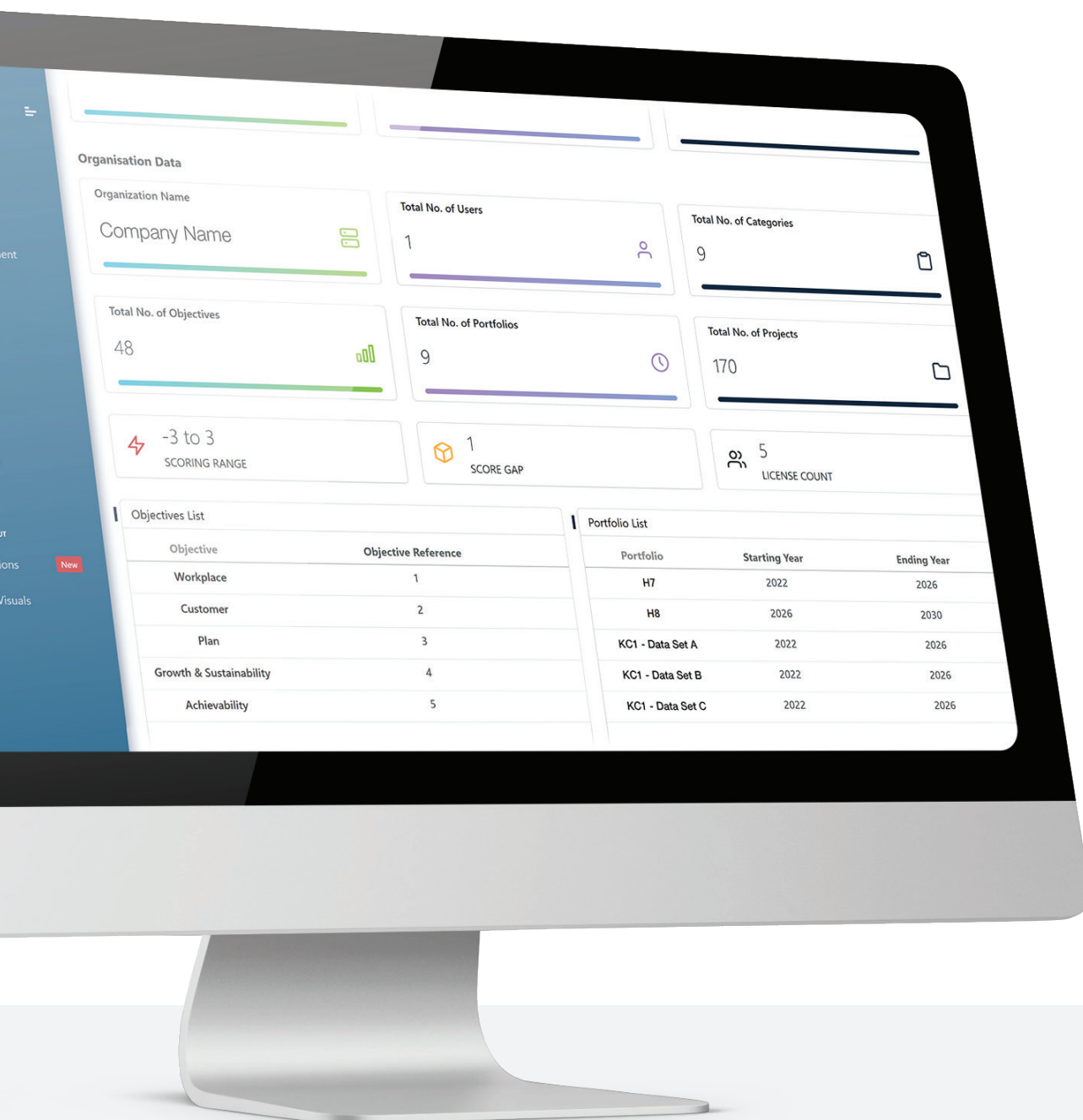


Asset10

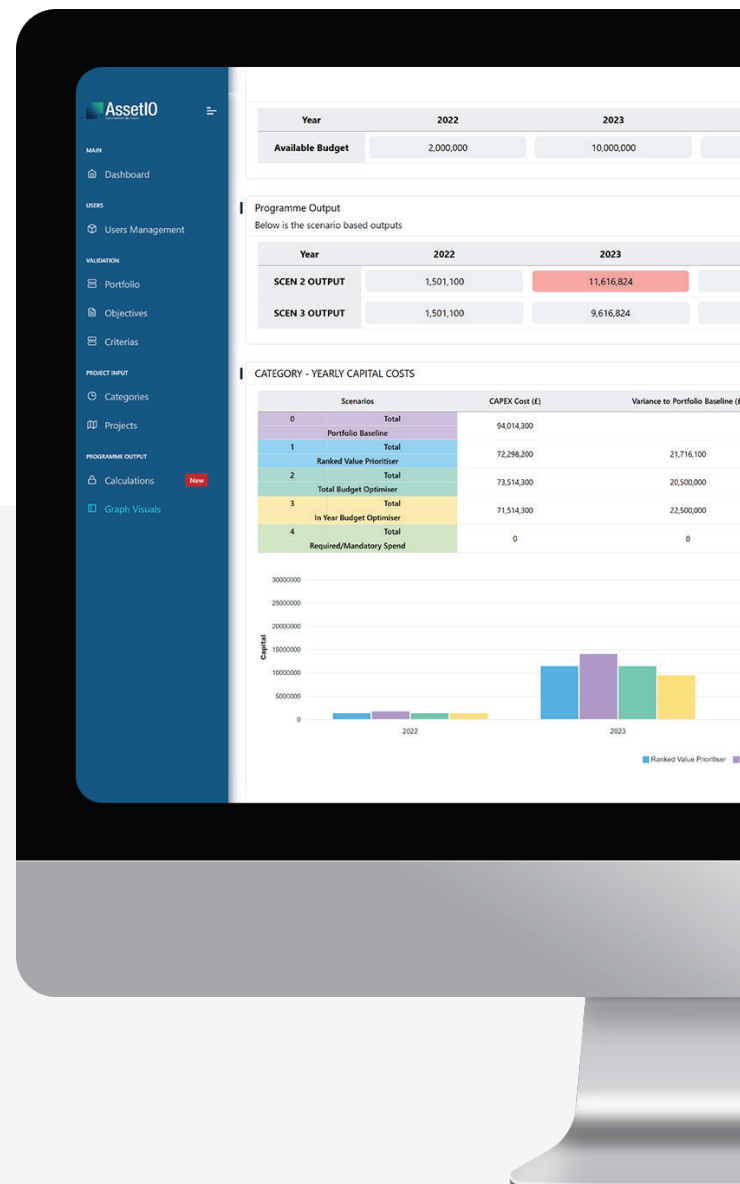
Powering values-based
investment decision making



Many organizations the world over struggle to agree their capital investment plans in a way that is aligned to their organizational priorities. Often there is a complex array of multiple spreadsheets, using different data and decision-making criteria with limited administrative control.

The result is inefficient manual investment planning processes, and sub-optimal decision making which results in poorly targeted investment and reduced ROI. **AssetIO is different...**

~~Spreadsheets
and Excel for
investment
planning~~



AssetIO helps organizations move away from a complex array of multiple spreadsheets for investment planning and on to a single, easy to use web-based platform quickly.

AssetIO utilizes a business value framework and strategic objectives to optimize the benefits of investment plans without the need for significant quantities of data and information. This makes it easier to use and quicker to develop and deploy when compared to other large scale enterprise level solutions which are more complex and rely upon a larger volume of data that simply does not exist in many organizations.



Better alignment of investments with corporate level strategy and priorities



Provides additional flexibility and control over investment plans



Compare a wide variety of different investment needs using the same evaluation criteria



Support more informed discussions with industry regulators, asset owners and investors



Streamline investment planning processes. Produce better plans much more quickly



Make the best use of the data and information that you do have, not show what you don't have



Provide more structure, consistency and objectivity in investment decision-making



Greatly reduced deployment time, enabling the realization of benefits more quickly



Gain more transparency and confidence in investment decisions



Enables rapid progression to a more advanced approach which can be further built upon

Features



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Comprehensive Evaluation

AssetIO allows decision-makers to consider multiple factors simultaneously, including economic, social, environmental, and technical aspects. This comprehensive approach ensures a more holistic evaluation of alternatives.



Quantitative & Qualitative Integration

Integrating both quantitative and qualitative information, AssetIO allows decision-makers to combine objective data with subjective outcomes.



Transparency

The AssetIO process provides a transparent framework for decision-making by explicitly laying out the criteria used for evaluation and the weights assigned to them, fostering understanding and trust among stakeholders.



Regulatory Submission

The structured framework used by AssetIO and the reporting outputs provide supporting data particularly beneficial for Regulatory Submission and discussion.



Risk Management

By considering multiple criteria, AssetIO helps assess investment options, optimizing the outputs to meet specific needs, enabling the risks associated with different alternatives to be accounted for. This allows decision-makers to make more informed choices and mitigate potential negative impacts.



Stakeholder Engagement

AssetIO encourages stakeholder involvement by considering diverse perspectives and interests in the decision-making process, leading to more inclusive and satisfactory outcomes.



Consistency & Objectivity

AssetIO provides a structured and systematic approach to decision-making, reducing the influence of biases and personal preferences. This promotes consistency and objectivity in the evaluation process.



Flexibility

The configuration options allow decision-makers to customize the value criteria and the specific value measure weightings based on the specific needs of the business, making it adaptable to the business needs and priorities.

AssetIO

Home

Dashboard

Users Management

Instances

Portfolio

Objectives

Criteria

Project View

Categories

Projects

Assessment Center

Calculations

Graph Visuals

Organisation Data

Organization Name

Company Name

Total No. of Users

1

Total No. of Categories

9

Total No. of Objectives

48

Total No. of Portfolios

9

Total No. of Projects

170

SCORING RANGE

-3 to 3

SCORE GAP

1

LICENSE COUNT

5

Objectives List

Objective	Objective Reference
Workplace	1
Customer	2
Plan	3
Growth & Sustainability	4
Achievability	5

Portfolio List

Portfolio	Starting Year	Ending Year
H7	2022	2026
H8	2026	2030
KC1 - Data Set A	2022	2026
KC1 - Data Set B	2022	2026
KC1 - Data Set C	2022	2026

Investment Needs & Solutions Capture

Calculations

Calculations

Programme Input

Please fill the below parameters

Year	2022	2023	2024	2025	2026	Total Cost
Available Budget	2,000,000	10,000,000	21,000,000	25,000,000	20,000,000	80,000,000

SCEN 1: Ranked Value Prioritiser

Click here to calculate the Target TYS

SCEN 2: Total Budget Optimiser

Click here to calculate the Year Cost

SCEN 3: In Year Budget Optimiser

Click here to calculate the Year Cost

Programme Output

Below is the scenario based outputs

Year	2022	2023	2024	2025	2026	Total Cost
SCEN 1 OUTPUT	1,501,100	11,016,824	21,620,297	21,620,121	16,951,000	73,514,342
SCEN 2 OUTPUT	1,501,100	9,616,824	21,620,297	21,620,121	16,951,000	73,514,342

OUTPUT

Ranked Value Prioritiser

Total Budget Optimiser

In Year Budget Optimiser

Project	Category	2022	2023	2024	2025	2026	Total Cost	In Required	TYS	RPT's Capital	TYS/Item	RPT's Capital	TYS/Item
Project 1	Category 1	0	290,000	1,200,000	1,500,000	2,000,000	4,990,000	0	21.94	4,990,000	434	4,990,000	434
Project 2	Category 1	200,000	3,800,000	5,000,000	2,000,000	0	10,000,000	0	30.87	10,000,000	200	14,950,000	635
Project 3	Category 1	300,000	1,000,000	3,000,000	1,000,000	0	5,300,000	0	20.12	5,300,000	217	10,450,000	910
Project 4	Category 2	300,000	1,000,000	2,000,000	1,700,000	0	5,000,000	0	19.21	5,000,000	349	10,950,000	1279
Project 5	Category 3	100,000	250,000	300,000	500,000	800,000	1,950,000	0	18.99	1,950,000	958	10,900,000	2237

Investment Priorities Setting

Year

2022

2023

2024

2025

2026

Total Cost

Available Budget

2,000,000

10,000,000

21,000,000

25,000,000

20,000,000

80,000,000

Programme Output

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CATEGORY - YEARLY CAPITAL COSTS

Scenario	Capital Cost (€)	Variance to Portfolio Baseline (€)	No. Projects	Total Benefits Score	CO2E Reduction (%)	Benefits Realised (%)
Portfolio Baseline	96216,836		25	242,891		100
Ranked Value Prioritiser	71,296,836	21,716,100	15	242	0.000007	93.0317
Total Budget Optimiser	71,294,836	23,360,000	17	246.26	0.019802	94.6495
In Year Budget Optimiser	71,294,836	21,360,000	16	236.76	0.019805	89.8013
Required Minimum Spend	0	0	0	0	0	0

Bar chart showing Capital Cost (€) for 2022, 2023, 2024, 2025, and 2026. The chart compares four scenarios: Ranked Value Prioritiser, Portfolio Baseline, Total Budget Optimiser, and In Year Budget Optimiser. The Portfolio Baseline is the highest, followed by the Total Budget Optimiser, then the In Year Budget Optimiser, and finally the Ranked Value Prioritiser.

Optimized Investment Plans

AssetIO

Powered by

AMCL+

Features

Customers

Spreadsheet

A software s

specifically fo

AssetIO is a web-based decision support tool that captures the requirements of modern in

Le

Case Studies



Aviation Sector Client

Serving over 200 destinations globally, this major international airport acts as a gateway connecting the United Kingdom to the rest of the world. Consisting of 212 aircraft stands, over 80 million passengers travel through the airport each year, travelling on 80 different global airlines.

To begin with AMCL worked with the Investment Planning team to establish a multi-criteria cost-benefit investment prioritization framework. AMCL's investment planning tool was then configured to 'codify' the new prioritization framework into an easy to use structure and presentation. The organizations investment planning team trained were then how to use it the new tool.

Within a matter of days the investment planning team were able to run four different investment planning optimization scenarios within the new tool, the best one of which offered a 30% reduction in Capex Spend whilst retaining 89% of the benefits compared to the organization's legacy spreadsheet-based plan.

Earlier versions of AssetIO have helped leading infrastructure owner operators to prioritize their investment they need to make in their assets. The organizations below have been able to rapidly transition away from their existing legacy spreadsheet-based approaches and adopt multi-criteria constraint-based investment planning approach using the fundamental principles that underpin AssetIO.

Water Sector Client

This national water company provides water and wastewater services to 1.6 million homes and 172,000 businesses. With investment in the companies asset portfolio under increasing scrutiny by the regulator, the organization sought to ensure that every investment decision is made with clear purpose and from a position of knowledge on the expected benefits outcomes.

AMCL established a view on the companies existing prioritization methodologies. A multi-criteria investment planning tool was then developed which presented the Value Framework in a simple yet effective way. The new tool was quickly adopted by the Investment Planning and Delivery teams.

As a result, the organization was now able to better prioritize its investments by incorporating additional factors which could not be expressed as a monetary value, or which were qualitative and could not be easily quantified. This enabled the organization to demonstrate greater transparency in its investment decision making to regulators and better value to its customers.



Get in touch

To hear more about how AssetIO can help your organization or to book a demonstration with one of our AssetIO investment planning specialists contact us here at solutions@amcl.com.

Meet the Team



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Spreadsheets
and Excel for
investment
planning