



Unleashing Geothermal Development

2021

- **Born from fire:** In Greek mythology, Hephaestus was the god of fire, volcanoes – the Greek equivalent of the Roman god Vulcan. We adopted his name because we, too, intend to harness the power of the heat in the Earth.

Houston

Steve Krase
Chief Executive Officer,
Jan 2021



Peter Harvey
VP Technology,
June 2021



John Clegg
Chief Technology Officer,
Jan 2021



Cheltenham

- **Innovation driven by diversity.** We have deliberately selected a team that is diverse in location, background and experience in order to promote critical and innovative thinking and ensure the ideation needed to develop genuinely new technology.
- **Expertise and experience.** Our team has hundreds of years of collective experience in successfully delivering designs for drilling and measurement of challenging wells.

Shraddha Singh
Mechanical Design Engineer
July 2023



Jon Careaga
Business Development
Manager Europa
July 2023



Matthew White
VP Systems,
April 2023



Darryl Roe
Senior Firmware Engineer
July 2023



Gorka Plata
Mechanical
Design Engineer
September 2023



Bilbao

- **We founded Hephae Energy Technology** to allow the drilling of directional wells in increasingly deeper and hotter rock.
- **As the technology enabler of the Unconventional Geothermal Industry,** Hephae will leverage advanced technology created for the oil and gas industry to develop cost-competitive, base-load power generation capacity, virtually anywhere.

2023

hephaeenergytechnology**timeline**

2030+

Global

1

Million Wells by 2050

2000

Years Experience

+3000°C

- **Extend the temperature limitations** beyond existing capabilities. Enable hotter, deeper wells with an integrated directional drilling system.
- **Develop additional products and technologies** we can leverage our high-temperature electronics experience to expand into intelligent completions and production monitoring.
- **Hotter is better.** High temperature tools with high reliability will allow deeper, hotter wells with much improved LCOE.
- **Invest in the future** - ask for details.

