



# EcoSys™ for Power Utilities

The Power Utilities Industry has been engaged in a period of change for several years. There are obvious opportunities available, as energy demand is expected to grow by up to 70% over the next twenty years. However, the power industry has a less than impressive track record of project delivery. On average, projects are delivered two years behind schedule and \$2bn (35%) over budget.

The future Power Utilities marketplace will be increasingly competitive and complex, with smaller margins for error. Project and cost overruns of this magnitude will be completely unsustainable. Maintaining profitability and market share will be heavily impacted by project performance.

The current mix of commercial software, spreadsheets and in-house developed systems are contributing to inefficiency and poor performance. The solution is an Enterprise Project Performance (EPP) approach with EcoSys. EcoSys creates a simplified portfolio and project management ecosystem that aligns strategic vision, capital priorities and project execution.

## EcoSys Creates the Single Source of Truth

### Project Portfolio Management

With limited resources and a high volume of projects, selecting the right mix of projects to meet regulatory and client needs is more critical than ever:

- **Create, organize and manage** portfolios in alignment with company strategy

- **Define** evaluation criteria, then score and select projects to add to portfolios
- **Optimize** portfolios by ensuring resources are delivering maximum value and impacting goals and objectives

### Capital Budgeting and Planning

With the growing energy demand and need to decarbonize, the power industry must be more agile than ever before. Ensure that CAPEX projects are planned and funded with accuracy and confidence. Create unlimited budget versions and develop multi-year capital plans.

- **Improve efficiency** with an integrated budget lifecycle from estimates to baseline budgets to rolling forecasts on every project
- **Develop** detailed cashflows with integrated cost and schedule
- **Manage** and control changes and contingency utilization
- **Accurately predict** outcomes with standard project forecasting methods based on industry best practices

### Project and Contract Planning & Controls

The financial impact of cost and schedule overruns can be enormous for the Power industry. Plan effectively and take corrective action early and ensure that the most complex CAPEX projects are executed on time and within budget.

Gain full visibility into performance thanks to one platform across the company.

- **Create** projects using standards, templates and flexible coding structures
- **Develop** detailed milestones and business rules to monitor and track progress
- **Integrate** schedule and cost information to create time-phased baselines and cash flow forecasts
- **Monitor** performance of both projects and contracts and the interaction between the two
- **Eliminate** manual processes and errors help organizations make better decisions faster, and lead to consistently high performing projects

## 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



### Be Confident

Manage your whole project landscape with one single platform for managing your projects and portfolios



### Be Proactive

Built-in predictability metrics and advanced forecasting help you make forward-looking decisions with confidence



### Real-Time Access

Bring together critical information for unparalleled visibility into performance so you can optimize portfolios and resources



### Intelligent Integration

Utilize robust integration capabilities to break down silos of information



### Project Collaboration

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

## 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 3.8bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us @HexagonAB.