

Interim Results to 30 June 2023



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Overview



Deliver

- Refocus/rebranding complete
- Consistently strong production
- On track to meet guidance
- Projects progressing
- Campaign abandonment delivering savings



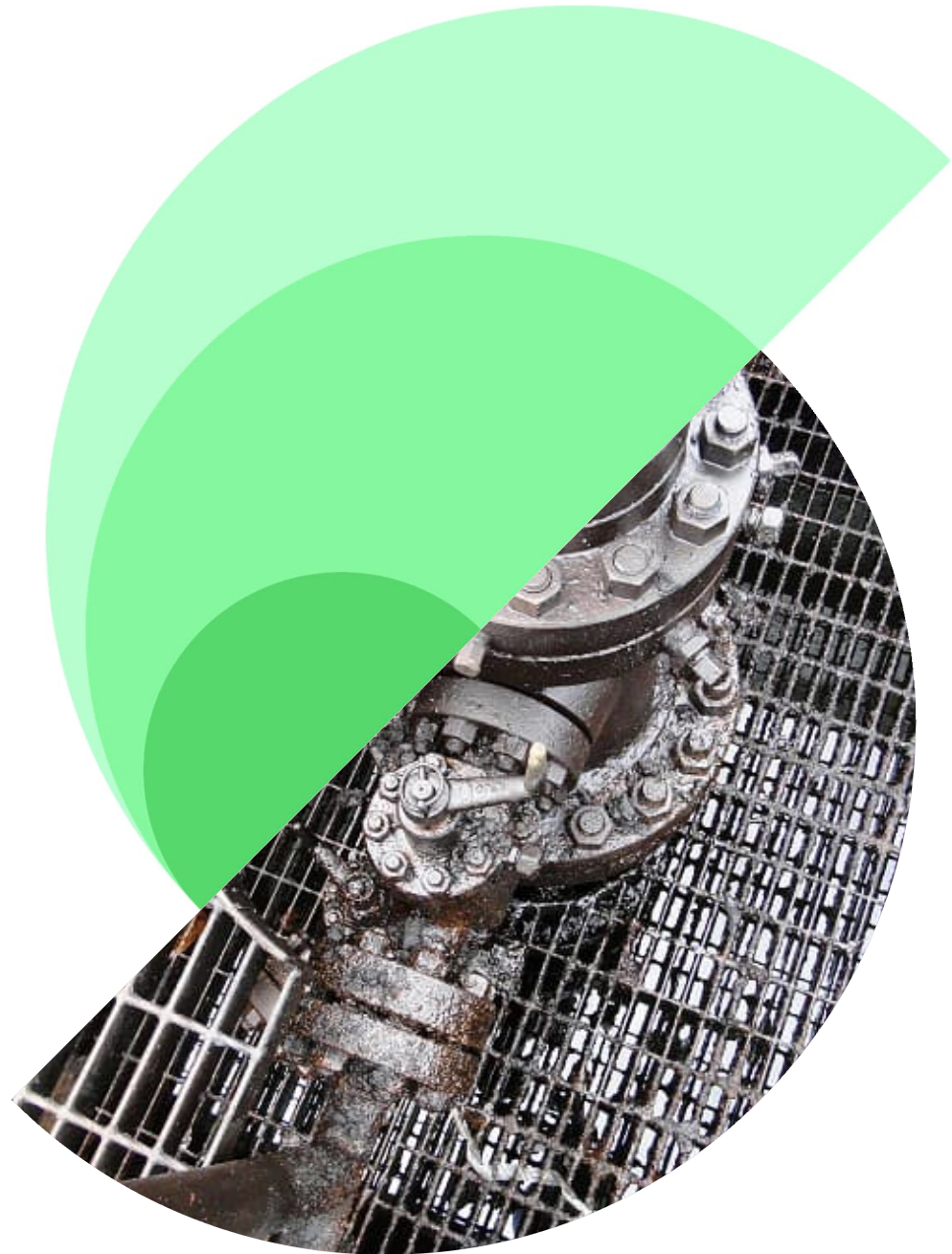
Grow

- Focus on incremental production
- Projects have strong economics
- Significant NHS opportunity for geothermal
- Croatian geothermal acquisition

Financial Highlights

- Adjusted EBITDA of £9.4m (30 June 2022: £10.7m)
 - Strong production during the period generating robust cashflows despite lower prices than in H1 22
 - Revenue £23.8m (30 June 2022: £30.5m)
 - realised price pre-hedge of \$74.5/bbl (30 June 2022: \$110.5/bbl)
 - post hedge \$77.1/bbl (2022:\$85.8/bbl)
 - Operating costs of \$40.3/boe (£32.8)/boe (30 June 2022: \$42.5 (£32.4)/boe)
 - impact of inflationary pressures offset by higher production and improvements in efficiency
- Net debt reduced to £4.0m (30 June 2022: £9.7m)
- Net G&A of £2.6m (30 June 2022: £2.8m)
- Capex of £4.4m
 - Corringham site preparation, projects to generate near-term production, maintenance & regulatory costs, progressing conventional exploration opportunities, further developing UK geothermal projects
- Ring fence tax losses of £259m (30 June 2022: £263m)
- Estimated Energy Profits Levy charge based on H1 23 estimated at c.£0.9 million
 - payable in October 2024

Oil and Gas



Operations

Conventional Production

- High uptime across portfolio
 - 80% H1 23 v 68% H1 22
- Production well within FY guidance
- Low cost, high return well stimulation programme
- Opex/bbl reducing but under pressure from inflationary costs and regulatory overburden
- Decommissioning progressing with cost savings above expectations



Development Opportunities

Oil and Power

- Projects with strong economics
 - Glentworth Phase 1 – 200bopd; IRR 67%; 1.5yrs payback*
 - Corringham Phase 1 – 110bopd; IRR 29%; 3.5yrs payback*
 - Bletchingley – c.190boepd; IRR 51%; 1.75yrs payback
- Progress on all projects – Corringham in executable form
- Regulatory delay – EA permit delays
- FID dependent on funding: free cash flow, capital allocation, additional finance



Geothermal



Decarbonising Heat for the UK

37% of the UK's GHG emission are from space heating. Decarbonisation at scale is the challenge

- Geothermal represents the only utility scale solution for decarbonising heat in urban areas
- Using our decades of experience & expertise in onshore energy development, we have developed a market leading position
- Space heating market is c.750TWh/annum
- Huge accessible market we are uniquely qualified to capitalise on
- Pipeline of 35 qualified opportunities both public and private sector

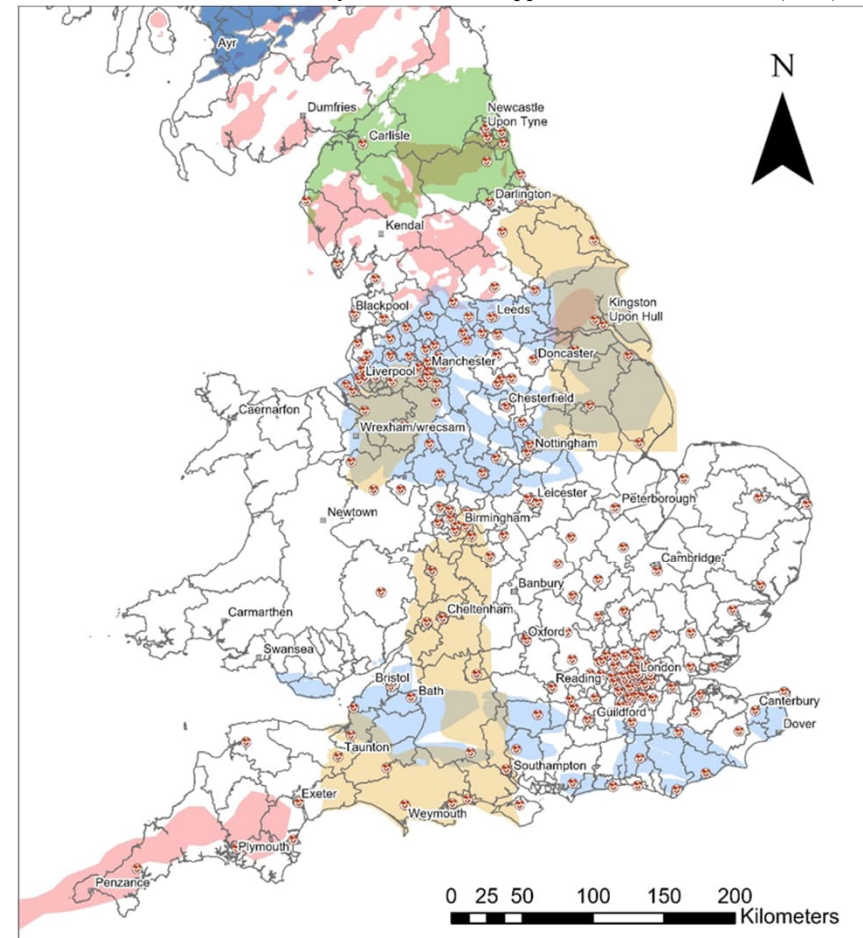


Decarbonising Energy Sources for the NHS

BGS/Arup Report June 2023: Confirms significant opportunity in NHS estate

- Public sector estate is one of the main emitters of GHGs
- Hospitals have predictable and significant heating requirements ideal for geothermal
- 30 top-ranking hospital sites (based on heat demand) could save emissions of 281 kt CO₂ equivalent per year
- Bid for 5 NHS tenders through Carbon & Energy Fund
- To date, two awarded: both to Star Energy
 - Wythenshaw – Manchester
 - Salisbury

British Geothermal Survey: Geothermal Opportunities for the NHS (2023)



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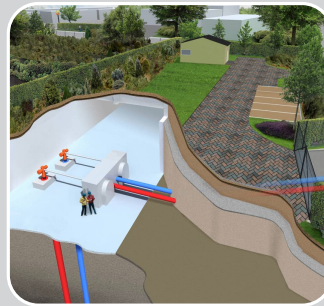
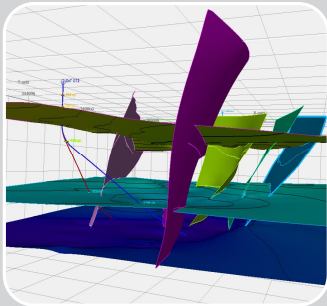
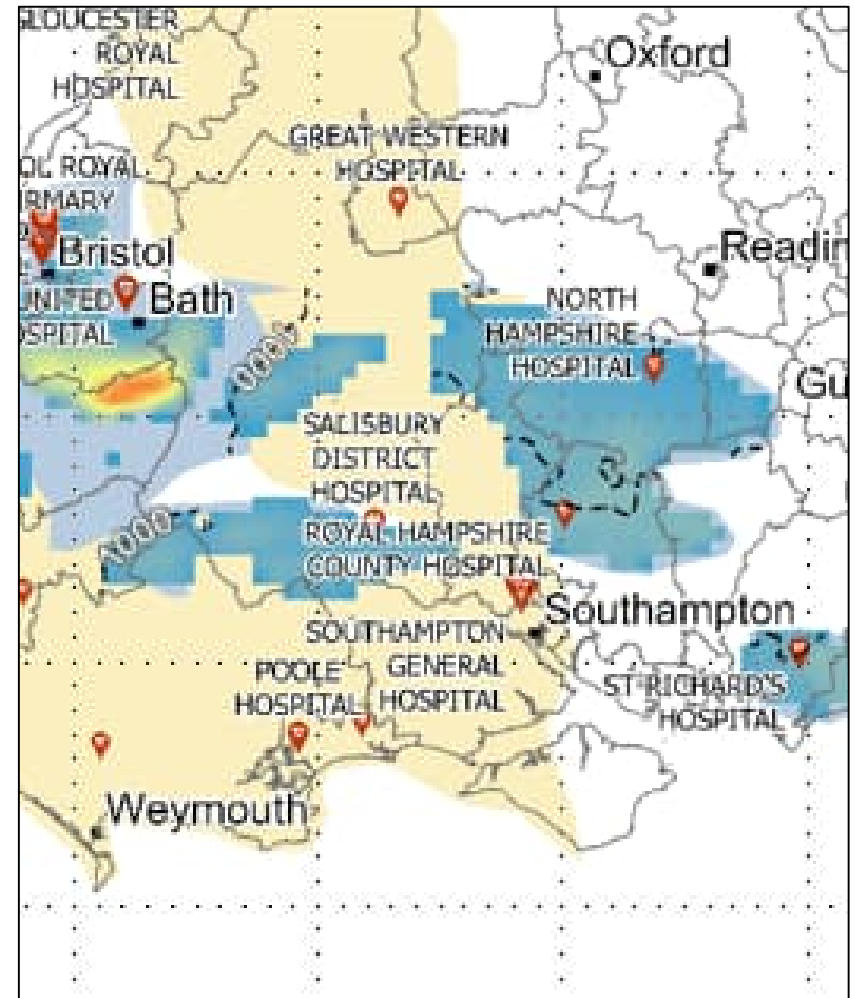
- Hospital
- Local Authority District
- Major placenames

112 Trusts with Geothermal potential
The top 30 NHS emitters would save >280ktCO₂ (12% of total)

Salisbury NHS Foundation Trust

To provide geothermal heat and support the Trust in its binding decarbonisation target
 Currently assessing feasibility of the potential location through a 2D Seismic program and reprocessing c.700km of legacy data

British Geothermal Survey: Geothermal Opportunities for the NHS (2023)



Feasibility & Design

- Data Acquisition
- (Re-)Processing & Interpretation
- Geological modelling
- Well & facilities design
- Planning
- Permitting

£1.3m – £1.5m

~18 months

Construction

- Site preparation and construction
- Long leads and drilling consumables
- Rig mob & de-mob
- Rig time
- Energy centre
- Utility connections

£20m – £25m

~15-18 months

Fully inclusive, index-linked

- Operations support
- Routine & Preventative Maintenance
- ESP replacements
- Energy costs

30+ GWh/yr
 <£95-120/MWh

20+ years

Croatian Geothermal Sector

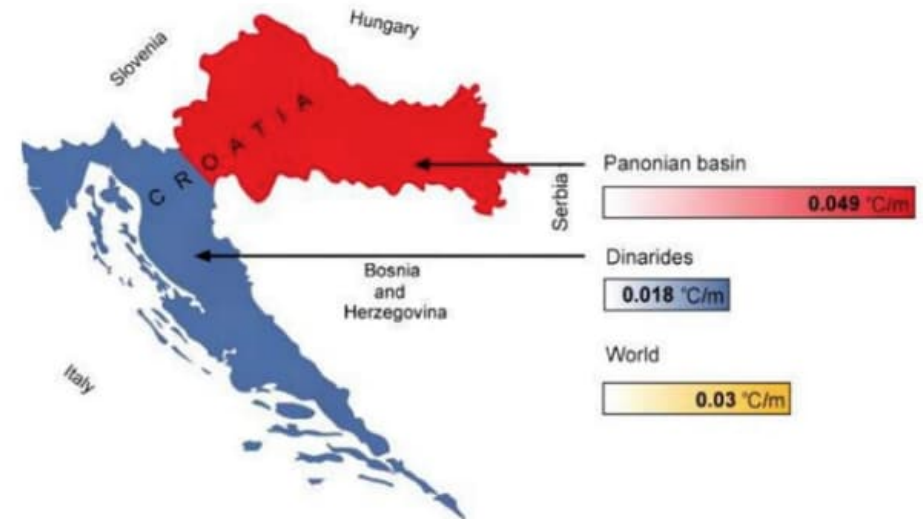
- Fast growing, heavily promoted (by the government) sector
- Single operating plant Velika Ciglena (17.5MWe)

Geology

- Proven to have a geothermal gradient 60% higher than the European average
- Significant existing data set from oil and gas exploration:
 - Over c. 4,000 wells and 2D and 3D seismic covering an area of 20,000km²
 - Well test data demonstrating temperature and permeability

Regulation & Country Risk

- Licencing through the Croatian Hydrocarbon Agency
 - Initial 5 year exploration licence, followed by the production permit (subject to fulfilling licence obligations during the exploration phase)
- Croatia has been an EU member country since July 2013 and adopted the Euro in Jan 2023



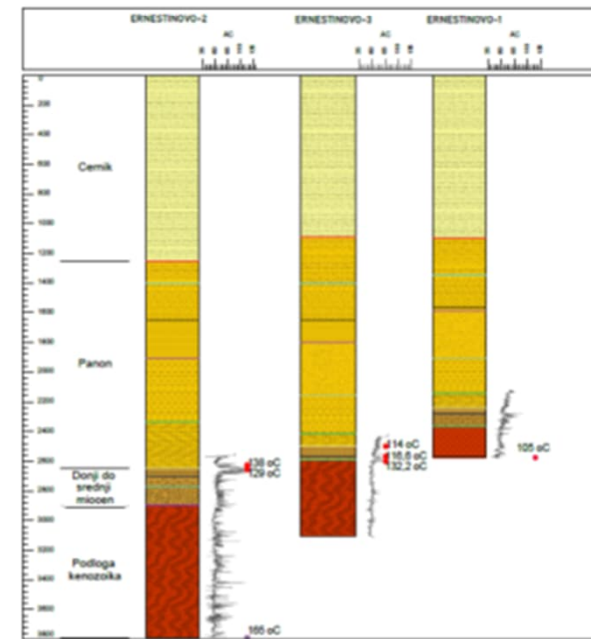
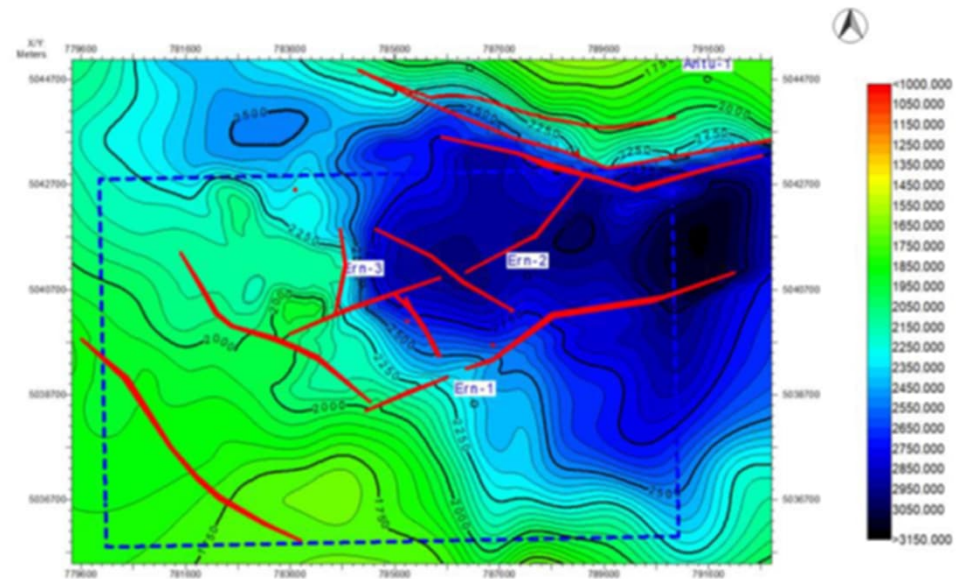
Croatian Acquisition

- Acquired a 51% interest in A14 Energy that owns, via its Croatian subsidiary, IGeoPen d.o.o. (IGeoPen) for €1.3 million
- Interest acquired by GT Energy Croatia Limited (GTEC)
- IGeoPen owns a highly prospective Ernestinovo licence
- In addition, bids have been submitted, through IGeoPen, for three further highly prospective licence areas
- GTEC carry of €13.2 million over the five-year exploration licence period. The carry is repayable from free cash flow generated from the licences
- A14 team includes highly regarded geothermal and geological experts with a recognised track record in the Croatian energy sector



Ernestinovo Licence

- A 76.66km² exploration licence in Pannonian Basin with 3 deep wells drilled nearby and 250km of 2D seismic data reprocessed and interpreted
- Conceptual project for Ernestinovo-3 well workover has been submitted
- Re-enter an abandoned oil and gas well by April 2024
- Based on preliminary heat reserves and well productivity estimates, a 10MW electricity generation plant (ORC) is planned:
 - 4 producing and 2 injecting wells (4 new wells and 2 well re-entries of abandoned wells)
 - Connect into Ernestinovo HOPS substation - a major substation with 400kV transmission lines to Zagreb, Hungary, Serbia and Bosnia, with step down to 110 kV and 85kV



Looking forward



- Incremental value creation in existing operations
 - Production optimisation
 - Decommissioning
- Step change value creation in existing operations
 - Generating significant free cash flow at current commodity prices
 - Execute near term projects (subject to funding)
- Grow geothermal business
 - Mature UK pipeline
 - NHS significant opportunity
 - Croatia near term electricity opportunity
 - Expand into other jurisdictions