

ACCELERATING SHOVEL-READY INFRASTRUCTURE

WHY ASRI?

ASRI is our framework for assisting asset owners, government agencies, and government sponsors of infrastructure investment to identify and responsibly accelerate projects that will most significantly drive economic stimulus forward.

Rapid 30-day Start Plan



How does it work?

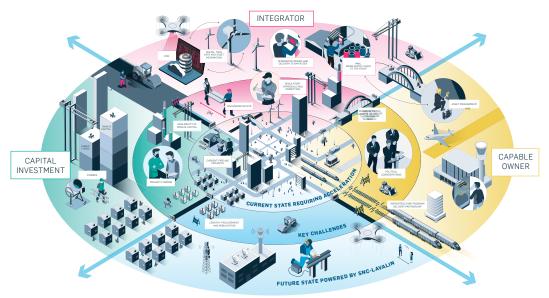
ASRI moves infrastructure investment timelines forward—and mitigates risk—through three propositions:

- Capable Owner: infrastructure delivery partnership providing assurance and value management
- Integrator: delivering collaborative, complex infrastructure projects with modern digital technologies
- Capital Investment: innovative funding and financing solutions for infrastructure projects

Collaborative, responsible project acceleration

ASRI offers an expedited process for shovel-ready projects that is scalable and flexible, more collaborative, engages multiple stakeholders, and manages project life cycle elements in parallel.

This allows projects to be more agile, engages the supply chain earlier, and prevents time and value leakage in the end-to-end construction process, while adhering to low carbon drivers and delivering social economic gain.



ASRI Solution

Capable Owner

SNC-Lavalin is experienced in supporting and executing critical infrastructure for clients in a joint Infrastructure Program Delivery Partnership. It enables rapid mobilization and accelerated delivery of critical infrastructure assets through integrated governance, technical delivery, and robust controls. It acts as the single coordinating body responsible for integrated and efficient planning of works.

Integrator

SNC-Lavalin has a long and proud history delivering critical infrastructure globally. Using the Integrator model enables the end-to-end service delivery for complex infrastructure projects, by combining the capabilities of design, assembly, and delivery to accelerate mobilization and achieve high performance. This includes incentives around shared risks and alignment of measures and objectives attributed to collaborative commercial models.

Data management is at the core of the Integrator. It defines the information required for asset performance, design, and technical data. This creates a vital interface with the digital twin, modern methods of construction, and the broader information requirements of performance.

Capital Investment

SNC-Lavalin provides new sources of funding by creating investment funds and strategic alliances with select financial partners. Together, we arrange and invest equity, and arrange debt to maintain full project financing.

Private financing can be deployed in the Integrator and in the Capable Owner components of ASRI, reducing the amount of public capital required to implement an infrastructure stimulus package.

SNC-Lavalin works alongside government stakeholders to create innovative funding and financing solutions to accelerate project delivery and create value for money.

Case Studies



Central Planning Office, Qatar National Vision 2030

The Central Planning Office's mandate is to deliver a world-class transportation system. It has defined the metro scope and routes, resolved key interfaces between road and rail projects, provided an independent assessment of investment decision-making, and recommended enhanced governance and institutional reform necessary to achieve Qatar's vision.



EDAROTH Modern Methods of Construction Platform, United Kingdom

EDAROTH is our property development arm, which uses off-site manufacture and construction to pre-construct quicker. Launched in the UK, we integrated the end-to-end supply chain to enable off-site manufacture and delivery of homes. We developed and delivered innovation at scale and integrated the supply chain.



Thames Tideway Tunnel, United Kingdom

Infrastructure investment traditionally relies on governments to finance the design and construction of infrastructure projects. Thames Water developed the Thames Tideway Tunnel Hybrid solution, based on the Regulated Asset Based Model.

This model offers one of the lowest costs of financing. Also, incentive regulation can provide adjustable high-powered encouragement for operational efficiency during the life of the infrastructure and allows the use of private sector capital to fund public infrastructure.

SNC-Lavalin is confident that ASRI will deliver positive outcomes quickly:

20% MORE EFFICIENT

50% FASTER TO MARKET

50% MODULARIZATION OFFSITE BY 2025

30% LESS CARBON

ZERO HARM



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