



DISTRICT HEATING
SOLUTIONS

District heating infrastructure, *delivered.*

Design. Supply. Install. End-to-end heat network solutions
under one roof. Specialist, agile, and deeply technical.

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WHO WE ARE

One team. One company. *The full delivery chain.*

District Heating Solutions brings together specialist design engineering, equipment supply and hands-on project delivery within a single organisation dedicated exclusively to district heating.

Founded by a team with decades of combined experience across the UK's district heating sector, DHS was created to solve a fundamental problem: the fragmentation that plagues heat network delivery.

Where most projects require clients to coordinate between separate designers, quantity surveyors, CDM advisors, installers and commissioning engineers - DHS provides all of these capabilities under one roof.

The result is faster delivery, lower total project cost, and networks that perform as designed, because the people who designed them are the same people who build and commission them.

5

INTEGRATED
SERVICE LINES

15+

SPECIALIST
PRACTITIONERS

£40M

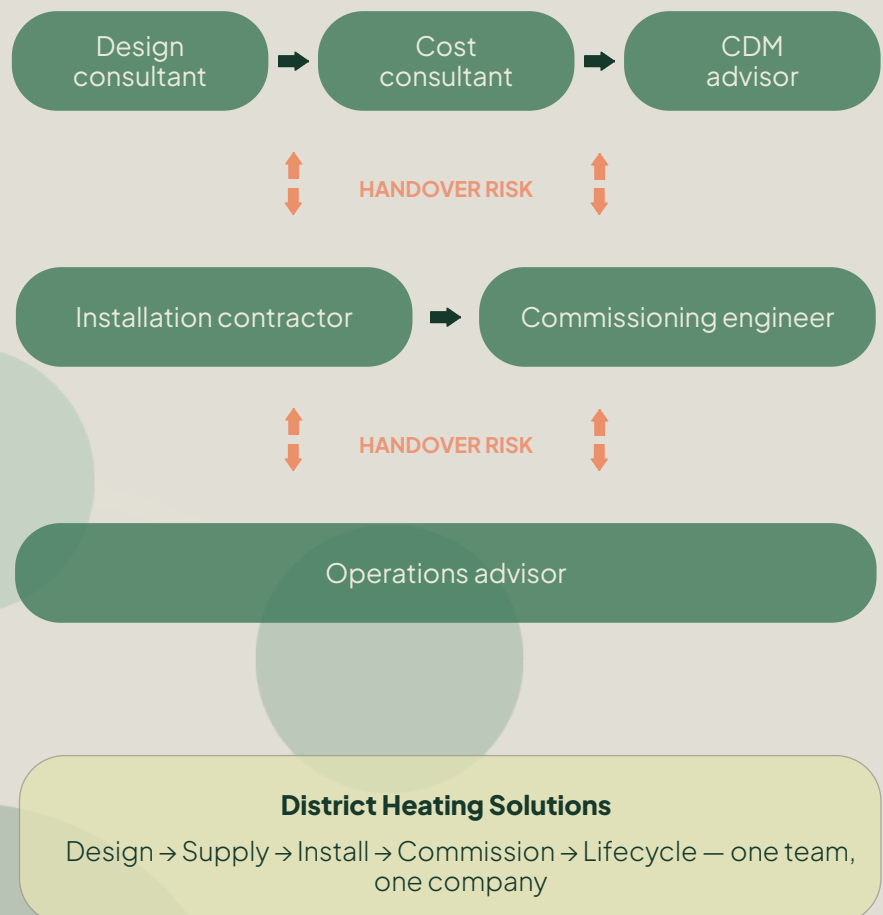
PROJECT VALUE
ACROSS THE TEAM



A fragmented industry.

Developers hire a consultant to design the network, a separate QS to manage costs, another firm to install it, and yet another to commission it. Design intent gets lost in translation. Cost assumptions don't survive contact with site reality. Programme delays compound across every interface. And at each stage, margin is added on margin – inflating capital costs for the client.

TRADITIONAL APPROACH



"The UK district heating sector is fragmented by design. Every handover between organisations is a point of failure."

Integrated delivery, *feasibility to handover.*

Our methodology ensures design intent carries through every stage. The people who design the network are the same people who manage its construction and commission it.

Feasibility & concept design

01

Network viability assessment, heat demand modelling, early-stage cost planning and route optioneering.

We establish whether a heat network is viable, model the demand profile, and develop a realistic cost envelope based on years of experience – before committing to detailed design.

Detailed design & engineering

02

Pipe sizing, energy centre layout, 3D modelling, clash detection and buildability review.

Full technical design with buildability considered at every decision point because our designers have installation experience.

Cost management & procurement

03

Cost management, BoQ preparation, tender management and contractor procurement.

Cost management and procurement rooted in district heating – not generalist construction cost consultancy applied to an unfamiliar sector.

Supply, installation & commissioning

04

On-site coordination, phased delivery management, M&E installation oversight and system commissioning.

Mechanical and electrical project managers with hands-on district heating experience – coordinating installation exactly as the design intended.

Handover & lifecycle support

05

O&M documentation, smart monitoring design, BMS integration, performance reporting and ongoing optimisation.

We don't walk away after commissioning. Our lifecycle support ensures networks perform long-term, with proactive maintenance built in from the start.

WHAT WE DELIVER

Five service lines. *One integrated team.*

Each service line is led by experienced practitioners with direct district heating project experience. Clients can engage DHS for any combination - from a single service to full turnkey delivery.

01

Network design & engineering

Full technical design of district heating networks from feasibility through to construction-ready documentation. Feasibility assessment, detailed 2D and 3D design, energy centre and plant room layout, pipe routing, CAD/BIM modelling using AutoCAD, Civil 3D and Navisworks, and clash detection.

**BUILDABLE DESIGNS THAT
REDUCE RISK & COST**

02

Commercial & cost management

Specialist cost management for district heating projects. Cost planning, budget management, bill of quantities preparation, procurement management, tender preparation, contractor selection, contract management and final account settlement.

**COST CERTAINTY &
COMMERCIAL RIGOUR**

03

Supply, Installation & commissioning

On-site project management for heat network construction. Project supply and on-site delivery of heat network construction. Mechanical and electrical installation, phased delivery planning and programming, contractor coordination, and full system commissioning and testing.

**ON-PROGRAMME, FIRST-TIME
PERFORMANCE**

04

Health, safety & compliance

CDM 2015 Principal Designer services for heat network projects. HNTAS (Heat Network Technical Assurance Scheme) compliance, health and safety coordination, Building Safety Act support, and pre-construction information management, site-specific health and safety management, safe systems of work, and risk assessment across all project phases. We ensure regulatory compliance is embedded from design stage - not retrofitted before handover.

EMBEDDED REGULATORY COMPLIANCE FROM DAY ONE

05

Lifecycle & operations support

Ensuring heat networks perform long after commissioning. Smart monitoring system design, BMS integration planning, fault detection and alert pathway strategy, performance reporting frameworks, lifecycle costing, O&M documentation, and resident/operator handover materials and training.

LONG-TERM PERFORMANCE BUILT IN



End-to-end, under one roof.

From the first feasibility model to the last commissioning test — designed, supplied and installed by one team.

OUR DIFFERENCE

What sets us *apart.*

In a sector dominated by large energy companies and generalist consultancies, DHS occupies a distinctive position – the independent specialist that delivers the full chain.

01 Exclusively district heating

This isn't a sideline within a broader consultancy or a division of a large energy company. District heating is our entire business – every team member, every process, every investment is focused on heat networks. That singular focus provides specialist depth that generalist firms simply cannot match.

02 End-to-end under one roof

Design, cost management, supply, installation and lifecycle support within a single organisation. Clients deal with one team from feasibility through to handover, eliminating the coordination risk that comes from managing multiple separate suppliers. The people who design the network are the same people who build it.

03 Independent from suppliers

Unlike large operators such as Vattenfall or Veolia, DHS is not tied to any particular energy source, technology platform or network ownership model. Our independence means design decisions and cost strategy are always optimised for the client's project, not for a parent company's supply chain or asset portfolio.

04 Practitioner-led expertise

The DHS team comprises practitioners who have spent their careers designing, building and commissioning heat networks for major UK operators. This isn't theoretical knowledge applied from adjacent sectors – it's direct, hands-on experience of what works in the ground, on site, and in operation.

LEADERSHIP

Built to *deliver.*

A senior leadership team with decades of combined experience across district heating design, cost management and infrastructure delivery. Supported by specialist departments covering every discipline required for end-to-end heat network projects.



Stephen Edge
Managing Director



Tom Price
Commercial Director



Charles Lau
Principal Designer



Scott Taylor
Health & Safety



Jordan Edge
UDHN Designer

Design & Engineering

Design Manager · DHN Designers · CAD
Operatives · Principal Designer (CDM)

Commercial

Quantity Surveyors · Cost Management ·
Procurement & Tendering

Delivery & Operations

M&E Project Managers · H&S Manager ·
Commissioning Manager

*"The company is
new. The expertise
and track record are
not."*

STEPHEN EDGE, MANAGING
DIRECTOR

New company.

Proven expertise

DHS is built on the combined track record of DQS Consulting and Design Tech Solutions. Our founding team has delivered district heating projects for the UK's leading operators and developers - across network design, quantity surveying, installation management and commissioning.

VATTENFALL



VEOLIA

switch2

e-on



KNIGHT DRAGON



5

INTEGRATED
SERVICE LINES

15+

SPECIALIST
PRACTITIONERS

£40M

PROJECT VALUE
ACROSS THE TEAM

UK

NATIONAL
COVERAGE



*Some accreditations and associations are targets and remain in progress during transition to new company.

GET IN TOUCH

Let's talk about your *project*.



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WEBSITE

[districtheatingsolutions.co.uk](https://www.districtheatingsolutions.co.uk)



LOCATION

Droitwich, Worcestershire, National UK coverage

Ready to discuss your district heating project?

Whether you're at feasibility stage, need specialist design capacity, require cost management for an active project, or want a single partner for full turnkey delivery - we'd welcome a conversation.

We work with developers, operators and public sector clients across the UK, providing any combination of our five service lines to match your project requirements.



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