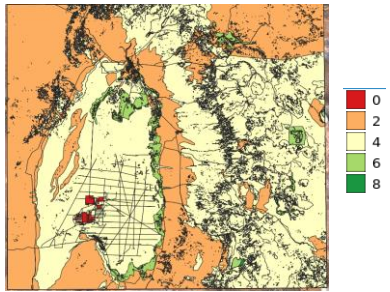
Species



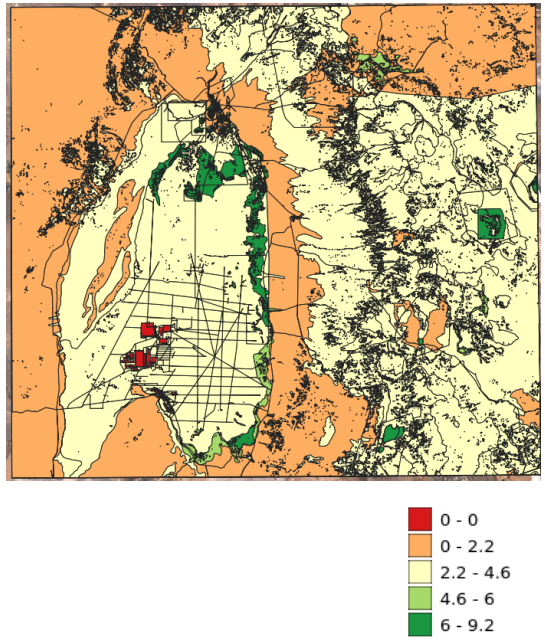
Protection



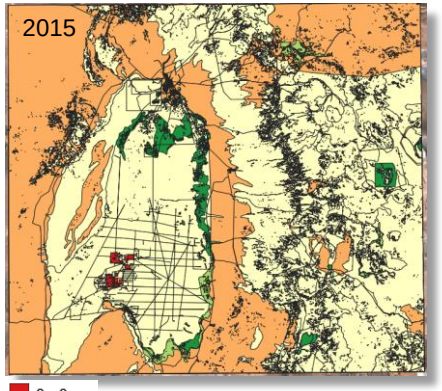
Distinctiveness

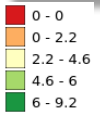


Dynamic Biodiversity Index

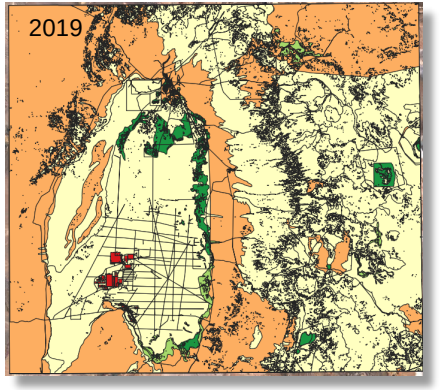


Biodiversity Index: time-lapse

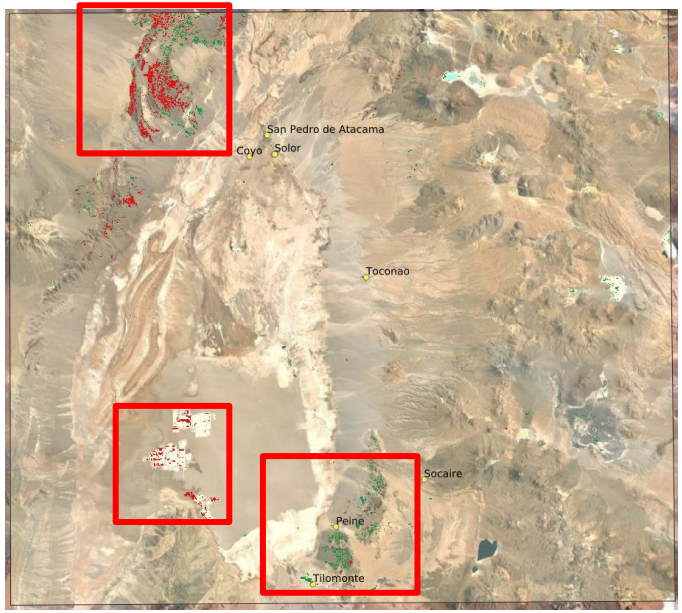




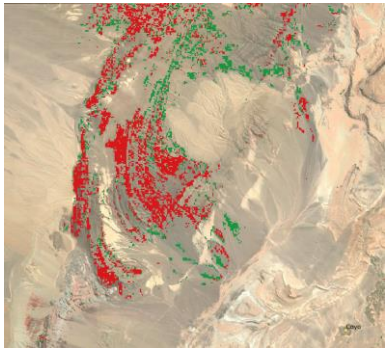
Index Score

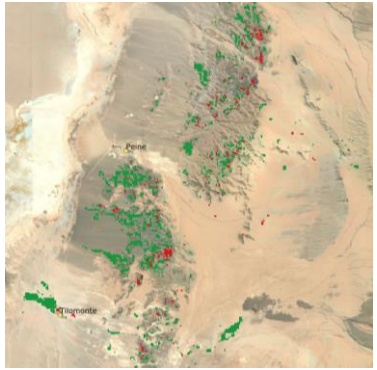


Change in Biodiversity Index Score 2015 - 2019

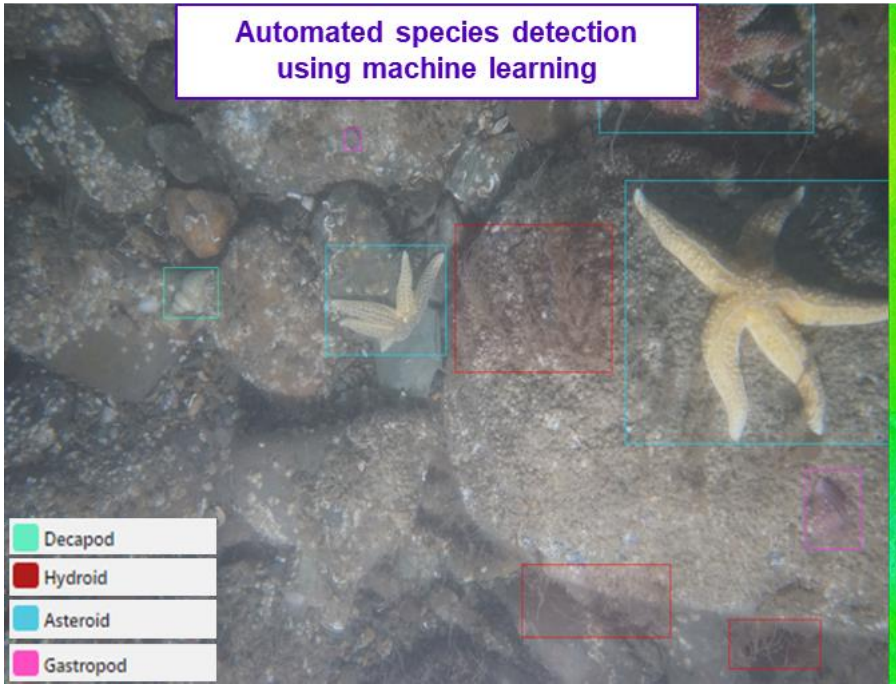


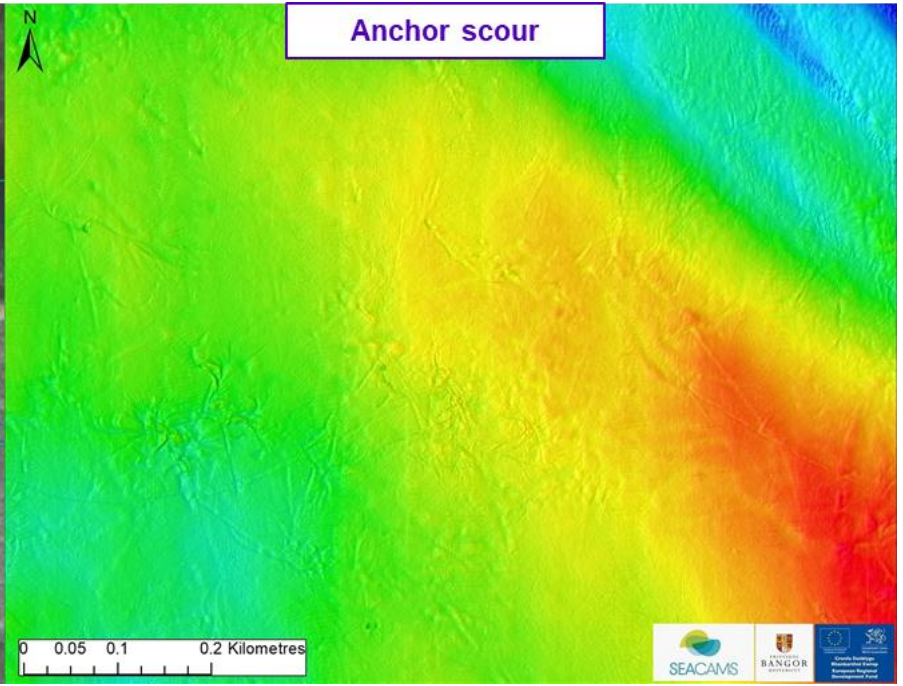
Loss of Biodiversity Value
No Change
Gain of Biodiversity Value





Using CGG data science & machine-learning capability for Benthic data analysis





How can we develop new areas for business growth?

Collaboration, collaboration, collaboration!

Thank you!

CGG