



Energy From Rocks™

December 2023

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Investor Presentation





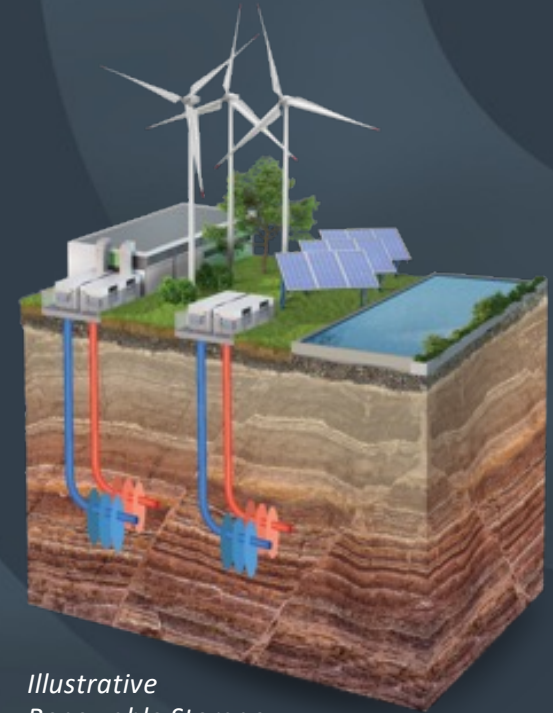
Introduction

Our Mission: build reliable, low carbon energy assets

Our Motto: Energy from Rocks™

Our Business:

- ***Renewable energy storage***
 - ***TerraThermo™ : joint venture with Sage Geosystems Inc to deploy their Hot Dry Rock Technology***
- ***Low carbon power generation***
 - ***Projekt TIEF (Switzerland): geothermal storage and baseload electricity***
 - ***Projekt THERMO (Germany): geothermal storage and baseload electricity***
- ***Reservoir production optimisation***
 - ***Collaboration with Eden GeoPower Inc. to deploy its Electrical Reservoir Stimulation technology in Europe***



*Illustrative
Renewable Storage
and Baseload Power
Generation System
co-located with Solar
PV and Wind
Turbines*

Energy From Rocks™



Our history - Current projects

2021: *ZeroGeo Energy was founded to:*

- *supply base load green electricity to the Grid and to the European data centre market*
- *provide renewable energy storage projects with geothermal technologies*

2022: *Projekt THERMO – Germany – baseload green electricity*



- *Submitted applications for two geothermal permits in Lower Saxony*
- *Completed a geophysical exploration & processing programme in Lower Saxony from November 2022 to February 2023 – a 5,000 km² Air-FTG Survey*
 - *The first time Full Tensor Gravity has been acquired in Europe for geothermal exploration*
- *OMV sponsored the first two phases of Projekt THERMO (FTG and permit applications)*
- *Key points:*
 - *German market premium pricing for geothermal power (~€245/MWh)*
 - *European Investment Bank Term Sheet for financing*
 - *Independently verified and known hot dry rock heat resource*



Our history - Current projects

2023: **Projekt TIEF – Switzerland – baseload green electricity**



- *Discussions with Kanton with respect to one (1) geothermal concession*
- *Negotiated access to 3D seismic & geological database over concession area*
- *Due diligence by industry partner on thermodynamic potential of proposed hot dry rock power system*
- *Discussions with industrial partner for geothermal development to support their power and heat demand*
- **Key points:**
 - *Well documented heat resource to support underlying projects*
 - *Generous SFOE support for geothermal projects (60% of capital cost)*
 - *Access to existing 3D seismic data set*

2024: **Eden GeoPower - Reservoir Production Optimisation**



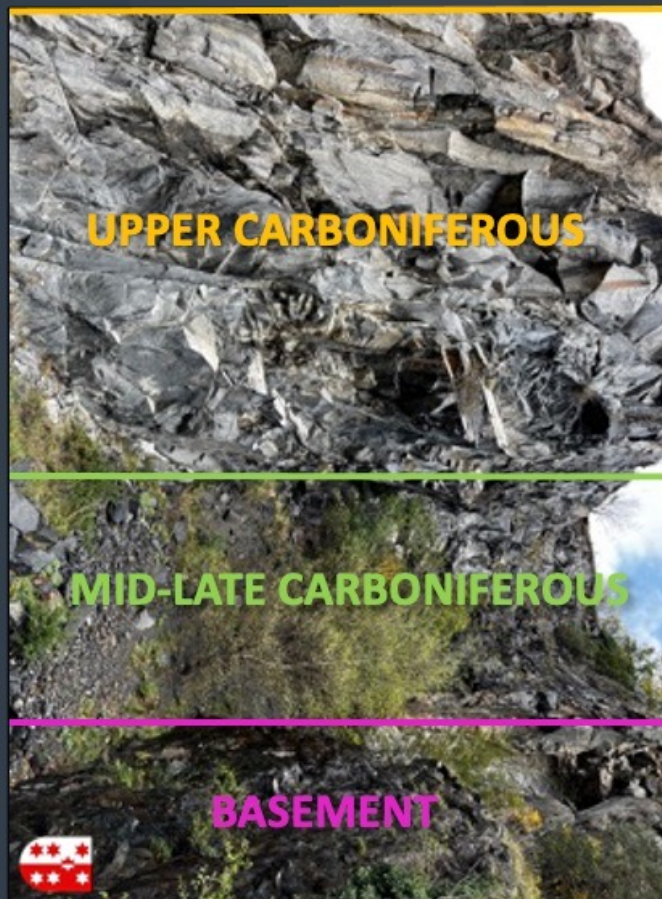
- *Collaboration with Eden to deploy their Electrical Reservoir Stimulation technology in Europe*
- **Key points:**
 - *Eden's technology offers a new approach for traditional hydrothermal projects*
 - *Can be used on existing projects to increase productivity*
 - *Source of revenue for ZeroGeo via Advisory services*

A Hot Dry Rock Reservoir In Switzerland

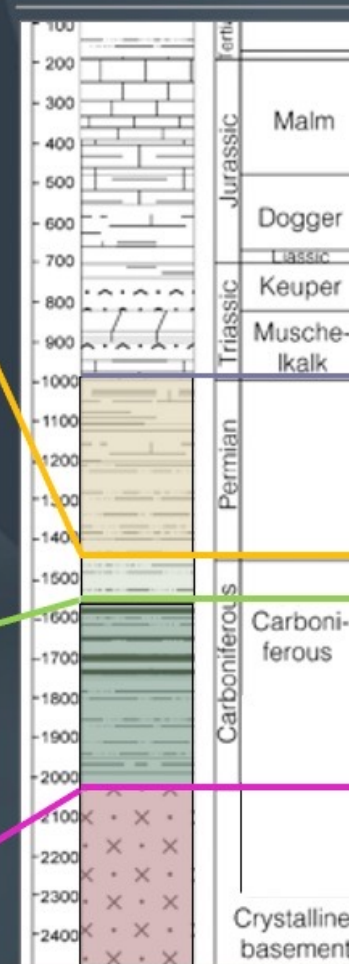
Swiss Outcrop
TODAY



Swiss Outcrop
≈300 Million Years Ago



Swiss Borehole
TODAY



Source: NAGRA

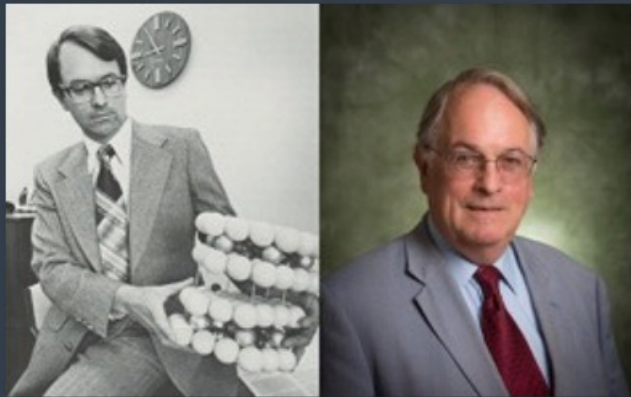
The Lithium-Ion Battery Spillover

ExxonMobil

Invented by ExxonMobil

1970's

Dr. M Stanley Whittingham Ph.D.



Dr. Whittingham in 1979 in an Exxon Research and Engineering publication. Right, Dr. Whittingham today as professor at Binghamton State University. Image credits: ExxonMobil, Dr. M. Stanley Whittingham

SONY

Commercialized by Sony

1980's



TESLA

Monetized by Tesla Inc.

2000's - Now



Energy From Rocks™

The Hot Dry Rock *Spillover*



Patented by Halliburton
Pioneered by Mitchell Energy
1950's to 1990's

Hydraulic Fracturing and Horizontal Drilling
in USA Shale Basins



Image: US Energy Information Administration



Commercialized by USA
Oil & Gas Producers
2000's - Now

USA now largest producer and exporter
of natural gas



Source: Reuters



Piggybacked by
Geothermal Startups
2015 - Now

Fervo Energy Project Red, Utah, USA



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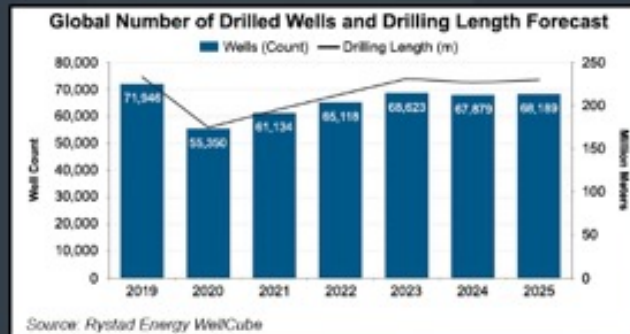
57'000'000'000'000 Watt hours Switzerland's Annual Electricity Consumption



Requires 240 x 30MW GeoPower Plants on 4-hectare sites

Drill 2'400 Boreholes

>60'000 drilled globally per year!



Surface Area Required
9.6km²



Image: Sage Geosystems Inc.

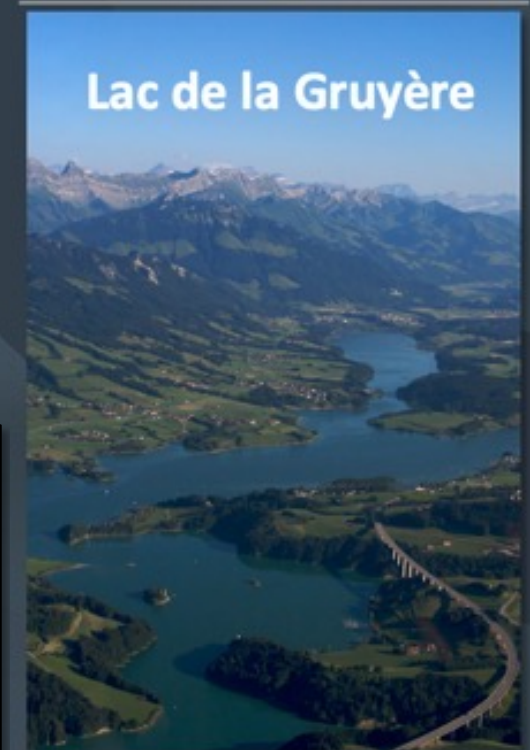


Image: Thomas Guignard

Energy From Rocks™



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Thank You For Your Interest