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2024



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Institut Français
d'Asset Management
Industriel et Infrastructures



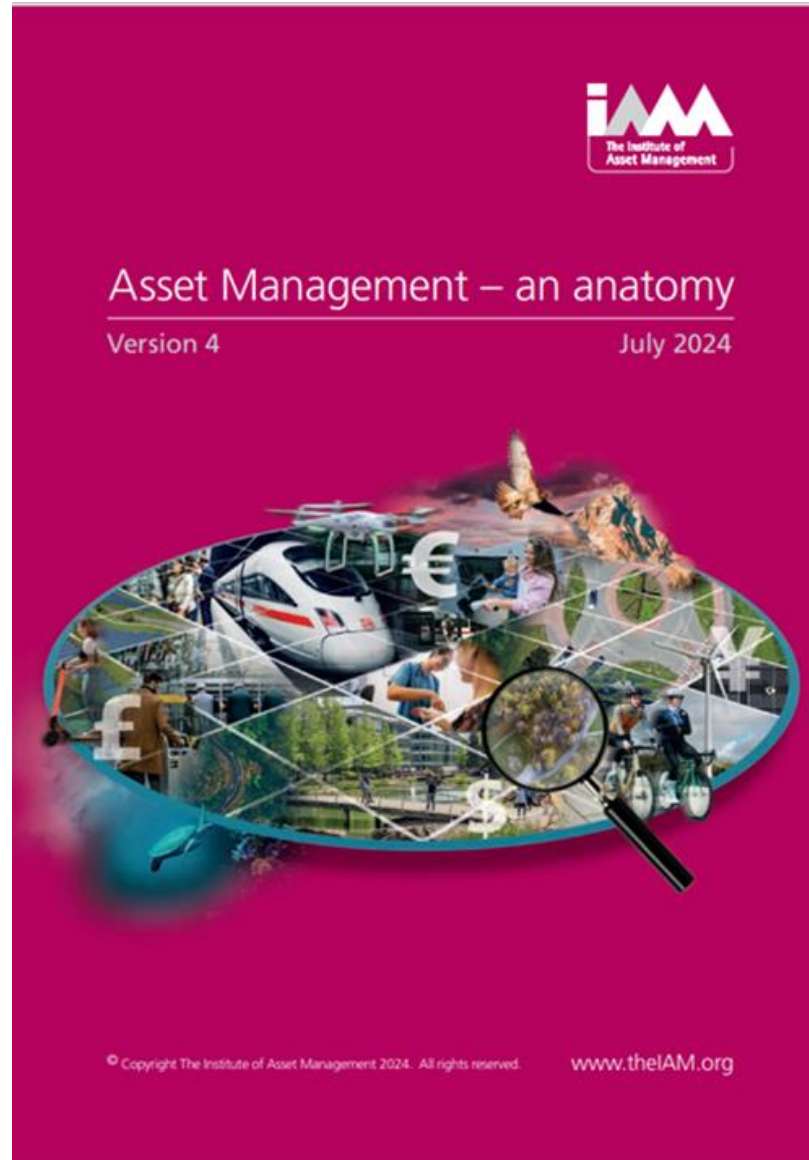
The Institute of
Asset Management

IFRAMI and IAM Partnership
Edmea Adell and Ursula Bryan
8 October 2024

Asset Management – An Anatomy



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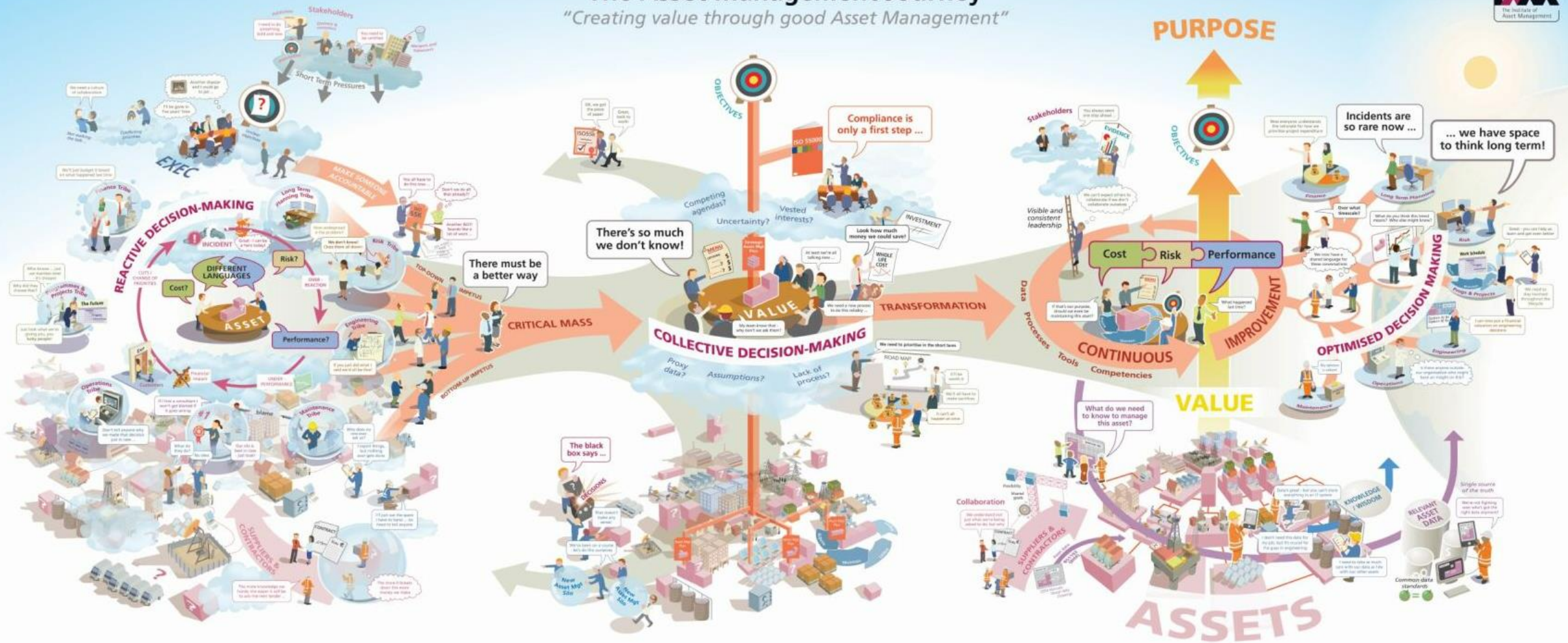
www.theIAM.org



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The Big Picture: The Asset Management Journey

The Asset Management Journey "Creating value through good Asset Management"



What could you do next? theIAM.org/BigPicture

This picture was created from insights and experiences shared in a series of workshops by hundreds of IAM members, representing a huge range of organisations and industries. Our question was this: What does it feel like to be on the Asset Management journey? The resulting image is designed to be used as a tool to stimulate conversation in your business about where you are on the journey.

Version 1, Oct 2014
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<https://theiam.org/knowledge-library/the-big-picture/>



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Knowledge Resources

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The Pathway to Excellence In Asset Management

IAM Maturity Scale & Guidance

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The Case for Excellence in Asset Management

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Developing and Maintaining a Strategic Asset Management Plan (SAMP)

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Implementing and Improving a Management System for Asset Management

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Shutdown and Outages Strategy and Management

Version 1 July 2022

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Asset Decommissioning and Disposal

Version 1 September 2021

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Stakeholder Engagement

Version 1 March 2019

Managing the Organisation

- Asset Management
- Asset Management System
- Asset Portfolio

39

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Knowledge Resources

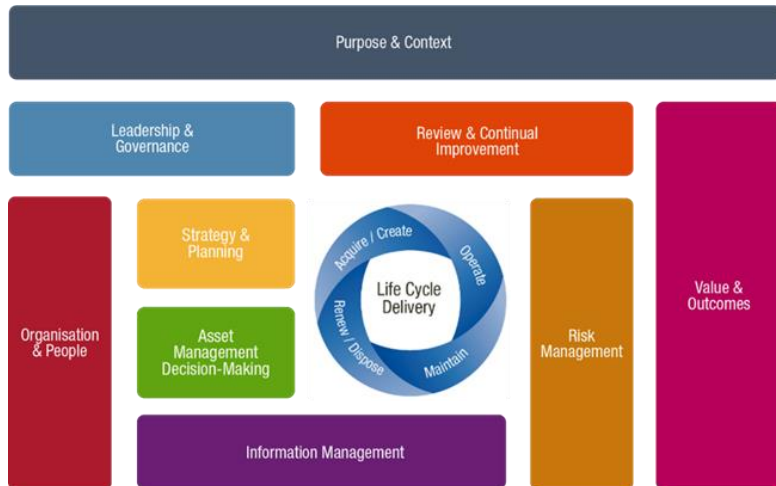
PLAN DESIGN BUILD **MANAGE** OPERATE

3. Asset Lifecycle Decision Support Tools

How do I manage the assets I have in terms of maintenance and renewals regimes?

<p>CHALLENGE</p> <p>How can digital tools and analytics help in the specification and delivery of maintenance and renewals activities?</p> <p>How do I know my regimes are risk-based, optimised and based on robust data?</p>	<p>SOLUTION</p> <p>An integrated suite of decision support tools that model asset behaviours and the expected impact of interventions over the lifecycle.</p> <p>By understanding the trade-offs between performance, risk and costs, organisations can justify (and optimise) their asset lifecycle strategies, asset maintenance and replacement regimes.</p>	
<p>BENEFITS</p> <ul style="list-style-type: none"> ✓ Improved buy-in from stakeholders ✓ Stronger business cases that prioritise investments and de-risk cost-benefit analysis ✓ Better outcomes from internal/external reviews due to robust, auditable, evidence-based plans 	<p>NO REGRETS</p> <ul style="list-style-type: none"> • Codification / capture of risks • Evaluate interventions (costs vs. impacts) • Simple asset lifecycle models (spreadsheet or basic simulation) of different regimes 	<p>GAME CHANGERS</p> <ul style="list-style-type: none"> • Feedback outcomes from using advanced analytics (e.g. AI/ML) to understand 'best intervention options'
<p>FOUNDATIONAL</p> <ul style="list-style-type: none"> • Understanding of asset risks and intervention options (impacts and resource requirements) • Current or OEM specifications for maintenance / replacement activities 	<p>DEFINING APPROPRIATE LEVEL OF GRANULARITY</p> <p>Eliciting knowledge from engineers / others</p>	<p>COMMON CURRENCY FOR RISKS AND INTERVENTIONS:</p> <p>Accessibility to data and a repository of info</p>
<p>HOW WILL YOU ENGAGE ENGINEERS IN DESIGNING AND TRAINING THE ASSET MODELS AND INCORPORATE FEEDBACK TO UPDATE THEM?</p>		

Digital



Excellence and Maturity

Why Resilience Needs To Be On Your Radar

Version 1 | February 2024

Resilience

Climate Emergency Action Planning

Guidance for asset owning organisations

Version 1 | October 2021

How Asset Management Can Enable the Circular Economy

Version 1 | November 2022

Circular Economy

Nature-based Solutions for Asset Management

Version 1.1 | February 2024

Climate Emergency



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Assets Magazine

Value through collaboration

Andy Kirwan, from Network Rail, Jude Carey, from Irish Rail, and Rosa Casquero, from UIC, explain more about the WiSDoM project, which aims to establish a methodology and framework for



Unlocking the power of university-industry partnerships

Susan Lattanzio talks to Dave Clarke and shares insights from the Made Smarter Innovation and NDA partnership

Diamond standard

Jo Emberson-Wines, from the UK Environment Agency, explains how collaboration was at the heart of the 10-year Thames Estuary Asset Management (TEAM) 2100 programme



Raising standards

United Utilities' asset management journey to ISO accreditation is testament to the hard work of many teams across the organisation. Here, Simon Cain charts the project



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Webinars



IAM WEBINAR

**Brian Addison &
David McKay**
SSEN Transmission



IAM WEBINAR

Chris Snider

Resilience and Asset
Protection:
How Insurance Plays a Role



Journey
t
e



00 ET
00 UTC
00 GST

31 July 2024

TIMES
06:00 PT
09:00 ET
14:00 BST



IAM WEBINAR

Martin Kerr
ISO55001:2024



IAM WEBINAR

Shiv Iyer

It's Data...It's an Asset... It's
a Data Asset
- ISO 55013 - Guidance on the
management of data assets



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**20 September
2024**

TIMES
06:00 PT
09:00 ET
14:00 BST

<https://theiam.org/events/iam-webinars/>

Conferences and Professional Development Workshops



LAST CHANCE TO REGISTER



CLIMATE RISKS ASSESSMENT FOR INFRASTRUCTURE AND FACILITIES

VIRTUAL COURSE - 3 x 3hr sessions

25, 26 & 28 November 2024

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VENUE

Millennium Gloucester Hotel,
London



Guy Félio

Development course is designed to help
the risks associated with extreme weather
conditions of future climate conditions for both
built and natural assets.

IAM GLOBAL VIRTUAL CONFERENCE 2024

SEPTEMBER PROGRAM

17 &

SAVE THE DATE

IAM GLOBAL CONFERENCE AND AWARDS

18-19 JUNE 2025

THEME: TBC

