

The logo for AMCL+ features the letters 'AMCL' in a bold, black, sans-serif font, followed by a large, bright yellow plus sign. The background of the top left section of the image shows a person in a blue shirt gesturing with their hands in a meeting.

**AMCL+**

LEADING ASSET MANAGEMENT

A large, semi-transparent yellow trapezoidal shape is overlaid on the image, containing the text 'AIBA' in a large, white, bold, sans-serif font. The background behind this shape shows a modern train station with a red train and a blue sky.

**AIBA**

*ASSET INTENSIVE  
BUSINESS ARCHITECTURE*

A collage of images related to energy infrastructure, including a green high-voltage power line tower, a white wind turbine, and a solar panel array. The text 'A PRACTICAL TOOL FOR EMBEDDING STRATEGY' is overlaid on a white trapezoidal shape at the bottom left of this collage.

*A PRACTICAL TOOL FOR  
EMBEDDING STRATEGY*

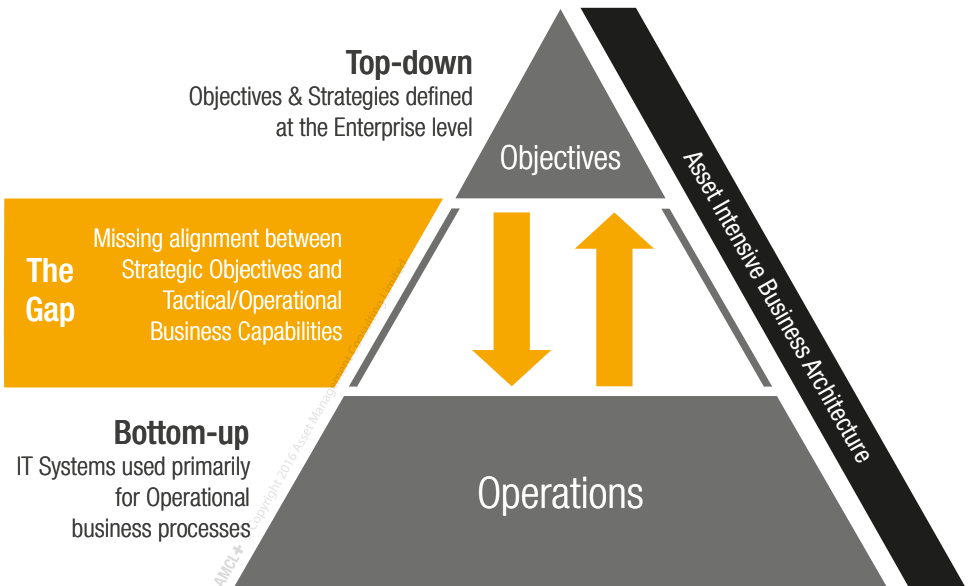
# THE BUSINESS OPPORTUNITY

*AMCL's Asset Intensive Business Architecture (AIBA) tool enables the practical application of Asset Management*

Progressive organisations are seeking 'practical' ways to implement and accelerate Asset Management good practice. They wish to streamline business processes and compliance, manage performance and reduce the risk of IT projects not achieving return on investment.

To improve business performance enterprises need to make changes to people, process and technology. Therefore, it is essential they have a clear definition of how their business works, with well defined objectives, capabilities and clear measures to assess performance. A business capability is a unique activity that a business needs to perform, ranging from strategic capabilities like demand analysis through to high volume operational capabilities such as issuing inventory or executing work in the field.

By adopting Business Architecture concepts, organisations can close the gap between their high-level objectives and lower level operating processes, helping to embed 'line of sight'.



A Business Architecture can be described as “a blueprint of the enterprise providing a common understanding of the organisation used to align strategic objectives and tactical demands.”<sup>1</sup> By developing a Business Architecture an organisation will provide an agreed, consistent and clear model of how they wish to run the business.

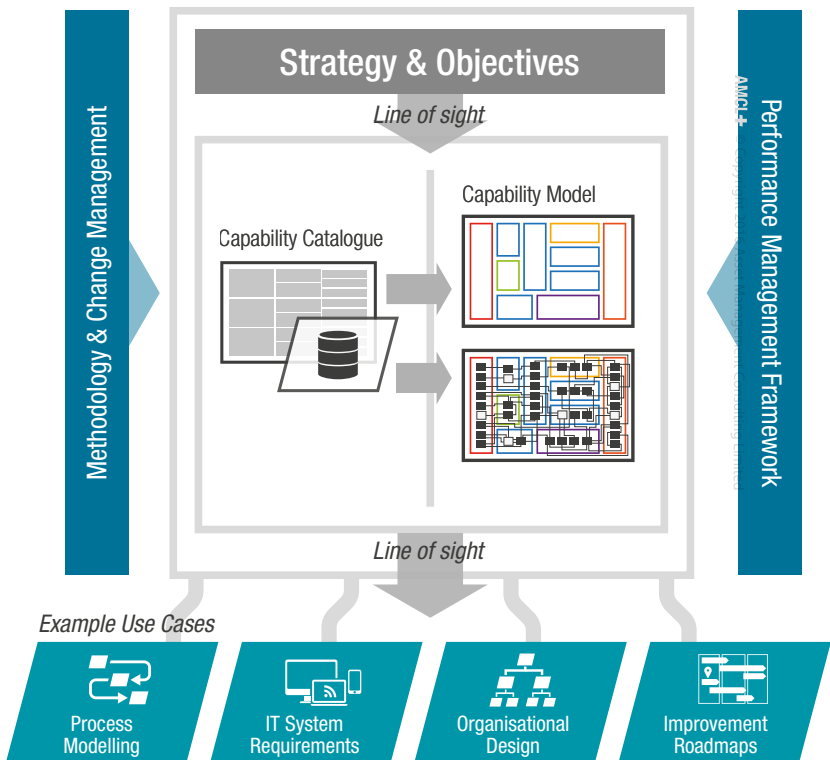
<sup>1</sup> Source: Business Architecture Special Interest Group (BASIG)

# THE TOOL & THE BENEFITS

*The AIBA has allowed us to understand how our business works and identify improvements*

AMCL has developed the Asset Intensive Business Architecture (AIBA) model to enable the rapid design and implementation of management systems that embed Asset Management principles throughout the organisation. The AIBA toolset includes a graphical capability model, at multiple levels of granularity, and a comprehensive catalogue defining necessary business capabilities and their good practice integration.

Organisations can tailor their AIBA model to the needs of their region or industry, via interactive design workshops. This allows the design of a 'To-Be' business model as well as an assessment of their current level of maturity ('As-Is').



AIBA drives alignment of strategic, tactical & operational business capabilities. The benefits to an organisation when deploying AIBA are:

- embedding effective 'line of sight' through business capabilities, linking the strategic, tactical and operational domains
- supporting the development of effective organisational design
- driving optimised ways of working and the removal of departmental silos
- providing the model and tools needed to quickly define a future state set of capabilities
- supporting detailed process mapping across the framework, whilst ensuring integration between departments
- enabling the development of business aligned IT system requirements
- gap analysis against recognised good practice and the development of effective improvement roadmaps.

# WHAT OUR CLIENTS ARE SAYING...



Our Business Architecture project helped to establish the blueprint for an integrated management system across all our agencies. It provides the basis for a common culture and understanding of what we do and how we interact.



**Director and Program Executive, Asset Management**  
*Metropolitan Transportation Authority, USA*



AMCL's AIBA model was absolutely central to the SSE Generation's transformation programme, providing a framework across 16 areas of the business, allowing the findings to be logged in a consistent and concise way.

The AIBA has allowed us to understand how our business works and identify improvements; in the future it should provide a stable and accessible operating model through which staff will interact with one another.



**Programme Manager for Business Transformation**  
*Scottish and Southern Energy, UK*



At Rail for London Infrastructure (RfLI) we have used the AIBA model to help shape our business model for managing the Crossrail infrastructure. It has allowed us to step back and determine the core capabilities we will need, identify the interfaces between capabilities and clarify the owners of the capabilities for ongoing development of the more detailed business processes.

The AIBA diagrams are now embedded in the organisation providing a clear communication and business development tool including supporting the specification and implementation of the IT systems that the business will need to manage the railway.



**Head of Infrastructure**  
*Rail for London Infrastructure, UK*



Working with AMCL and the AIBA model we were able to clarify the existing Asset Management capabilities and accountabilities in our business and those held by our suppliers. Using this baseline "as is" model we have started to develop a target operating model that will improve ways of working in our business and across the interfaces with our suppliers



**Head of Asset Management**  
*High Speed Rail Infrastructure Manager, Europe*

## KEY CONTACTS

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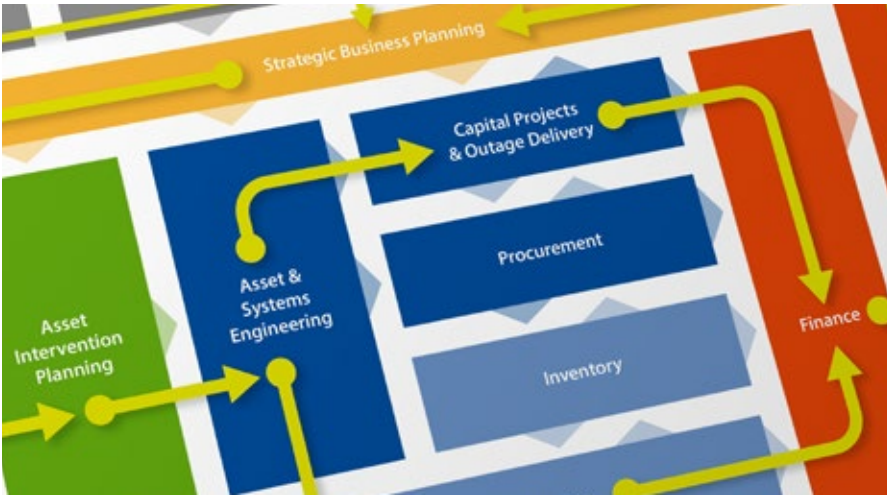




# THE PRACTICAL APPLICATION



A growing number of clients across multiple industries have utilised the AIBA model to ensure alignment of their business capabilities, processes, information models, and Asset Information Systems with corporate objectives. AMCL manages and updates three industry-specific versions - AIBA for Power Generation, AIBA for Transit, and AIBA for Distributed Utilities - incorporating design experience and good practice from a significant number of global projects.



AIBA enables organisations to define, model and communicate all activities, interactions, processes and technology systems across the enterprise, including back office functions such as Finance, Procurement and Human Resources. AIBA improves Asset Management decision making by linking information models in Enterprise Asset Management, Enterprise Resource Planning and operational IT systems (e.g. IBM Maximo, Infor, SAP, Bentley).

AIBA allows the integration of business and performance architectures with enterprise data/application architectures, breaking down barriers between the business and IT.

