

SNC-Lavalin launches Decarbonomics™, a data-driven solution to accelerate journey to net zero

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[SNC-Lavalin](#), a fully integrated professional services and project management company with offices around the world, today launches Decarbonomics™, a data-driven solution to decarbonise the built environment in a cost-effective way and accelerate the global journey to net zero.

The Decarbonomics™ initiative builds on [SNC-Lavalin](#)'s methods and practices to deliver high-performing buildings and developments, interconnected by smart and green systems and infrastructure. It is being launched as both private and public sectors are looking at ways to reduce their carbon emissions at pace as the built environment contributes around 40% of global carbon emissions and the majority of the buildings that will exist in 2050 are already built.

“Creating the net zero communities of the future relies, in part, on effective decarbonisation of existing assets. Decarbonomics™ is a concrete example of how we can help clients meet their net zero targets and is in line with our comprehensive [Engineering Net Zero](#) approach,” said Ian L. Edwards, President and CEO, [SNC-Lavalin](#). “We provide sustainable solutions by connecting people, data and technology in partnership with clients such as the UK Government Property Agency, delivering decarbonisation for its 450-building portfolio.”

Decarbonomics™ brings together [SNC-Lavalin](#)'s expertise and knowledge of building services, engineering design, asset management, project management, cost consulting, data analytics and data visualizations. Founded on the decarbonisation of existing building portfolios, Decarbonomics™ is an end-to-end service

based on a simple three-step approach of benchmarking, road mapping and delivery of an organisation's decarbonisation program:

- Benchmark: develop a carbon baseline
- Roadmap: design a cost-effective carbon reduction pathway
- Deliver: implement our carbon reduction solutions

The three-step approach is underpinned by Carbon Data Insights, a diverse mix of global open-source benchmark databases as well as [SNC-Lavalin](#)'s own rich building data library. The result is a decarbonised estate, achieved through the strategy for achieving carbon reduction from behaviour change to building retrofit interventions, and measuring progress across the portfolio and asset lifecycle.

"Decarbonomics™ is founded on the principle of systems thinking and brings [SNC-Lavalin](#)'s diverse expertise and knowledge of the built environment and buildings together in a way that enables us to make carbon visible at the portfolio level. This empowers our clients to make much more informed decisions about their investments in decarbonisation," said Stuart McLaren, the Decarbonomics™ Development Director, [SNC-Lavalin](#).

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