

Driving innovation *and lowering costs*

Buildings/
Sustainability & Energy

wsp



Main Services

SUSTAINABILITY STRATEGY

Strategic planning

Management system design and implementation

GHG and resource management

Program design and strategic planning

Supply chain management

Public reporting and communications

Climate preparedness

GREEN BUILDING BENCHMARKING

LEED®/WELL/BOMA/Green Globes certification management

Green building/Portfolio benchmarking

Tenant engagement and partnership program

Green to Great® performance tracking and reporting

Integrated design management

Daylight modelling

Green education program

BUILDING PERFORMANCE

Building commissioning

Energy management planning

Integrated energy assessments, including energy audits

Retro-commissioning (ReCx)

Operator training

Building energy simulation

Energy incentives consulting

Performance measurement and verification

Renewable energy analysis

Carbon assessments/accounting

Building automation system consulting services



Proven expertise in helping you reach your sustainability goals

Whether your goal is to improve the bottom line, drive innovation in your organization, or enhance your reputation in the market, our Sustainability and Energy team has the people and the processes to help you succeed. From unlocking the right opportunities for cost reduction to creating brand value, to mitigating risk across the value chain, we work to help our clients build resilient organizations and assets that are equipped to thrive in a fast-changing global market. Operating at the intersection of science, engineering, and strategic management, we can ensure your operations are future-proof. The three main solutions we provide to clients are:

Corporate Sustainability Strategy

We help business leaders navigate the sustainability landscape and build more resilient organizations. We develop and implement management strategies, benchmark performance, communicate success, quantify GHGs, and create climate preparedness plans. Our strategy services are complemented by a wide range of technical expertise within WSP. Our reputation is built on a business-focused change management approach, underpinned by technical excellence.

Cover / Algonquin Centre for Construction Excellence, Ottawa, ON

01 / LEED-NC, LEED-EB and recertification services on Water Park Place, Toronto, ON

02 / Performance testing in a mechanical room

03 / Daylight harvesting rendering of Conrad N. Hilton Foundation, Agoura Hills, California, USA

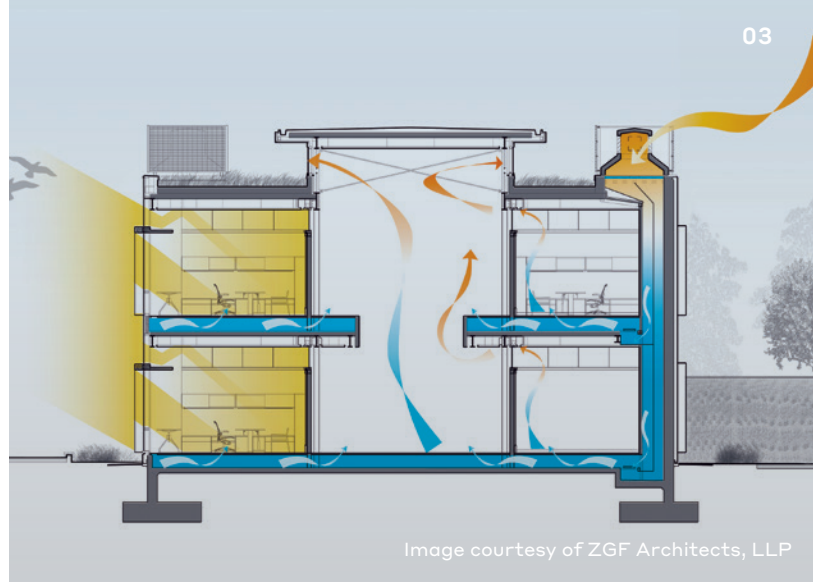


Image courtesy of ZGF Architects, LLP

Building Benchmarking

We work with building designers, owners and managers on existing and new buildings. We manage certification processes for programs including LEED, WELL and BOMA BEST. In addition, we work at individual buildings on custom solutions and deliver portfolio-wide programs focused on standardization and economy.

Building Performance

Our team focuses on delivering optimal performance from buildings, performance measured in terms of reliability, maintainability, energy efficiency and durability. With a team that has backgrounds in design, management, operations, and construction, we ensure owners receive the full value from their investment in building systems.

Why WSP?

WSP understands sustainability and how it can influence business opportunities. We can help embed sustainability into your business, your plans, and your capital projects in ways that address risks and drives growth. Our team of engineers, planners, management consultants and communications experts can develop and implement strategic plans and management systems as well as design and manage capital projects.

You don't want surprises. We have the experience and the qualifications to give you the best, most reliable solutions.

- We have certified more LEED buildings than any other team in Canada.
- We have been commissioning buildings for 20 years.
- Our team knows sustainability from the inside as we lead the WSP sustainability program.

You want best-in-class expertise. As industry leaders, we are consulted on legislative changes, the development of new building standards and rating systems, and the introduction of new technologies and processes.

- We developed the LEED-EB:O&M (Existing Buildings: Operations and Maintenance) and LEED-NC (New Construction) rating systems for the Canada Green Building Council.
- We have worked with BOMA Canada to review the BEST program for relevance, quality, consistency and market applicability.
- We are on the GRESB Infrastructure Global Technical Working Group.
- We are backed by a strong global team with an international portfolio of award-winning projects.
- We are one of a select few accredited Carbon Disclosure Project consultancy partners in the world.

You want consistency across Canada. We have a national team with local leaders in all major cities in Canada. Local leaders understand the unique drivers of each location; our national Service Excellence program is a knowledge sharing platform that distributes information and processes to all team members. In this way, we deliver a consistent, leading-edge, regionally-tailored product in all markets.

Our consultants take a practical and personalized approach to your specific needs – no problem is too big or too small.



WSP™ is one of the world's leading professional services consulting firms. We are dedicated to our local communities and propelled by international brainpower. We are technical experts and strategic advisors including engineers, technicians, scientists, project managers, planners, surveyors and environmental specialists, as well as other design and program management professionals. We design and deliver lasting solutions in the Buildings, Transportation, Infrastructure, Environment, Geomatics, Energy, Resources and Industry sectors as well as project delivery and strategic consulting services. With over 8,000 talented people across Canada and 42,000 globally, we engineer projects that will help societies grow for generations to come.

