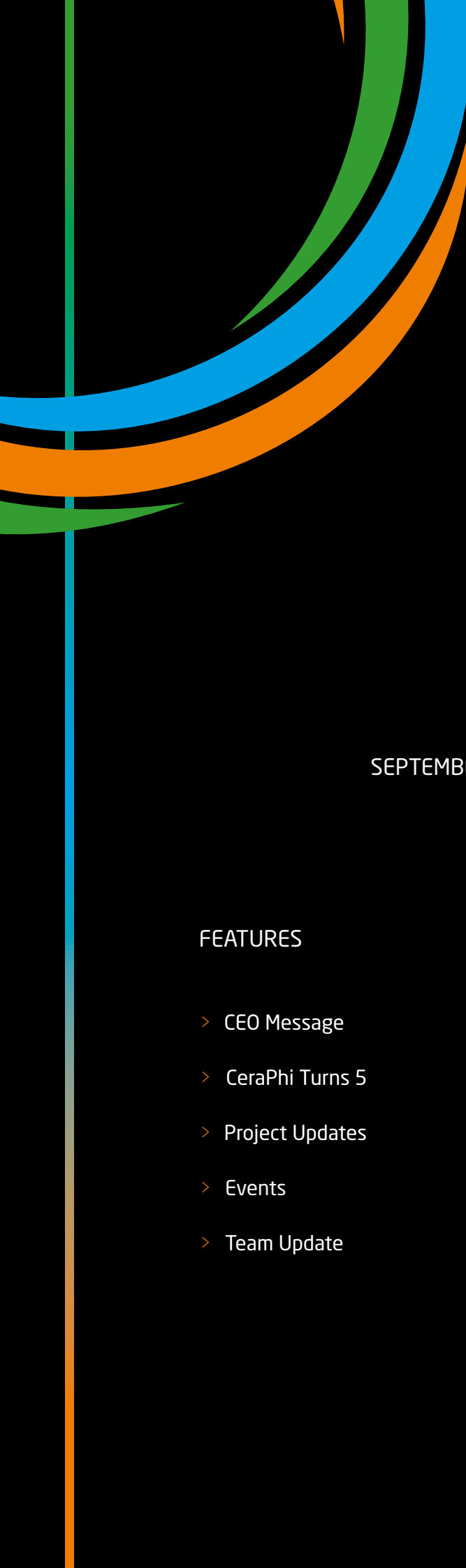




EnerGeo Newsletter

Count Down Net **0** Carbon

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SEPTEMBER 2025
ISSUE

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CeraPhi Energy

Celebrating



years

**of Geothermal
Innovation**



Karl Farrow
- CEO CeraPhi® Energy

Turning Five - A message from our CEO

First, the system around us is catching up. Ofgem has set a phased timetable for heat network regulation, consumer advocacy and authorisation began in April, with full regulations planned to launch January 2026 and mandatory operator registration by January 2027. That framework matters: it lowers risk for investors, gives customers protections, and makes long-lived heat infrastructure bankable.

Second, the UK finally has a national, decision-grade view of its subsurface. The British Geological Survey launched the UK Geothermal Platform, a government-funded, interactive map that brings together shallow and deep options, closed-loop and open-loop heat pumps, hot sedimentary aquifers, and engineered systems in granites. Among the many takeaways: closed-loop systems are technically deployable almost anywhere in Great Britain, and up to 55% of the population could draw ~15,000 kWh of heat annually from a single 150-m borehole, about a typical gas boiler's yearly output. That kind of clarity lets planners, heat-network zoning teams, and developers move from guesswork to pipeline.

CeraPhi continues its development push with our own assets and several projects planned to commence before the end of the year. In North Yorkshire, our work with local partners culminated last month with the Great Habton Geothermal Community Heat Network feasibility report being completed. This makes the final piece of the parish-led jigsaw of studies in the area and sets out how converted legacy wells around our Vale and Pickering sites will be developed commercially to supply affordable, low-carbon heat to off-gas-grid villages, precisely the kind of project that reduces fuel poverty, cuts emissions, and keeps spend local.

More broadly, we are aligning our development pipeline with the new planning reality: heat-network zoning strategy, consumer protections, and better supply and demand mapping to compress the "time-to-heat" for communities that need predictable energy costs. At CeraPhi, we'll keep doing what we do best, turning liabilities into assets to provide dependable heat for the places that need it most, from rural villages to complex infrastructure like hospitals and university campuses.

Waves of Change: CeraPhi Marks 5 Years with a Beach Clean



On Thursday 28th August, to celebrate five years of CeraPhi, our team swapped desks for the sand to take part in a beach litter clean. It was our way of giving back to the local community and doing something positive for the environment.

Armed with bags and grabbers, we cleared up rubbish, shared plenty of laughs, and enjoyed some great team spirit along the way. The morning rounded off perfectly with a well-earned cuppa - the perfect Great British seaside reward!

A big thank you to everyone who joined in and helped make our 5th birthday celebration one that really made a difference.



Project Updates

CeraPhi Energises Rural North Yorkshire with Geothermal Innovation



CeraPhi is powering ahead with exciting developments in North Yorkshire as part of its mission to deliver clean, sustainable heating solutions to local communities.

We're currently awaiting the outcome of several grant applications submitted to the Carbon Negative Challenge Fund, covering six innovative projects across the region. These include two proposals in Pickering, another in Slingsby, an agri-tech project in Great Habton, a heat network in central York, and a full geothermal system installation for the village of Kirby Misperton. If successful, these projects will mark a major step forward in decarbonising heat supply across both urban and rural communities.

In more great news, three feasibility studies have recently been completed in the villages of Kirby Misperton, Great Habton, and Little Barugh, thanks to funding from the Shared Prosperity Fund. These studies explored the repurposing of redundant gas

wells owned by CeraPhi into geothermal heat sources for local heat networks. The proposed network for Kirby Misperton could also provide sustainable heat to Dewars Hotel and Flamingo Land's office buildings – a potential win-win for the local community and tourism economy.

CeraPhi successfully presented the results of these studies at a public open day in Kirby Misperton on September 3rd. It was a fantastic opportunity to showcase the potential of geothermal energy to support a carbon-negative future for the region.

These studies are available to read on the website.

Stay tuned – the heat is on in North Yorkshire!

Keeping It Local

One of CeraPhi Energy's key aims is to deliver geothermal heat anywhere in the world. With multiple sites in North Yorkshire, development agreements in Eastern Europe and Australia and ongoing discussions with major clients across the UK it's clear to see that we are working hard to achieve that goal.

With this global focus, it would be easy to miss the opportunities for decarbonising organisations on our doorstep.

CeraPhi is based in Norfolk and throughout 2025 we have been in discussions with several local district councils to provide multiple high-level proposals to assist them in meeting the guidance given in the Local Government Association "Delivering local net zero" Report.

The response has been very positive, and the conversations continue as the Councils strive to ensure that local decarbonising projects happen by supporting the delivery of clean energy projects through the planning system. As a major facility owner, they can see the benefits of implementing geothermal systems in their own premises.

These discussions are difficult in view to the ongoing devolution process, but regular contact ensures that both parties remain fully engaged in local authority decarbonisation efforts.

Councils have not been our only local focus. Over that last few months, we have carried out high level assessments for charities, schools, colleges, churches, leisure centres, swimming pools and offices, all within our home county of Norfolk. With positive responses, follow up meetings are planned and key relationships built.

One of the key elements that has helped CeraPhi receive such positive responses, has been the creation of our 'Heat as a Service' (HaaS) financial model. This allows organisations to benefit from all the advantages of geothermal heat without the high, upfront capital costs normally associated with the installation of a system.

So, while our sights are set on national and global projects, we have by no means forgotten our local roots and neighbours. Our ambition is to make Norfolk one of the greenest counties in the UK!



CeraPhi Secures Innovate UK Grant for US Market Entry

We're delighted to share that CeraPhi Energy has been awarded a £30,000 Value Grant through InnovateUK to take part in the Global Incubator Programme USA (New York), focused on Advanced Engineering & Sustainable Innovation.

This intensive programme is designed to support high-growth UK businesses entering the US market. Over the coming months, our team will engage in tailored mentoring, customer discovery, and market insight sessions, helping us build valuable connections and accelerate our pathway into the US energy sector.

This opportunity marks another exciting step forward for CeraPhi as we continue to scale our geothermal solutions globally.



Collaboration is the True Engine of Clean Energy Innovation



Gary Williams COO

At CeraPhi, we believe the energy transition can only be achieved through collaboration, innovation, and shared purpose. Our core values are rooted in making geothermal a practical, scalable part of the clean energy mix—but we also know that no single technology or company can deliver the transition alone.

That's why being part of the Hethel Group's Clean Energy Tech Cluster is so important. It gives us the chance to align our geothermal expertise with other innovators across the region—whether that's linking constant heat supply with battery storage, supporting district heating schemes, or working with industry partners to cut carbon at scale.

These partnerships reflect what matters most to CeraPhi: advancing the energy transition in ways that are collaborative, practical, and regionally impactful. By working in networks rather than silos, we can accelerate solutions and ensure this region leads the way in delivering clean, reliable, and integrated energy systems.

Events

Geothermal Conference 2025 Geothermal in the UK - What's next?

On 12 June 2025, more than 100 of the UK's leading geothermal experts, academics, investors, and supply chain experts met at the prestigious Geological Society of London with a focus on commercialising geothermal. This is believed to be the largest grouping of geothermal enthusiasts ever held to discuss commercialisation in the UK. Karl Farrow, CeraPhi CEO, presented on 'Commercialising medium-grade heat' and took part in the panel discussion on 'What's next for commercial heat & power in the UK?'

The conference identified 10 key themes that would significantly accelerate deployment of geothermal:

- Widespread political support would kick-start geothermal in the UK
- Geothermal offers jobs, reduced emissions, near zero carbon heat and power, and energy security
- Increased national & local government support would advance geothermal as a clean energy option
- Resources are available everywhere in the UK - we just need to use them!
- Commercial projects already exist - the challenge is to scale up and unleash the technology
- Financing and funding will be critical - public financing can accelerate project delivery
- A clear, simple regulatory framework in the UK would improve investor confidence
- The UK services sector and supply chains are ready to meet a surge in geothermal projects
- Heat networks fed by geothermal resources are an enormous opportunity
- Academic support and involvement are growing - increased funding is desirable

The event was organised by the Geothermal Energy Advancement Association, with Tania Farrow and Chris Sladen playing leading roles, together with the Geoscience Energy Society of Great Britain. An award was given to Peter Ledingham for 'Outstanding contribution to the development of Geothermal Energy' for over 40 years at the forefront of geothermal advances in the UK. During the event, the National Geothermal Centre announced that June 12 would henceforth be known as UK Geothermal Day and be a celebration of geothermal in the UK, and how it can benefit the UK.



What's coming up



Site Visits at KMA

30 September & 1st October, Yorkshire

We're opening the doors to our KMA site for exclusive visits on 30th September and 1st October. This is your last chance this year to see CeraPhi technology in action and learn how we're driving the future of clean, baseload heat.

Places are limited.

To book your place, contact Holly Perdicou.

Holly.Harvey-Perdicou@CeraPhi.com



SUPPLY CHAIN
CONFERENCE & EXHIBITION

Net Zero Supply Chain Conference

2 October, North East England

Our very own Gary Williams will be representing CeraPhi at NOF's Net Zero Supply Chain Conference & Exhibition at Wynyard Hall, North East England.

The North East and Teesside are true Net Zero industrial hot spots, with massive investment in clean energy, including geothermal. This is a fantastic opportunity to connect with Gary and learn more about how CeraPhi is shaping the supply chain for a sustainable future.

TEAM UPDATES

Student Interns Help Power the Future of CeraPhi Pro

This summer, CeraPhi Energy was thrilled to welcome Charlotte Boniface and Ashton Ardley, two talented students from East Norfolk Sixth Form College, as part of an internship through The Ogden Trust programme.

Charlotte and Ashton joined our team to support the development of CeraPhi Pro, our powerful geothermal heat mapping software. Their focus? Enhancing data layers and contributing to a detailed mapping project that will help shape the future of low-carbon heat solutions in the UK and beyond.

"The work Charlotte and Ashton have done has been crucial to the progress of CeraPhi Pro," said Barry Read. "They didn't just observe – they got stuck into a real-world project, made real contributions, and left a real impact."

At CeraPhi, we believe in giving students more than just a glimpse of working life. Our internships are about hands-on experience, practical learning, and making sure young people get to contribute meaningfully to a live, evolving project.

We're incredibly grateful to Charlotte and Ashton for their energy, hard work, and curiosity – and we're proud to have played a part in their journey into STEM careers.

Thank you both – and best of luck for what comes next!



Meet Zack Walsh: Geology Intern

Building a Future in Geothermal Energy



Q: Tell us about your recent placement at CeraPhi. What kind of work have you been involved in?

Zack: At the start of my placement, I created a geological reference document summarising the settings of various regions across the UK. This helps streamline report writing by providing ready-to-use summaries for different locations. From there, I supported the CeraPhi team with geological input for reports and analysis.

I also assisted other interns by creating geographical maps using GIS software, based on temperature and geothermal gradient data. This helped visualise subsurface conditions and added depth to the reports we worked on together.

Q: Did you come across anything particularly interesting or surprising during your time here?

Zack: Yes, during our geological research, we identified some interesting patterns in temperature distribution across different regions, which pointed to similar underlying causes. It was fascinating to see how common geological features can link different areas, and it gave me a much clearer understanding of the UK's geothermal potential.

Q: What motivated you to return to CeraPhi for another placement?

Zack: I really wanted to deepen my experience and get more involved in the kind of work CeraPhi does on a daily basis – things like report writing, technical research, and project planning. I knew it would help not only with my degree and dissertation but also with improving my job prospects after university. Since my previous placements, I've enjoyed working with the CeraPhi team. The projects have always been interesting, and the experience has been both educational and rewarding. Returning felt like a natural step.

Q: How has this experience helped your personal and professional development?

Zack: I've gained a much better understanding of the energy sector, especially in relation to engineering, oil and gas, and geothermal. I've also developed my research and report-writing skills, it's been eye-opening to see how reports in industry differ from academic work.

One of the biggest skills I've picked up is using GIS software. I taught myself through online tutorials so I could help create maps for the team. It's a skill I'll be using a lot more, especially in my dissertation and in any future roles in the industry.

I've also grown more confident in communicating with new people and contributing to meetings, something I've really valued.

Q: Could you tell us a bit about your university background?

Zack: I'm currently going into my second year studying BSc Geology at the University of Exeter's Cornwall campus. The course has included some amazing field trips, and I'm looking forward to more in the next couple of years, especially since some of the areas I've studied during my time at CeraPhi link directly to my upcoming academic fieldwork.

Overall, my degree is going really well. After I graduate, I'm hoping to go straight into the workforce, maybe through a graduate scheme or, potentially, by returning to CeraPhi. I'm especially interested in geothermal geology or hydrogeology, both of which are growing fields with lots of exciting opportunities.

Running for a Cause: Jimmy Farrow Takes On the London Landmarks Half Marathon for Mind



In April 2026, CeraPhi's very own Jimmy Farrow will be lacing up his (very colourful) trainers and taking on the London Landmarks Half Marathon, running an impressive 13.1 miles in support of Mind, the mental health charity.

What makes this even more inspiring? Jimmy only started running in April this year.

"Most people start with Couch to 5K," says Jimmy. "I went straight from the actual couch to a 5K parkrun... and it nearly finished me off!"

Since that first breathless parkrun, Jimmy's been quietly racking up the miles — surviving 10K races, clocking in his longest run at 17K, and now running several times a week in preparation for the big event next spring.

His motivation? Raising funds and awareness for Mind, a charity that offers vital mental health support for anyone struggling. Mental health matters — to individuals, families, and workplaces — and Mind's work has never been more important.

"Mind does incredible work. We all know someone affected by mental health challenges, and I want to do something meaningful to help. If you can spare a few quid — or just feel sorry for my legs — I'd really appreciate the support."

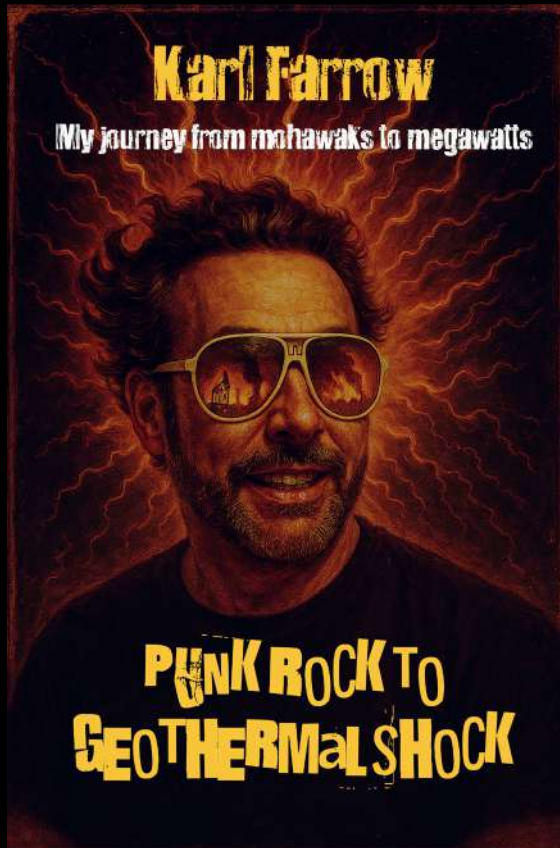
Jimmy's fundraising page is live if you want to show your support.

<https://www.justgiving.com/page/jimmy-farrow-1>

Until then, join us in cheering him on as he trains (and complains) his way to the finish line!

Go Jimmy!

From Punk Rock to Geothermal Shock: Karl's Story Hits the Shelves



We're excited to share that our CEO, Karl Farrow, has just published his biography 'Punk Rock to Geothermal Shock'. The book charts Karl's unconventional journey – from his early days on the punk scene to leading the charge in geothermal energy – capturing the passion, resilience, and vision that have shaped both his career and CeraPhi.

Karl said: "This book is about more than my story – it's about showing that no matter where you start, you can make a difference. I hope it inspires people to challenge the norm and believe in the impact they can have."

Congratulations Karl on this fantastic achievement!

To buy the book:

<https://www.geothermalshock.com/>

Putting the Fun into Team

On Wednesday 17th July, the Ceraphi team took some time out for a well-deserved evening of fun, team building, and seaside spirit. We headed to Great Yarmouth to enjoy a round of crazy golf, complete with plenty of laughter and friendly competition, before tucking into classic fish and chips by the sea.

It was a brilliant chance to relax together, strengthen the team bond, and make the most of everything Great Yarmouth has to offer in the summer. Here's to more moments like this!





THANK YOU!

We'd like to thank every partner, client, student, and supporter who's been part of the journey so far.

Here's to the next five years of transforming heat, unlocking potential, and creating a lower-carbon world—one project at a time.

Warm regards,
The CeraPhi Energy Team

Global Energy Developer Delivering Integrated Geothermal Energy Solutions



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