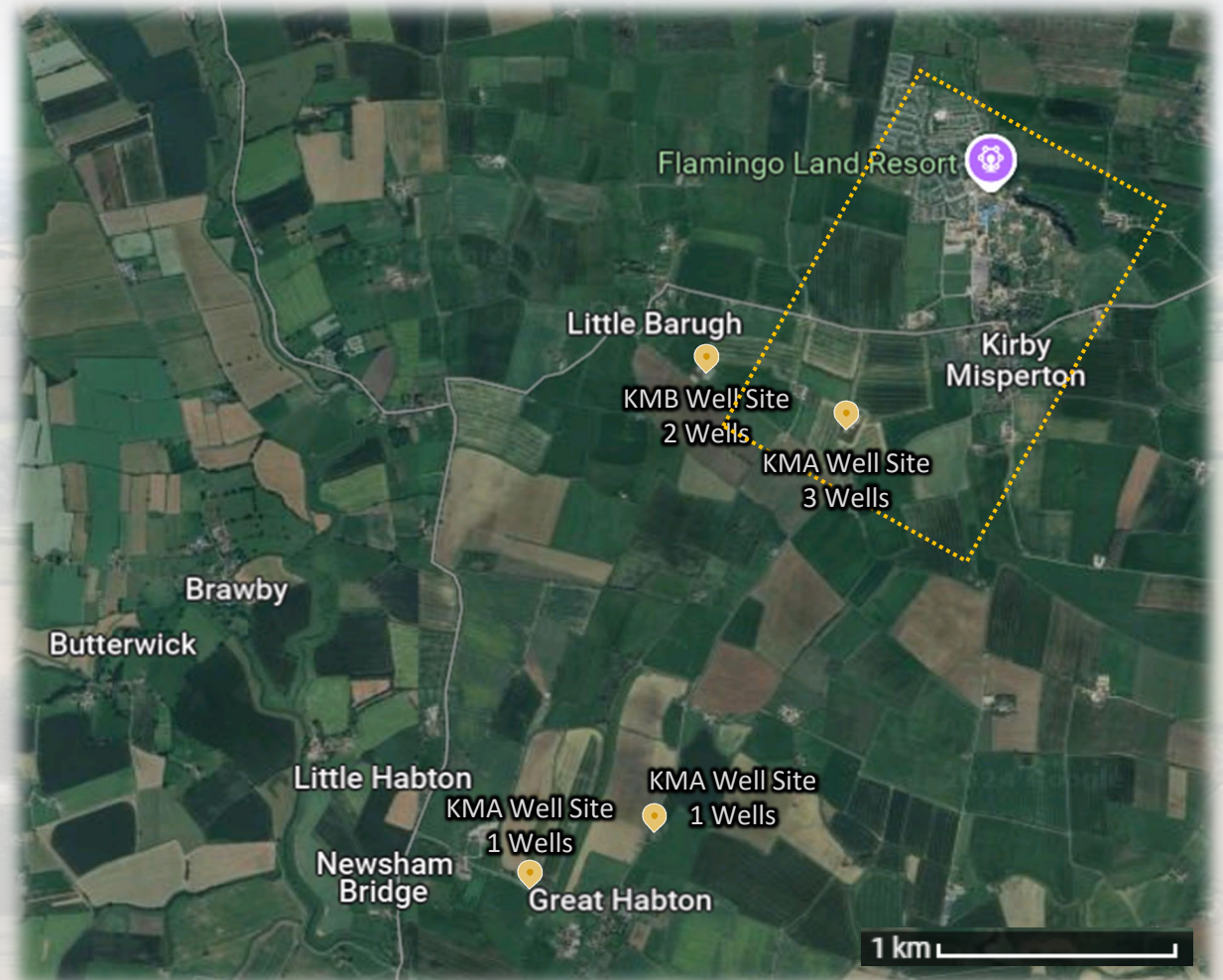


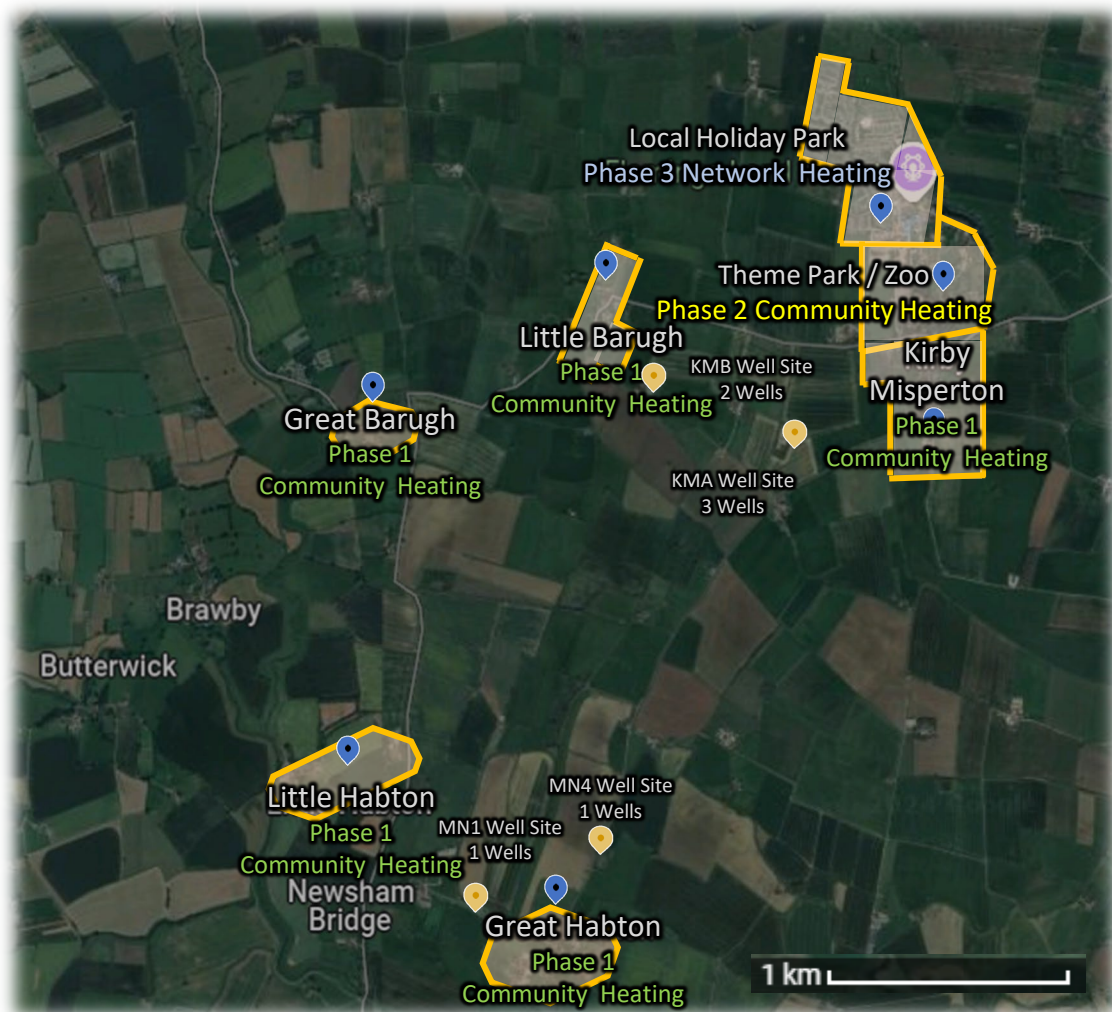


Existing Wells within 500m – 1km off take.

Well	Depth m	Gradient °C/km	Bottom Hole C	Annual kWh
Malton-1	1,931	39.8	76.9	1,518,100
Kirby Misperton-3	2,542	27.9	70.9	2,679,000
Malton-4	1,814	22.7	41.2	803,700
Kirby Misperton-5	1,968	26.0	51.2	1,250,200
Kirby Misperton-6	1,488	29.6	44.1	580,450
Kirby Misperton-7	1,557	30.0	46.7	750,120
Kirby Misperton-8	3,100	29.3	90.8	3,929,200

Recoverable Thermal Energy 3.9 GWth p.a.





Operational Stats

Phase 1

- Ambient Loop Network 20-30C°
- >600 Domestic Connections
- 3.9 GWth p.a

Phase 2

- Ambient Loop Network 20-30C°
- 2 Commercial Business Offtakes
- 5-4 GWth p.a.
- Adding Additional Wells Existing Sites

Phase 3

- Ambient Loop Network 20-30C°
- 1 Local Holiday Park
- 2 GWth p.a.
- Adding additional Wells Existing Sites

Commercial Stats

Phase 1

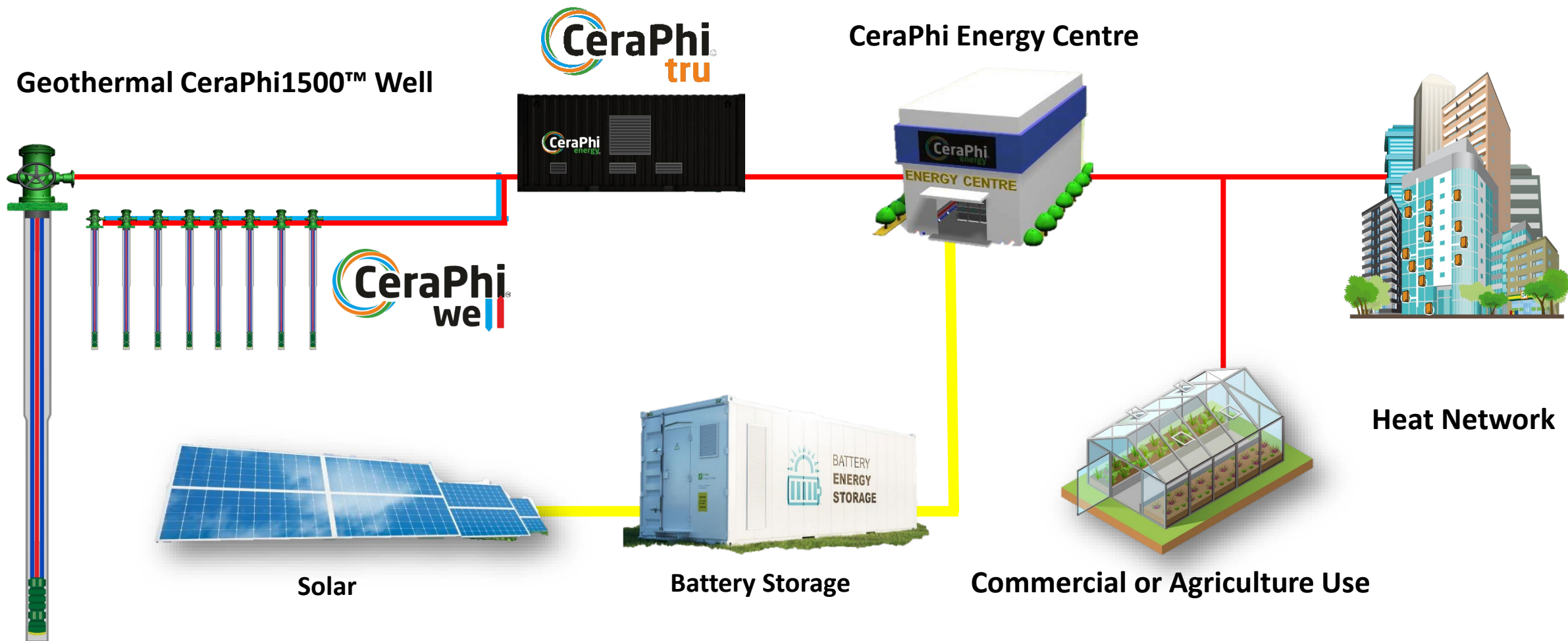
- 18 -24 Months
- CAPEX £18.5m
- Target LCOH £0.10p kWh

Phase 2

- 12-18 Months
- CAPEX >£30m
- Target LCOH <£0.8p kWh

Phase 3

- TBC
- Under Negotiation



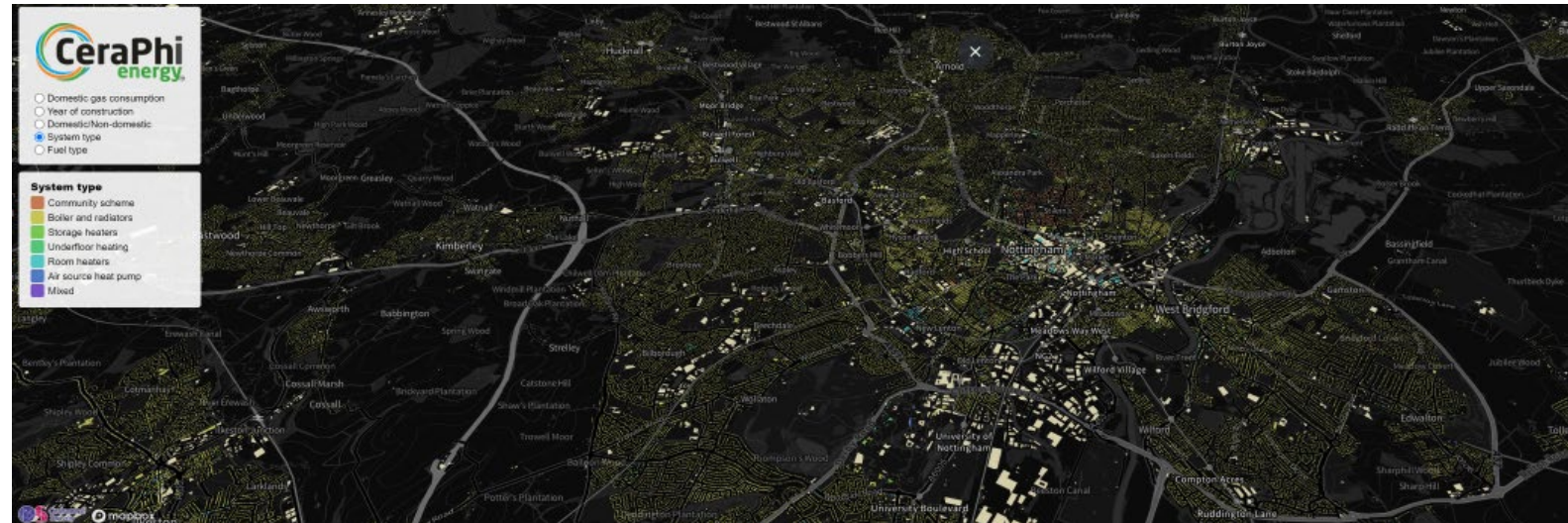
Energy Poverty in Great Yarmouth

- **14.7% of households** (approximately 6,697 homes) in Great Yarmouth are living in fuel poverty
- For every 1,000 homes in Great Yarmouth, on average **117.6 received support** from the main national energy efficiency programme
- In the East of England, **13.2% of households** are living in fuel poverty

These figures highlight the significant challenge of energy poverty in the area, affecting a substantial portion of the population.

✓ Identify "Hot Spots"
focus on quick return
targeted areas and
communities

✓ Planned through year
with 1st project starting
Q1 2026



- 10 iconic buildings to create heat network clusters
- Focus on deprived areas and communities
- Planned through year with project starts Q4 2025



Phase Zero

Q2 2025 - Showcase

Phase One

Q2 2025 - Energy Audit

Review of entire GYBC estate,
Zoning Town, Building Heat
Demand Map

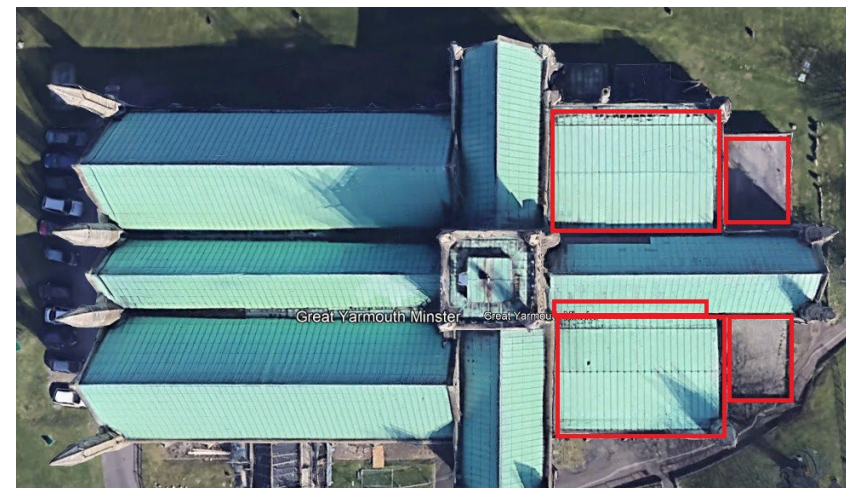


jbj associates



jbj associates

- Zero-carbon, combined-source renewable energy system
- Underfloor heating, EV charging points and rainwater recycling
- Powered by ground bores, heat pumps, roof-mounted solar panels
- Excess energy to be 'sleeved' to local charities providing stable, cheaper power source



An aerial photograph of an industrial site, likely a construction or testing area. In the center, there is a large piece of machinery with a crane arm, possibly a drilling rig. To the left, there are several shipping containers, one of which is orange and another is grey. A worker in a high-visibility vest is standing near the grey container. The ground is dirt and gravel. In the background, there are more industrial structures and a fence. The entire image is overlaid with a semi-transparent white box containing text.

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