



SNC • LAVALIN

Building
what
matters



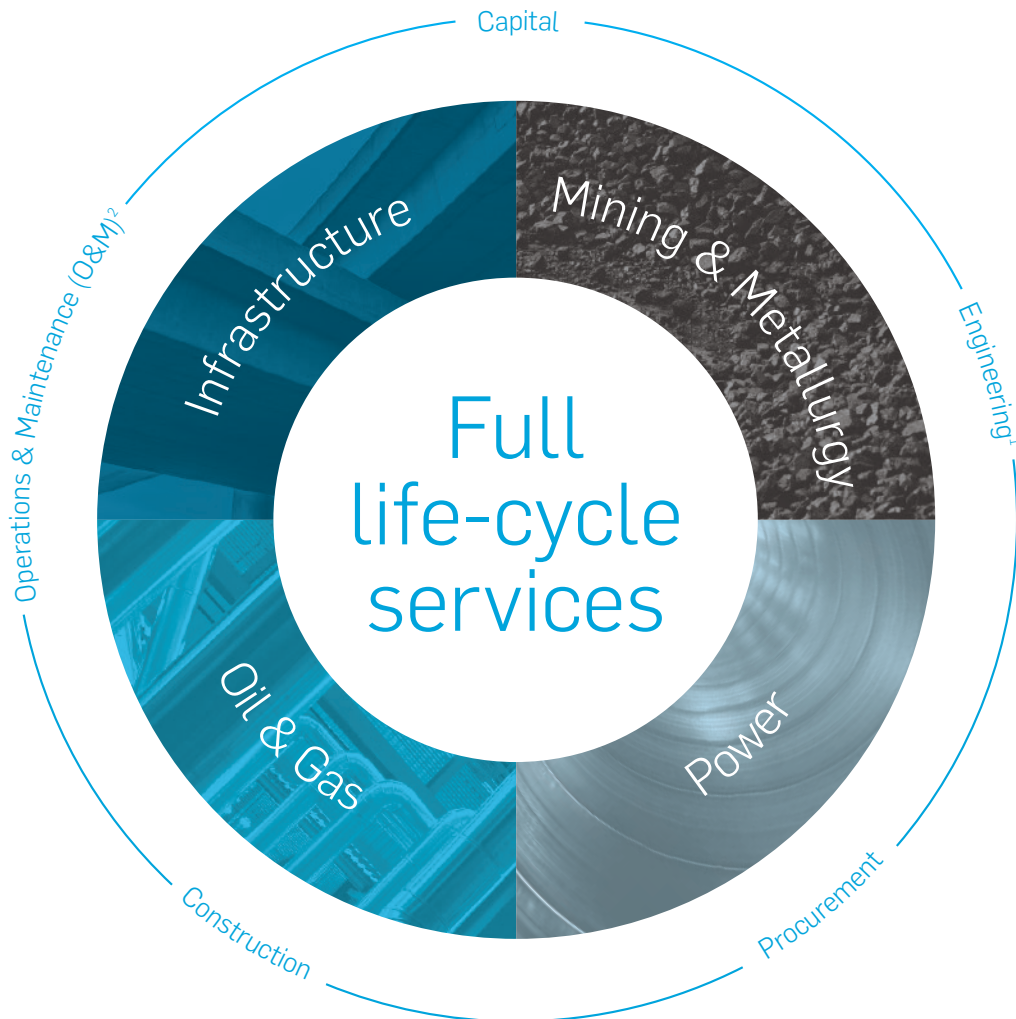


The benefits we bring

From sustainable, light rail transit that cuts down on your daily commute, to state-of-the-art hydro dams that create clean energy, our innovative solutions are helping build a brighter future for generations to come.

For over 100 years, we've been developing and delivering the right projects to our clients and their customers. Our effective execution strategies allow us to expertly manage project risk and ensure our clients' return on investment. Today we're recognized for our sustainable project execution and tangible contributions to improving people's lives around the world.

Engineering and construction solutions delivered across all sectors



End-to-end services

We're one of very few firms with world-class expertise at scale in financing and asset management, engineering, procurement, construction, training, and operations and maintenance. This is a key differentiator in our industry and a powerful vehicle for delivering outstanding value to our stakeholders.

¹ Engineering services include, among others: commissioning, decommissioning, environmental impact studies, project management and training.

² O&M services include, among others: maintenance and rehabilitation.



Creating value with Capital

More than ever, delivering major capital projects in today's world requires solid partners as well as sound structuring and financing. That's where our Capital experts play a crucial role.

They work with our four sectors to create new business and investment opportunities using our vast experience in developing projects, arranging financing, investing equity, undertaking financial modelling and managing infrastructure investments.

Capital teams up with strategic partners in each sector to promote developer-focused opportunities, strengthen our leadership role in public-private partnership (P3) projects and maximize the value of our assets.

Growing development opportunities

By arranging equity, we leverage our expertise in engineering, procurement and construction (EPC), operations and maintenance (O&M) and project structuring to develop infrastructure projects in Mining & Metallurgy, Oil & Gas and Power on a Build-Own-Operate basis.

P3 project leadership

As a leader in large, complex P3 projects in Canada, especially in rail and transit, we help clients capitalize on opportunities in growing international markets.

New financing solutions

We provide new sources of development funding and equity by creating investment funds and strategic alliances with select financial partners. Our cross-sector financing teams target projects that generate revenue from our EPC and O&M activities.

End-to-end capital investment services

Capital's investment capabilities are a key industry differentiator and enable us to offer a broad range of investment services globally.

Investment development – Work across sectors to develop projects and country/region-specific strategies, assessing and creating development and equity investment opportunities

Investment management – Develop portfolio management strategies, build relationships with external funders, assess potential financial partners, and provide sustainable financing and contractual structures

Financial assessment – Provide long-term forecasts and advanced financial modelling services, develop financing solutions for new and existing deals, and simulate calculations for credit facilities and ROI

Asset management – Deploy full life-cycle asset management processes, oversee project progress and asset performance, devise strategies to improve returns, and foster productive stakeholder relationships

In the end, our success stems from delivering infrastructure financing solutions that offer the best value for both our clients and our partners.



Infrastructure expertise



Population growth, industrial development and a rising quality of life are driving the need for new and rehabilitated infrastructure. We address the full life cycle of infrastructure, from making equity investments and arranging financing, to providing engineering, construction, and operations and maintenance services.

Market

Rail & Transit	> Main Line > High Speed	> Freight > Metro	> Light Rail
General Infrastructure	> Buildings & Facilities > Defence & Logistics > Highways & Bridges > Industrial	> Environment & Geoscience > Water & Waste Water > Airports & Aviation	> Ports & Marine > Municipal Infrastructure > Real Estate Services

Key projects and services

Eglinton Crosstown Light Rail Transit – Canada

As a partner in Crosslinx Transit Solutions, we are designing, building, financing and providing the 30-year maintenance and rehabilitation of the Eglinton Crosstown. The 19-km light rail line will include 25 stations and stops linking commuters to bus routes, three subway stations and various GO Transit lines.

New Champlain Bridge Corridor Project – Canada

Through our 50% stake in the Signature on the Saint Lawrence Group (SSL), we are designing, building and financing the New Champlain Bridge Corridor Project and we will deliver a safe, sustainable bridge that is critical to Canada and Quebec's economic growth. SSL will also operate, maintain and rehabilitate the bridge until 2049.

Engineering services for projects of all sizes

- > We provide consulting engineering oversight and project management services for the light rail vehicles being procured to operate the 26-km Purple Line project in Washington, DC, USA.
- > We are delivering rail feasibility design services for the recently announced new Western Sydney Airport in Australia.
- > In partnership with Arup, we are acting as the Design and Technical Adviser for rolling stock and depots for the High Speed Two rail network project, connecting the North and Midlands with London, in the UK.

Surmont Regional Residence – Canada

Working in partnership with First Nations, we support the Surmont Regional Residence in Alberta's remote Fort McMurray-Wood Buffalo region. We operate and maintain more than 3,500 accommodation rooms and 800,000 square feet of dining, recreation and housing facilities. Together with our client we're also developing a leading remote-site environmental program at the residence.



Oil and gas expertise



With over 100 years' experience and 20,000 professionals in oil and gas, we offer client-focused, end-to-end engineering and construction solutions to many of the world's leading energy companies in the upstream, midstream and downstream sectors. In 2014, our acquisition of Kentz and its subsidiary Valerus enhanced our oil and gas project credentials, capabilities and global footprint. Our Kentz Field Operations offering is world renowned for multi-disciplinary construction and technical field services.

Market	Expertise
Upstream Production	Offshore floating production, structures and topsides, onshore processing, heavy oil processing and enhanced oil recovery with a specialization in steam-assisted gravity drainage (SAGD).
Gas Processing & Handling	Gathering systems, sour gas/liquids treating and sulphur removal, sweet and sour gas field development, LPG/NGL recovery and fractionation, cryogenics, deep cut ethane recovery, compressor stations and modular solutions.
Liquefied Natural Gas	Re-gasification and receiving terminals, pipelines, telecommunications, off-sites and utilities, infrastructure and multi-discipline construction SMP and E&I.
Carbon Capture Utilization & Sequestration	Total EPC capabilities, strategies for CCUS and carbon reduction and evaluation of emerging clean technologies.
Refining & Petrochemicals	Grassroots refineries, petrochemical plants, refinery expansions and upgrades, field facilities, sustaining capital, and shutdown and turnaround services.
Utilities & Infrastructure	Non-process infrastructure, pipelines and storage, power, terminals, tank farms and metering, SCADA and telecommunication systems.

Key projects

Gorgon Project – Australia

Our joint venture is constructing three LNG trains. We also designed and built the construction village, and our work on the telecommunications package is ongoing.

ExxonMobil's Baytown Facility – USA

For the past 50 years, we've provided Baytown engineering, procurement, construction management and technical support services across multiple projects, and work hard on our seamless on-site integration and ability to work safely and efficiently in an existing facility.

Infrastructure and Processing Facilities for a Gas Field – Confidential

Combining resources from our production and processing team with our strong engineering experts, we will deliver a lump sum turnkey engineering, procurement and construction (EPC) mandate including connecting gas producing wells into the main processing plant.



Mining and metallurgy expertise



We provide the full spectrum of mining solutions, from pit-to-port, including studies, sustaining capital work and major projects for commodities in the industry. Our integrated sectors also provide solutions to infrastructure, energy and concessions needs for our mining clients.

Market	Expertise
Base Metals	Extraction techniques and unit processes including mining, processing and refining to final product.
Precious Metals	Mining and milling, gold processing operations, and platinum group metals recovery and refining.
Aluminum	Latest reduction technologies, energy optimization opportunities and downstream transformation of aluminum products.
Iron Ore	Lump ore and pelletizing plants, including material handling systems and related infrastructure.
Industrial Minerals	Mining and processing for commodities, including diamonds, uranium and rare earths.
Fertilizers	Potash and phosphate mining and beneficiation, phosphoric acid and downstream fertilizer production.
Sulphuric Acid	Sulphur life-cycle solutions and emissions management across multiple sectors.

Key projects

Minera Antucoya – Chile

We built a copper oxide ore treatment plant in an isolated harsh terrain in the desert region of Antofagasta, Chile, at an altitude of 1,700 meters above sea level.

Ambatovy Nickel – Madagascar

Successful execution of the most ambitious and complex industrial project in Madagascar's history included overcoming significant size, location, infrastructure, labour, environmental and climatic challenges.

EMAL Aluminum Smelter – United Arab Emirates

We completed construction of both phases of the world's largest aluminum smelter on budget and ahead of schedule.

Vargem Grande – Brazil

This project was among the first in Brazil's mining industry to include engineering entirely developed using our SmartPlant 3D software.




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Power expertise



As economies grow, global demand for sustainable power continues to rise at an accelerated pace. With our roots in power projects, we're proud to bring a century of experience and leading-edge technologies to customers worldwide. Our contribution across the power sector is equal to powering New York City 35 times over. We've also set up enough transmission and distribution lines to circle the globe almost three times.

Market	Expertise
Hydro	Dam safety and due diligence, generation planning, small to large hydro development, modernization and rehabilitation, and advanced modelling technology.
Nuclear	Leading nuclear technology products and full-service solutions; customized operations, maintenance and plant life management services, including life extension, waste management, decommissioning for light water and heavy water reactors; and OEM for fuel-flexible Candu® reactors.
Thermal	Natural gas-fired plants, alternative fuel projects, coal-fired projects, diesel power plants and cogeneration facilities.
Transmission & Distribution	Infrastructure design and integration for direct and alternating current transmission systems up to the highest voltages, including distributed generation and telecommunications.
Renewables	Full life-cycle services from feasibility studies and financing to engineering, procurement & construction and operations & maintenance. Global leadership for practical best-in-class turnkey utility-scale renewable power solutions.

Key projects

AltaLink – Canada

Over the course of our 12-year ownership of AltaLink, Alberta's largest transmission facility owner, we optimized and grew the company to a size of some 12,000 km of transmission lines and 280 substations.

Darlington Retube and Feeder Replacement – Canada

Once fully refurbished, the nuclear station will continue to produce approximately 20% of Ontario's energy for an additional 30 years.

John Hart Generating Station Replacement Project – Canada

This innovative underground 132-MW powerhouse will provide more reliable and environmentally friendly power to approximately 17% of Vancouver Island.

Southcentral Power Plant – United States

Using cutting-edge technology, we reduced carbon dioxide emissions by 25% and carbon monoxide and nitrous emissions by 95%.



Building a sustainable future

We believe that sustainability is built on three pillars – the economy, society and the environment. And so, we make sure to consider these in everything we do.

Our clients turn to us to design and deliver projects that reduce their environmental footprint, and that optimize local economic and social project benefits. We do this by sourcing, hiring and training local workforces.

Our world-class ethics and compliance system and industry-leading health and safety track records show our commitment to our employees and our stakeholders. We consistently seek ways to build what matters, sustainably, in communities around the world.

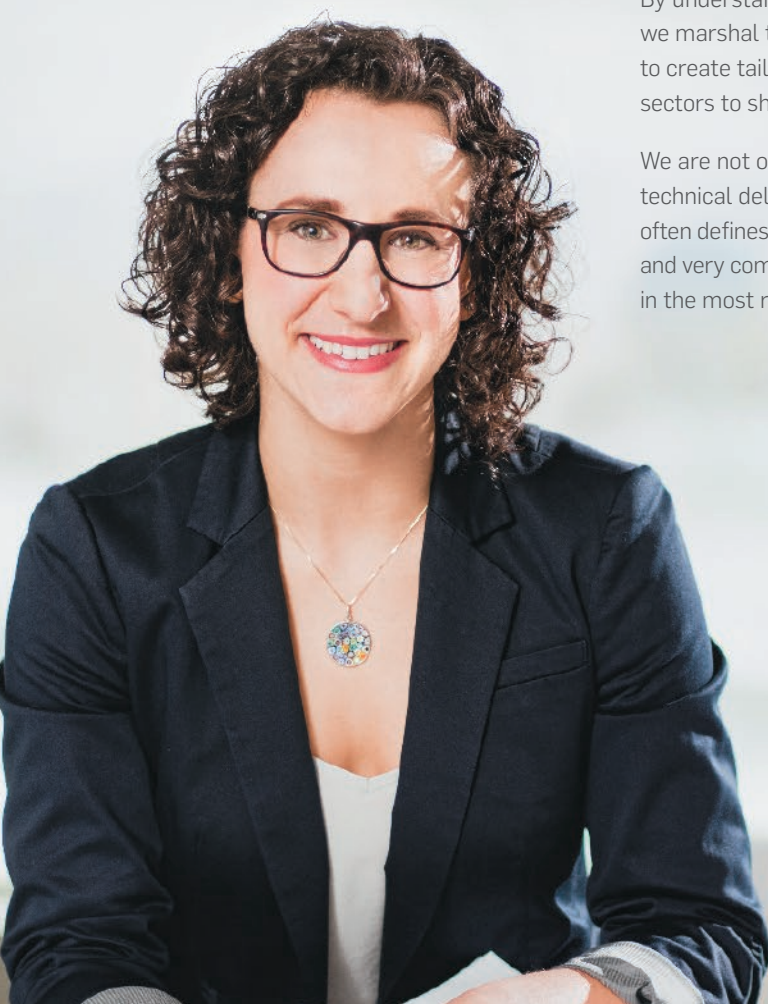


Success begins and ends with our clients

Our clients range from large to small, public to private, global to local and their needs are just as diverse. Some require important new developments, while others look to unlock value from existing ones.

Our key account management approach puts our clients' issues first. By understanding our clients' businesses and project objectives, we marshal the appropriate resources from across our organization to create tailored solutions. We leverage our vast capabilities across sectors to shape each client's project for long-term success.

We are not only focussed on scope and scale, but recognize that technical delivery and collaborating closely with our clients is what often defines the client experience. Our track record of delivering large and very complex projects, on time and on budget, from start to finish, in the most remote locations is a testament to our dedication.





Today,
our dedicated
workforce

REPRESENTS SOME



80

NATIONALITIES

SPEAKS



60

LANGUAGES

AND WORKS FROM
OFFICES IN OVER



50

COUNTRIES



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