

YOUR JOURNEY TO
DECARBONISATION

BUILDING
SERVICES
RE-IMAGINED
BUILDING
SERVICES
RE-IMAGINED



DESIGN
HAUS

DECARBONISATION BROCHURE

WHAT IS DECARBONISATION?

Decarbonisation is the process of reducing the amount of carbon dioxide and other greenhouse gases that are released into the atmosphere, particularly those produced by the way we generate and use energy.

In buildings and infrastructure, this means moving away from fossil fuels and transitioning to cleaner, more efficient systems. How we heat, cool, light and power our spaces, with a strong focus on energy efficiency and renewable technologies.



Ultimately, decarbonisation is about future-proofing the built environment, making spaces healthier, more efficient and aligned with climate goals.

WHY IS DECARBONISATION IMPORTANT?

Decarbonisation is essential in the fight against climate change. Carbon emissions from burning fossil fuels are the main cause of global warming, leading to rising temperatures, extreme weather, and environmental damage. To protect the planet, we need to reduce the emission - and fast!

Buildings cause nearly 40% of global carbon emissions, mainly from heating, cooling, and lighting that still use fossil fuels. By switching to cleaner energy and more efficient systems, we can cut emissions and help tackle climate change.



Decarbonisation also makes buildings better to live and work in. Energy-efficient systems are cheaper to run, improve air quality, and keep indoor temperatures more comfortable.

Every upgrade helps move us closer to a cleaner, net-zero future and our industry plays a key role in that shift.

THE FUTURE OF MEP & SUSTAINABILITY

The future of MEP is all about creating smarter, greener buildings that are energy-efficient and sustainable. As sustainability becomes a bigger priority, MEP systems are evolving to use less energy, reduce waste, and lower carbon footprints.

We'll see more integration of renewable energy sources like solar and wind, along with smart technologies that help buildings run more efficiently. This means automated systems that adjust energy use based on real-time needs, improving comfort and saving resources.



Design Haus are at the forefront of innovations that not only support sustainability but help meet stricter regulations and future-proof buildings against climate change.

Choosing Design Haus as your delivery partner in your journey towards net-zero, you will work hand in hand with us to create buildings that are efficient, environmentally friendly, and cost-effective for the long term.

EXPERTS IN DECARBONISATION

Design Haus' Decarbonisation Programme utilises our expertise to help create buildings that are cleaner, smarter, and more energy-efficient. With growing pressure to reduce carbon emissions and meet sustainability targets, it's becoming a key part of how buildings are designed and upgraded.

By using low-carbon technologies like efficient HVAC systems, smart controls, and renewable energy - helping clients cut energy costs and stay ahead of environmental regulations. It's not just about compliance; it's also about adding value through long-term savings and better building performance.



Sustainability is also a growing priority for our clients, who are aiming for net-zero goals and we understand the role we play in helping them achieve these goals.