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Low-carbon heat blueprint service

“Accelerate heat decarbonisation and have confidence that your plan will achieve your sustainability goals. This service also sets the stage for future feasibility and engineering studies.”

Matt Dickinson
Head of Service
Capital Projects
Sustainable Transition

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Is this you?

If you've reached a point where you need to upgrade heat infrastructure quickly and don't have a full decarbonisation roadmap, you're probably trying to weigh up your options. You need some credible and independent advice to answer these questions:

What technology and infrastructure will do the job and provide a credible business case for investment?

What technology and infrastructure will also help meet decarbonisation goals and avoid locking operations into high carbon-emitting assets?

There are two approaches you can take

1. Fast and low cost

Our Low-carbon heat blueprint service typically takes three to four weeks and will be around 1/4 of the price of a full decarbonisation roadmap. It will give you the information you need to optimise heat use, generation and distribution, avoid carbon dead ends and make a clear and confident business case.

2. Thorough and comprehensive

Our Decarbonisation roadmap service. Although it's more expensive than option 1, it provides you with a full and long-term decarbonisation plan for site: All the detail you need to fully decarbonise in line with your business goals. You can find out more about this comprehensive service here.

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The fast and low-cost approach

With our tried and tested four stage process, you'll have expert recommended concepts within the month

01
Review

We rapidly get to understand process constraints and operations' context by interviewing select teams.

02
Develop

We develop a clear rationale for considering and screening solutions and apply tailored evaluation criteria relevant to the site context.

03
Optimise

We don't waste time – our engineers use best available data to heat-profile the operations and understand how heat use, generation and distribution can be optimised.

04
Design

We select viable solution concepts and outline indicative investment ranges, carbon and cost savings. We have been assisting organisations design zero carbon operations for over 30 years.

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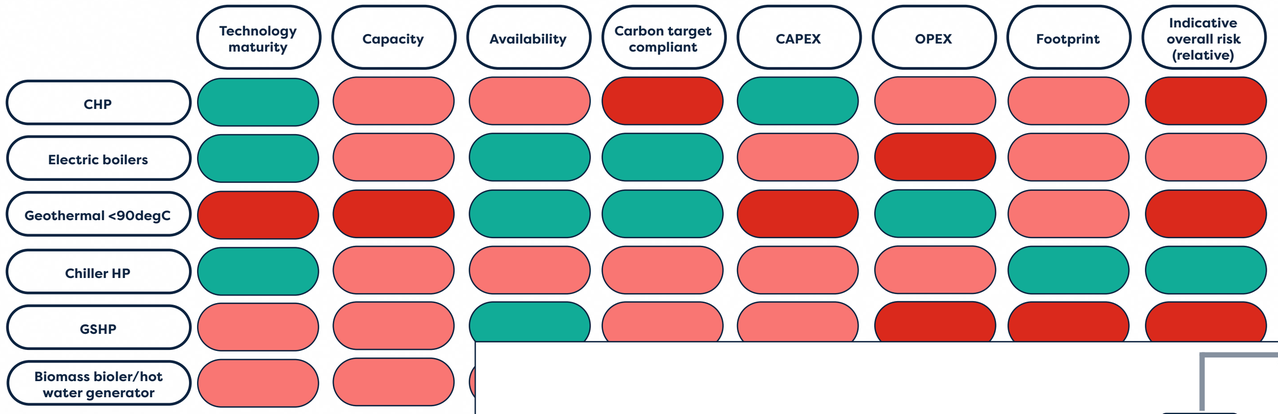
What you get

1. Design concepts on heat use, generation and distribution which will produce viable solutions.

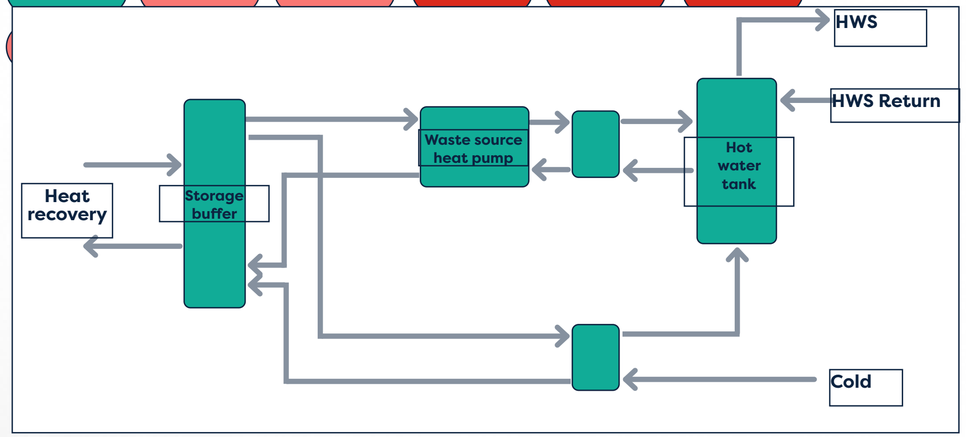
- Evidence-backed
- Risk-ranked
- Indicative investment ranges
- Carbon savings
- Cost savings.

2. Narrowed down investment options.

3. The foundations for developing a business case, feasibility and engineering studies.



Example solution concept risk ranking tailored to the site



Example solution concept proposed

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How you Benefit

Fast-track heat decarbonisation.

Credible project definition and investment case.

Avoid carbon lock-in.

Stepping stone to feasibility and engineering studies.

Have confidence that the solution concepts are optimal for your operations.

1/4 of the cost of a full decarbonisation roadmap.

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Case study

We have recently helped a manufacturer reach an optimal solution for an ageing heating asset by balancing carbon reduction, capital expenditure and operating cost, when upgrading much needed heating distribution infrastructure.

We approached this by looking at the demand for heat and opportunities to upgrade the heating distribution, also adding storage where needed to balance out peak demand. This meant lower capital costs and optimised sizing of equipment.

The solution is consistent with the wider group's carbon targets, improves reliability and avoids negative impacts on the bottom line.

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why BIP.Verco

We've seen it all...

We've been working with manufacturing clients for over 30 years, our expert teams of engineers and analysts support manufacturers around the world with energy and cost savings. We know what works and have a keen eye for spotting those small changes that make big improvements.

Our wealth of experience means we know how technology performs in the real world (not just on the websites) and our technology agnostic approach means you'll get recommendations that are going to achieve what you want.

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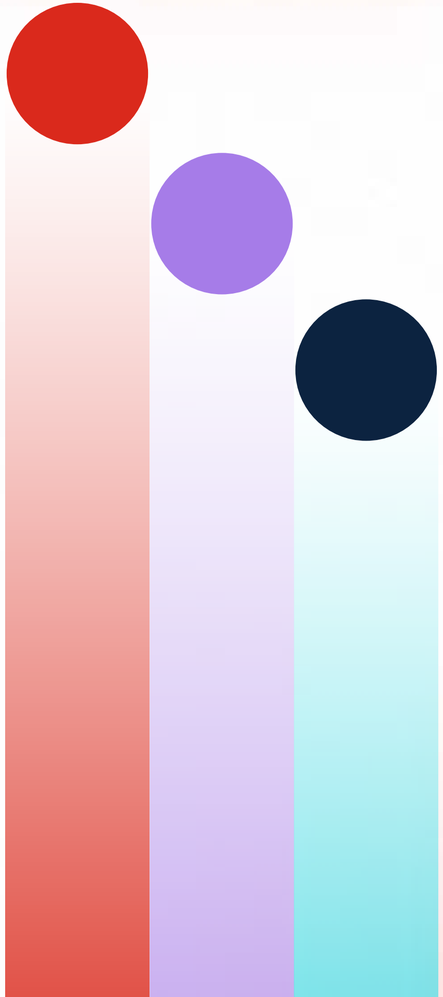
what's next...



Contact us for a free 30 minute consultation

Visit our website

For details on the different technology options, you might like to have a look at our mini guides and webinars:

View the mini guides

Watch the webinars