CGI’s Asset Investment Planning (AIP) solution enables faster, data-driven asset investment decision-making. Part of our Asset and Resource Management (ARM) solution suite, AIP helps utilities mitigate risks, drive performance, improve customer service, and generate sustainable investor returns through more effective asset investment.

**FEATURES**
AIP provides sophisticated decision optimization features, including the following:

- Access to a large library of asset decision-making models
- Ability to integrate and consume data from other enterprise sources
- Ability to generate unlimited investment scenarios

It is also designed to enable fast, easy setup and rapid deployment.

**BENEFITS**
With AIP, utilities benefit from the following:

- **Make the right investment for the right assets at the right time:** AIP enables utilities to evaluate all assets across different timeframes (1 to 25+ years). Its powerful optimization engine analyzes the impact of millions of combinations of decisions to identify the most effective course of action. AIP is also useful for maintaining equilibrium between financial and non-financial drivers and supports transparency and auditability in terms of how investment decisions are made.

- **Effectively evaluate business risks:** With AIP, utilities can better understand risks in relation to asset performance, service impact and costs to engage in smarter decision-making for sustainable business performance.

- **Future proof your investment cases:** AIP enables utilities to keep pace with evolving regulatory requirements and market conditions and factor these changes into their investment planning.

- **Align with best practices for asset management (e.g., ISO 55000):** AIP’s asset management framework is based on industry best practices, enabling you to better assess the impact of your decisions now and in the future.

**DELIVERING EFFECTIVE INFRASTRUCTURE OUTCOMES**
The cost of replacing legacy infrastructures is enormous, often precluding a wholesale replacement strategy. The need to maintain, rather than replace, legacy assets requires proactive maintenance strategies and effectively balancing the “repair versus replace” decision.

To make effective investment decisions it helps to understand the risks. By using a risk management approach, utilities can ensure planned objectives are achieved with an acceptable degree of risk.

Taking a more holistic view of processes is also key, helping to ensuring the asset management line of sight is not broken.

AIP delivers the capabilities utilities need to address these challenges and improve their asset investment decision-making to drive performance and cost savings.
CGI’s AIP solution is in demand by utilities seeking to build strong asset investment cases that consider multiple outcomes based on key success factors such as cost and quality.

**ARM SUITE**
CGI’s ARM suite is a business toolbox that can be applied as an entire suite or as individual components. It offers organizational control over asset, work, resource and field processes and provides for the collection of critical operational data. ARM delivers superior integration, automated task progression, and a single point of truth for managing work and resources.

The ARM suite can be integrated with geographic information, supply chain, service inspection, timesheet, human resource and other strategic systems to maximize business processes.

The diagram below shows a simplified workflow that gives an overview of the major process steps as AIP consumes asset and work history data from ARM (or another EAM system) and provides optimized investment plans back ready for design and scheduling.

**A PROVEN SOLUTION**
AIP is used by utilities across Europe and within the transport and public services sectors. It has also been used as part of several UK regulatory price reviews (equivalent to U.S. rate cases).

Whole-life cost savings of between 7-17 percent have consistently been achieved. In addition, companies using it are recognized as industry leaders among their peers and competitors.