

# Informed Investment Decisions

**Asset Investment Planning  
Advisory Services**



# Helping the world deliver more with less



**180+**  
Asset Management  
specialists



Operating in  
**7 locations**



A presence across  
**4 continents**

## Serving key infrastructure sectors



Transport



Energy &  
Utilities



Water



Natural  
Resources



Real  
Estate



Nuclear



Defence



Telecoms

# Benefits Delivered Through Transformation



Optimize money  
spent on assets



Manage risk &  
ensure compliance



Reduce cost and overrun  
on major projects



Reduce carbon &  
increase resilience

## Our Solutions



Creating  
the aligned  
organization



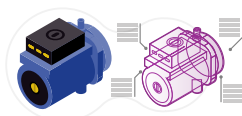
We help  
establish  
frameworks,  
rules, principles,  
and process  
re-engineering  
to deliver real  
and practical  
business change



Empowering  
your  
people



We teach,  
guide and  
coach the  
leaders  
and asset  
management  
practitioners  
of the future



Making  
digital work  
for you



We help make  
sense of your  
data and  
technology  
environment  
and get you on  
the right path  
towards being  
a data driven  
business



Informed  
investment  
decisions



We align  
the strategic  
investment  
planning function  
with the shorter-  
term capital and  
maintenance  
budget allocation  
& delivery  
planning



Outcome  
driven capital  
programs



We align the  
Capital Delivery  
operating  
model with  
O&M operating  
model, linking  
key processes,  
systems,  
functions and  
data, to create  
a sustainable  
business model

# Informed Investment Decisions

Irrespective of the industry sector or global geographic region, Asset Investment Planning teams from many organizations often face a number of common challenges:



No one is taking responsibility or ownership of data and information required for decision-making.



We don't have the understanding or competency within our teams to conduct advanced modeling.



There is no transparent process for decision-making so everyone can understand how budgets are allocated.



There is an absence of data and information required to carry out any form of advanced analytics.



It takes us months to prepare our Asset Management Plans and project business cases.



There are too many competing requirements to understand



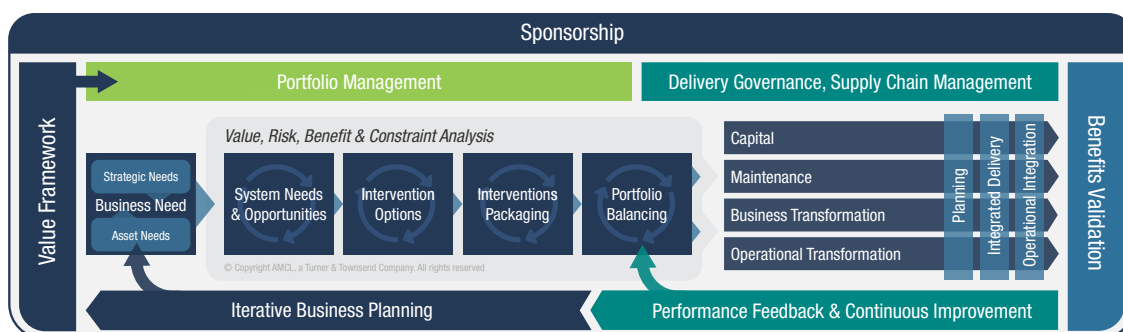
We don't believe we are using our current decision-making tools and systems to their full potential.



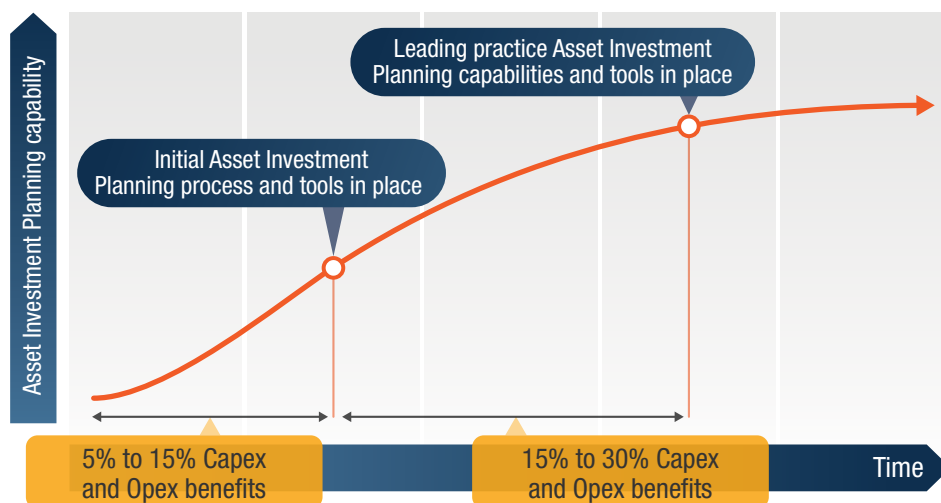
How can we balance all the things we are being asked to do?

# Asset Investment Planning Overview

Organizations are facing unprecedented demands from customers and other stakeholders to deliver better outcomes, often for less money than was previously available. Our approach to helping you make more informed investment decisions aligns longer-term investment needs with shorter-term capital and maintenance budget constraints, to deliver the best value to stakeholders. At the heart of this approach is the end-to-end Asset Investment Planning (AIP) process.



The end-to-end AIP process can be complex, involving multiple interconnected business capabilities. The long-term financial sustainability of an asset intensive business is reliant on the ability of different disciplines to collaborate and establish a capital and maintenance program that achieves performance objectives, but also delivers value for money to customers.

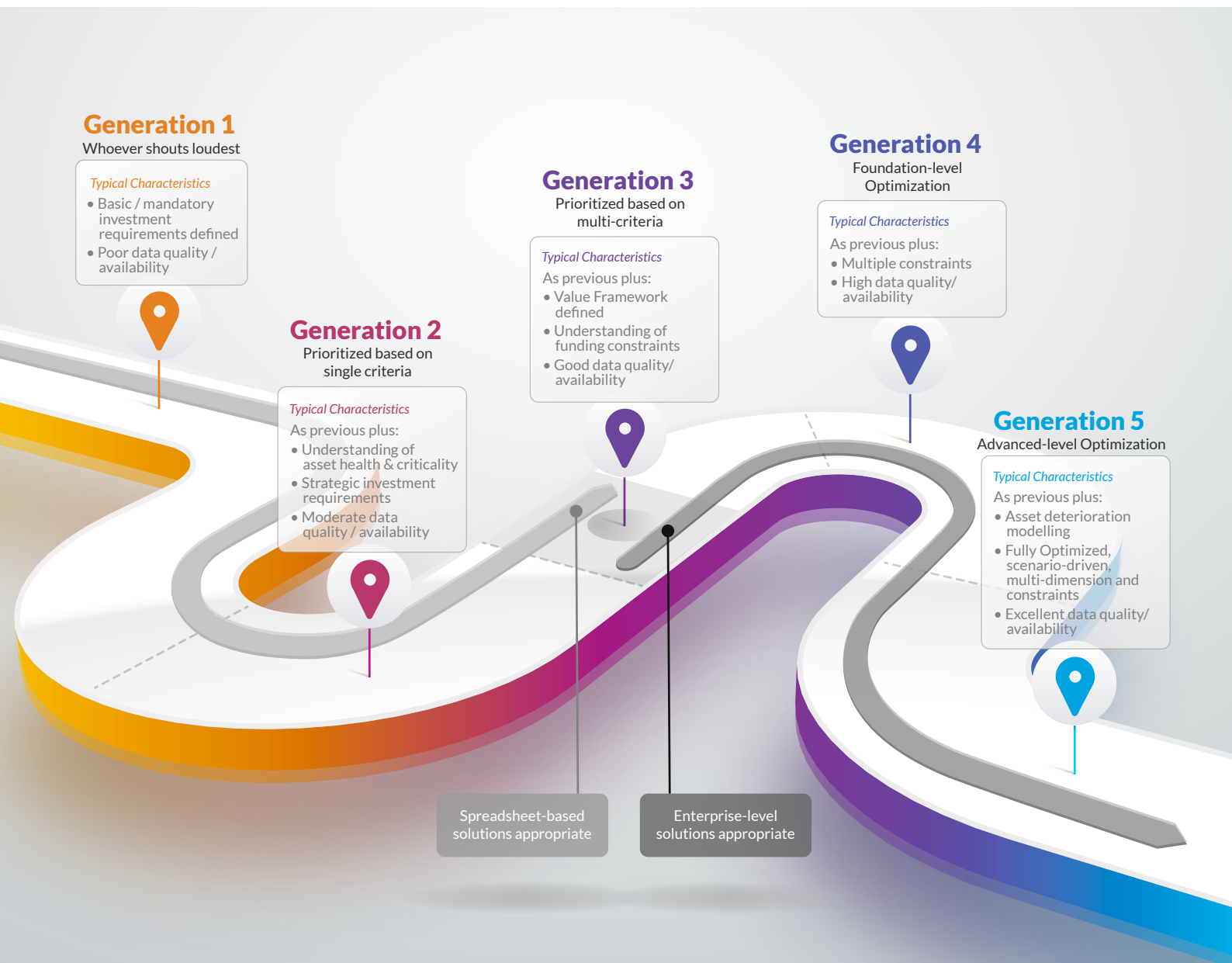


Given the considerable size of most asset investment portfolios and plans (in the Millions and often Billions) even the smallest capability improvement which results in better investment decision making can have a truly significant financial impact. Developing from less mature approaches through to more mature approaches, risks are better controlled and both Capex and Opex savings in the order of up to 30% are possible. Typically these benefits are more modest in the early part of the journey but accelerate once the initial Asset Investment Planning process and tools are in place and these can be leveraged to make increasingly optimized decisions.

Where financial affordability is less of a constraining factor, a better approach to Asset Investment Planning can ensure that more value / benefit is delivered for the level of funding available – achieving the biggest possible ‘bang for the buck’.

# A Generational Approach to AIP Technology

Organizations vary significantly in their approach to Asset Investment Planning and it is important to recognize that there are different generations of approach as an organizations matures and these different generations will require different technology to support. At the lower levels, basic technology such as spreadsheets are appropriate but at the higher levels it becomes increasingly necessary to introduce more formal enterprise AIP solutions.



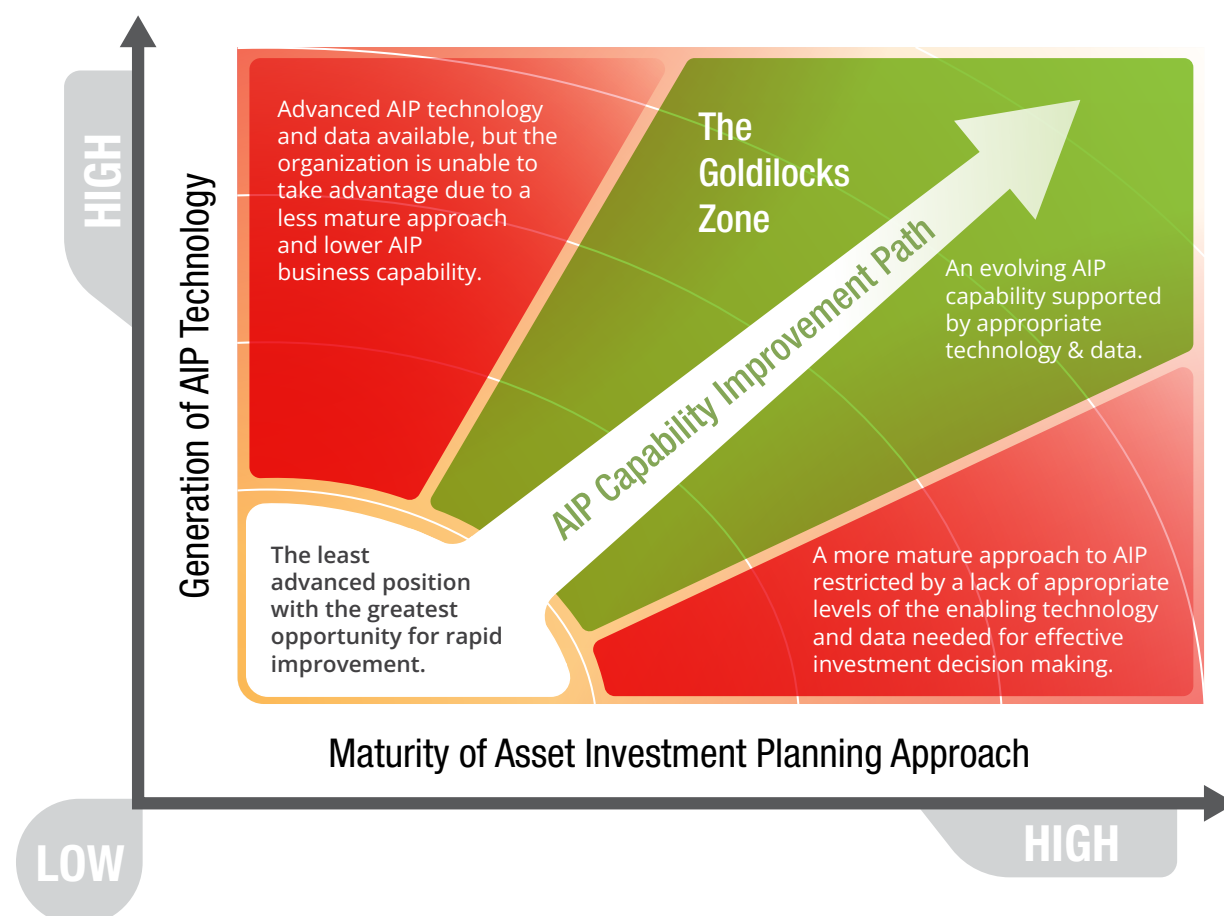


# Taking a Balanced Approach to Building AIP Capability

It is also important to recognize that leading practice Asset Investment Planning is much broader than just picking the right technology. There are many other underlying capabilities that need to be developed in parallel in order to yield the maximum value from this technology.

As the illustration below shows having mature a investment planning approach (characterized by a comprehensive Value Framework, business processes, roles & responsibilities, business rules and governance) without the data and technology to support will restrict the investment decision making capabilities of the organization.

Equally, implementing an advanced investment planning technology solution without the comparable level of advanced wider business capabilities will be unlikely to deliver the short-term step-change improvement that many organizations expect.



# Helping You Achieve Excellence in Asset Investment Planning

AMCL has developed a range of highly focused advisory services to help define, shape and accelerate the Asset Investment Planning improvement journey of many organizations across the world. A sample of these advisory services is illustrated below. AMCL brings a unique Integrated Business Blueprint to ensure our clients have considered and realized the necessary elements to ensure effective Asset Investment Planning.

## Culture & Behaviors

- Training & Competency development
- Communications Planning & Delivery
- Behavioral Change Programs

## Business Rules

- Business Rule Definition
- Audit & Assurance

## Capability Model

- AIP Maturity Assessment & Improvement Roadmapping
- AIP Business Architecture & Target Operating Model Design

## Value Framework

- Value Framework Definition
- Investment Prioritization & Decision Support
- Regulatory Submission support



## Organization Design

- Organization restructuring & team alignment
- Role design
- Resource augmentation / support

## Data & Information

- Investment data & information assurance
- Investment data & information standards definition
- Investment data cleanse & preparation activities

## Systems & Technology

- Digital Vision / Strategy & Roadmapping
- AIP Solution Requirements & Procurement Support
- AIP Systems Readiness & Implementation support

## Business Processes

- Performance health-checks & assurance
- Redesign & improvement
- Investment Planning process as a Service



# Asset Investment Planning Team

## Global AIP Specialists

AMCL's Asset Investment Planning Advisory team is drawn from a variety of industry sectors and technical specialisms. From Strategy specialists and Operating Model Business Architects through to Technology and Data specialists, our team have been selected based on their experience, knowledge and practical application of the leading Asset Investment Planning methods.

### Key Contacts:



#### **Richard Edwards**

**Global Technical Director**

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Richard is Global Technical Director of AMCL and the technical authority for the development of AMCL products and services. Richard is Past President of the Institute of Asset Management and a member of Council for the Global Forum on Maintenance and Asset Management. He advises a range of infrastructure owners and regulators on Asset investment Planning and Asset Management good practice more generally.



#### **Jim Cooper**

**Global Asset Information Director**

[jim.cooper@amcl.com](mailto:jim.cooper@amcl.com)

Jim is AMCL's Global Digital & Asset Information Director with 25 years' experience in engineering design, maintenance, physical Asset Management, digital transformation and business leadership. He is a subject matter expert in the field of Asset Information. Jim has specialized in the research, development and implementation of technologies which support critical infrastructure and has a strong focus on Asset Investment Planning technologies.



#### **Kris Westall**

**Asset Investment Planning Service Line Lead**

[kris.westall@amcl.com](mailto:kris.westall@amcl.com)

Kris is AMCL's Asset Investment Planning Service Line Lead and has been developing Asset Investment Planning technology solutions since 1997. His technical specialisms include business operating model design and asset information systems. During his 25 year career he has amassed expertise in designing process, organization and technology improvements to increase productivity, reduce costs, facilitate strategy delivery and improve decision making in the asset-intensive industries.

To discuss how we can help your organisation on its improvement journey you can contact us at:

[\*\*investment.planning@amcl.com\*\*](mailto:investment.planning@amcl.com)