



# EcoSys™ for the Transportation Infrastructure Industry

For organizations in the Transportation Infrastructure industry, the stakes are higher than ever. The old way of doing things will soon be rendered obsolete, and greater scrutiny will come with infrastructure projects going forward. Complexity is everywhere – whether it be an ambitious scope of work, challenging management structures of joint ventures or public-private partnerships, a multitude of funding and financing sources, an aging workforce or changing regulations.

With these challenges also come many opportunities. The industry is expected to experience 5% growth worldwide through 2025, with a total of USD \$30 trillion in spending needed on infrastructure by 2030. While this is definitely welcome news, it is important to ensure that investments are made carefully and wisely. Capital projects need to deliver intended value for users, taxpayers, and investors.

What's the best way to deal with complexity and capitalize on new opportunities? Is it a tangled web of in-house developed tools, commercial software and Excel spreadsheets?

No. That approach has been used for decades and has resulted in poor productivity, recurring cost and schedule overruns and low confidence. As industry leaders spanning public agencies and engineering and construction contractors have already found, the right approach is a

simplified portfolio and project management ecosystem that helps you align strategic vision, capital priorities and project execution.

EcoSys Enterprise Project Performance software, used extensively by both agencies and contractors, will arm you with a centralized, standardized approach to prioritizing, selecting and executing every project. This single version of the truth improves visibility into performance and ensure all stakeholders collaborate effectively.

## Integrate Strategy and Project Delivery

### Portfolio Management

Project prioritization and selection is a source of considerable waste in the transportation infrastructure industry. EcoSys fixes this problem by enabling you to:

- **Align** programs and projects with business strategy with integrated project portfolio management
- **Standardize** best practices, processes and tools
- **More value-added** activity and less time compiling and collating data
- **Increase efficiency** by automating repeatable tasks and processes

## Project Controls and Project Management

The complex nature of transportation infrastructure projects often means that investments do not deliver their intended value. EcoSys prevents project cost overruns and delays through:

- **Measuring, forecasting and improving** project performance
- **Integrating** all project cost, change, risk, productivity and performance data into a single version of the truth
- **Delivering real-time analytics** at any data level
- **Ensuring consistency** in project delivery by promoting and enforcing standards

## Measurable Improvement to Key Business Processes

EcoSys gives you the tools to measure and improve key business processes, including:

### Portfolio Planning and Management

Enable fact-based project selection and prioritization with standard data to optimize decision making.

### Capital Budgeting and Planning

Manage the long- and short-term capital investment budgets and plans. Control and manage annual spending throughout the year and avoid unplanned spending.

### Fund Management

Manage an unlimited number of funding sources, manage funding rules, gain insights from funding analysis, and easily report on allocation and spending.

### Resource Management

Get the most out of limited resources. Full visibility into your portfolios of projects allows you to align resource decisions to strategic priorities.

## Key Benefits



### Improved Decision Making

Integrate all project data to break down siloes and provide accurate and timely insights to decision makers. Know you are making decisions based on the best possible information.



### Be Proactive

Advanced forecasting capabilities and predictability metrics allow you to drive early identification of potential issues – early enough to proactively course correct.



### Better Governance

Maintain all projects' performance records for historical analysis. Then flexibly standardize based on industry and internal best practices. Built-in standards are easily enforceable and more likely to be followed.



### Stakeholder Confidence

Projects are a cooperative process. Visibility into project performance provides transparency to stakeholder, promoting a relationship of trust and communication.



### Efficient Reporting

Working with consistent and accurate data across projects and portfolios facilitates fast and easy reporting.

## What is Enterprise Project Performance?

EcoSys Enterprise Project Performance software is a singular management platform for the full project lifecycle – spanning Project Portfolio Management, Project Controls and Project Management – combining native data with that from any number of external sources. The result is organization-wide transparency which changes negative behaviors, improves decision making and drives timely corrective action.

## About Hexagon

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Hexagon's PPM division empowers its clients to transform unstructured information into a smart digital asset to visualize, build and manage structures and facilities of all complexities, ensuring safe and efficient operation throughout the entire lifecycle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.9bn EUR. Learn more at [hexagon.com](https://hexagon.com) and follow us @HexagonAB.