

The logo for SYMETRI is displayed in a large, white, sans-serif font. The letters are bold and evenly spaced. The background is a dark teal color with a large, curved, lighter teal shape that frames the text from the top and right sides.

SYMETRI

PART OF ADDNODE GROUP

DARYN FITZ:
PRINCIPAL CONSULTANT & SPECIAL
PROJECTS LEAD

ASSET MANAGEMENT REDEFINED



5TH JUNE 12:00 – 12:30PM ASSET MANAGEMENT STAGE



Get your smartphones ready





**WHO ARE
SYMETRI**

At Symetri we have continuously expanded to provide even better leading-edge solutions and services to more markets.

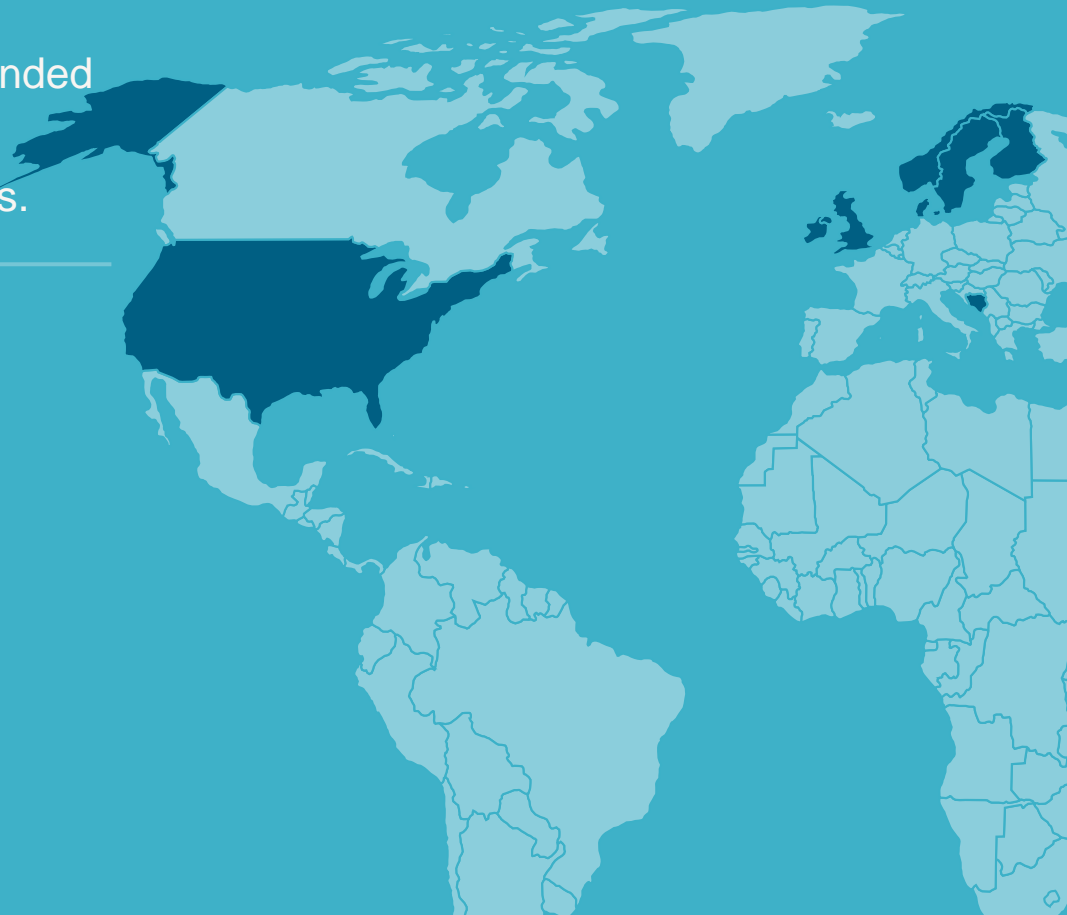
1000
EMPLOYEES

400K
USERS DAILY

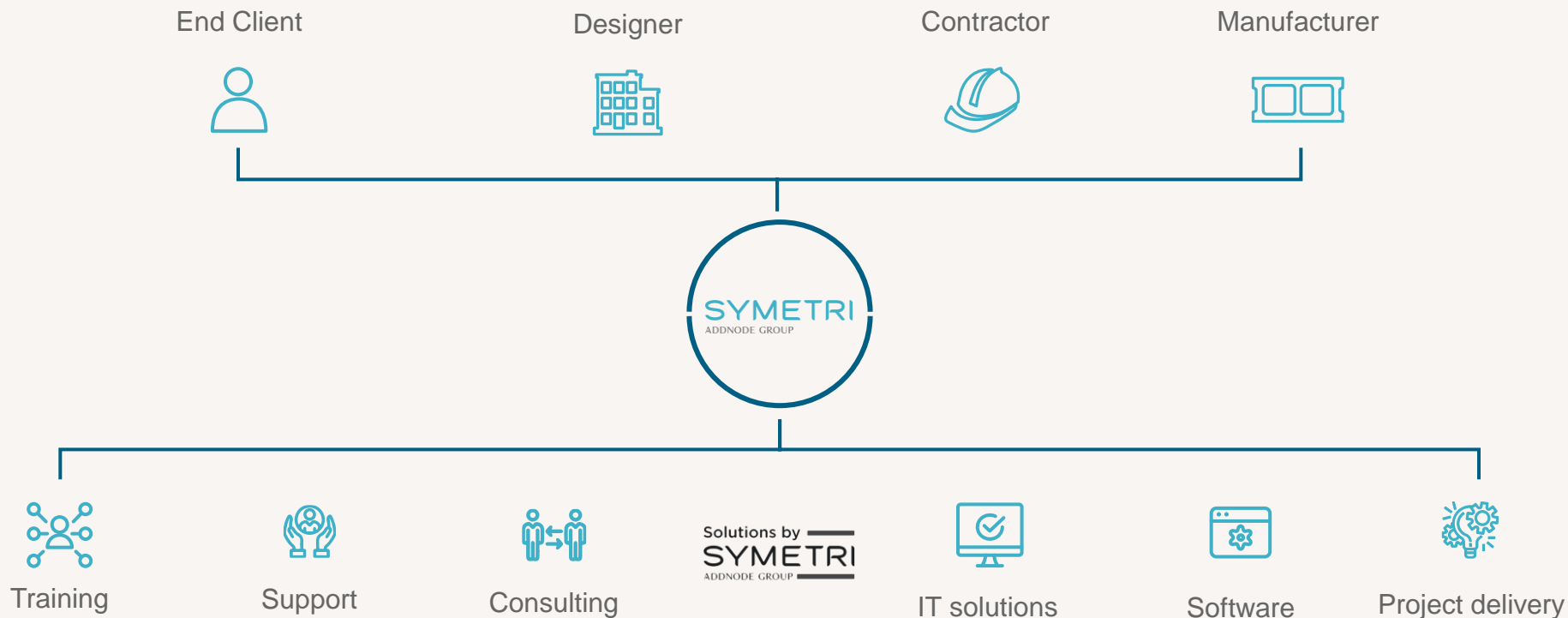
7
COUNTRIES

23
ACQUISITIONS

33
OFFICES

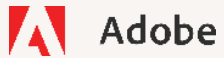


WHAT WE DO



TECHNOLOGY

SOLUTIONS BY
SYMETRI
ADDNODE GROUP



OUR CORNERSTONES



LEADING-EDGE
TECHNOLOGY



KNOWLEDGE
& EXPERTISE



WORK SMARTER



TRUSTED PARTNER

ASSET MANAGEMENT REDEFINED

Part 1: Global Challenges

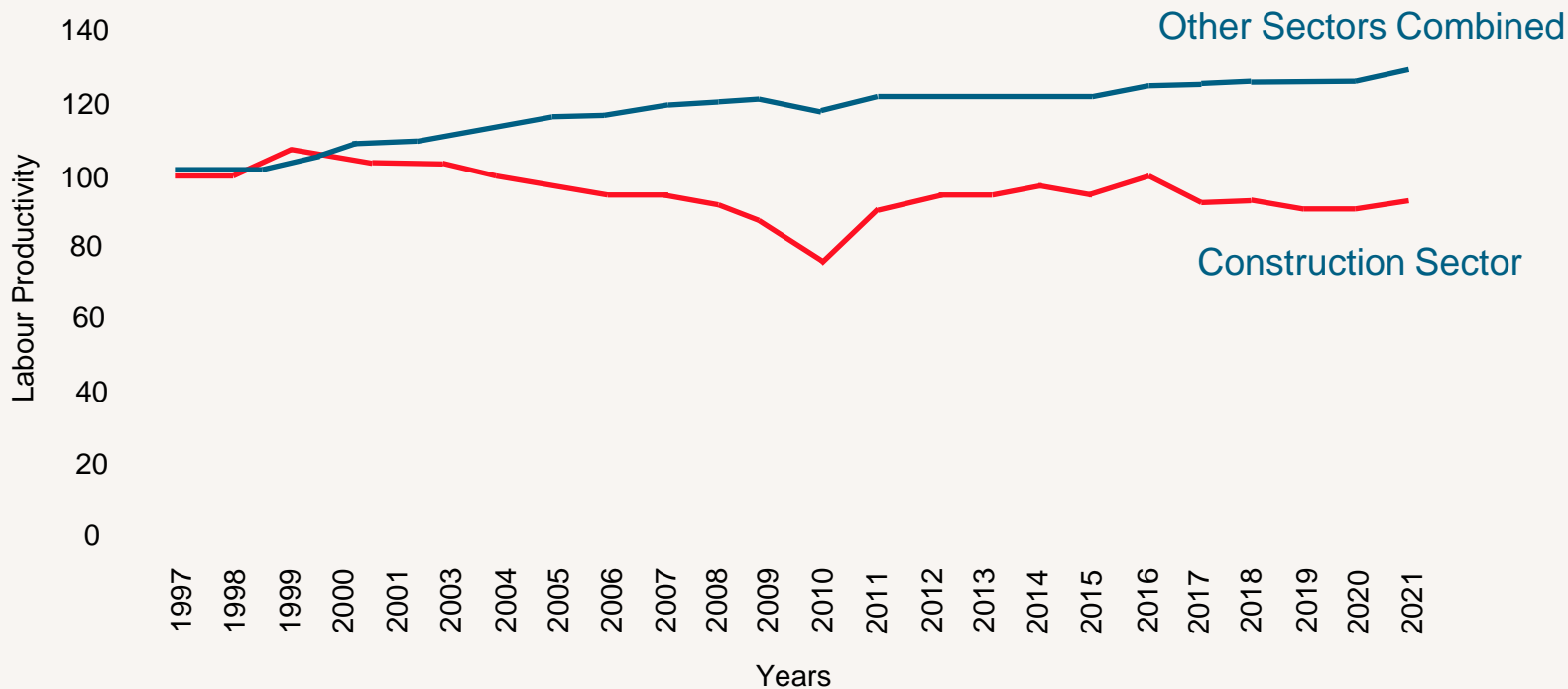
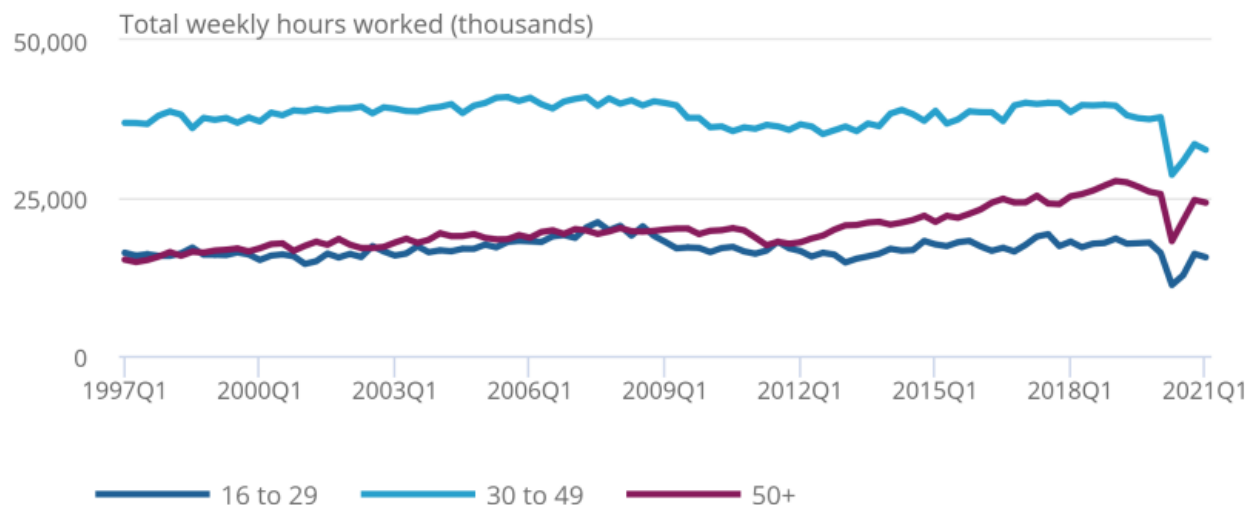




Figure 8: The number of hours worked by workers 50 years and over has increase substantially, while for younger workers there is little growth

Total weekly hours worked per quarter by age group, construction industry, UK, Quarter 1 (Jan to Mar) 1997 to Quarter 2 (Apr to June) 2021



Productivity
Environmental
Financial
Labour

These all apply to Asset Management

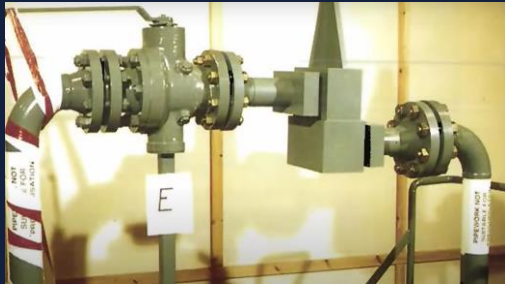


Part 2: The birth of Asset Management



6th July 1988 **Piper Alpha** was an oil platform located in the North Sea it **exploded** and collapsed **killing 165 people on board** and **two rescue workers**, **Sixty-one workers escaped and survived.**

Insured loss was about £1.7 billion (£3.75 billion in 2024), it was 10% of North Sea oil and gas production. The accident is the world's worst offshore oil disaster in terms of lives lost and industry impact.



Inadequate maintenance and safety procedures were identified.

In 1988 the U.S.A, the National Council on Public Works published Fragile Foundations

Objective: Desired level of service at the lowest life cycle cost.

In 1993 New South Wales, Australia published Public Works Department Policy Division.

Objective: Better strategic planning, prioritisation of activities and increased focus on value for money, the outcome was the first public sector total asset management manual

Asset Management has been around for 35 years

The first International Standard ISO 55000 was not published until 2014

It is fast a maturing discipline with lots of guidance and updates due in 2024

Part 3: Breaking News

Global Forum on Maintenance & Asset Management

Members

PEMAC, Canada
IAM, UK
IFRAMI, France
EFNMS, Europe
SMRP, USA
JIPM, Japan
JAAM, Japan
MAPMA, Malaysia
IPWEA, Australia
AM Council, Australia
MARAMM, Morocco
SAAMA, South Africa
GSMR, Arabian Gulf Region

5th June 2024

SMR
iframi
IAM
JAAM
JIPM
MAPMA
PEMAC
SAAMA
SMRP
IPWEA

The Asset Management Landscape
Second Edition
English Version

Global Forum
On Maintenance & Asset Management

ISBN 978-0-8071798-2-6
Published March 2014
www.gfmam.org



<https://gfmam.org>

Landscape Subject Group	Landscape Second Edition Subject
Strategy & Planning	Asset Management Policy
	Asset Management Strategy & Objectives
	Demand Analysis
	Strategic Planning
	Asset Management Planning
Asset Management Decision-Making	Capital Investment Decision-Making
	Operations & Maintenance Decision-Making
	Lifecycle Value Realisation
	Resourcing Strategy
	Shutdowns & Outage Strategy
Lifecycle Delivery	Technical Standards & Legislation
	Asset Creation & Acquisition
	Systems Engineering
	Configuration Management



ISO 19650

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM)

Is this a good standard for asset managers?



Nominate individual(s) within your organisation to undertake the information management function

Consider how you want your information and data structured and classified

Consider the information you need to share with external operators or maintainers

Consider how you will use information and data during the operational phase of the asset

You need to consider the security or distribution of information



Published
ISO 19650-1:2018

A standard is reviewed every 5 years
Stage: 90.60 (Under review) ^



Published
ISO 19650-2:2018

A standard is reviewed every 5 years
Stage: 90.60 (Under review) ^



Published
ISO 19650-3:2020

A standard is reviewed every 5 years
Stage: 90.20 (Under review) ^



Published
ISO 19650-4:2022

Stage: 60.60 ^



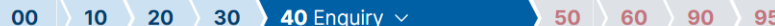
Published
ISO 19650-5:2020

Stage: 60.60 ^



Under development
ISO/DIS 19650-6

Stage: 40.60 ^



Source: 02/06/2024



ISO 55000 series
Asset management

ISO 55000 series : Asset Management



ISO 55013 : Data Assets



ISO 55013 – Guidance on the management of data assets

*Increasing and sustaining the usefulness of data assets
to meet asset management and organisation objectives*

ISO 55013 : Data Assets

General information

Status : Under development


Publication date : 2024-07

Stage : International Standard under publication [60.00]

Edition : 1

Technical Committee : ISO/TC 251

ICS : 03.100.01

 RSS updates



Life cycle

Now

Under development

ISO 55013

Stage: **60.00** (Under publication) ^

00

10

20

30

40

50

60 Publication v

90

95

The screenshot shows the ISO website's search interface. At the top left is the ISO logo. The navigation menu includes 'Standards', 'Sectors', 'About ISO', 'News', 'Taking part', and 'Store'. A search bar contains the text 'AI'. Below the search bar, it indicates '3159 results found'. There are five filter buttons: 'All results', 'Standards (2403)', 'Pages (215)', 'News (470)', and 'Publications (18)'. Below these, a 'Committees (53)' button is visible. The main content area displays a search result for 'ISO/IEC 42001:2023 Information technology — Artificial intelligence — Management system'. The description states: 'This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using ...'. The word 'Published' is visible at the bottom right of the result card.



<https://www.iso.org/search.html>



The IAM has chapters in Belgium, Canada, Germany, India, Ireland, the Kingdom of Saudi Arabia, Malaysia, the Netherlands, the United Arab Emirates, the United Kingdom, and the United States of America



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About the IAM

About the IAM

Vision & Strategy



Asset Management – an anatomy

Version 3

December 2015



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July
2024

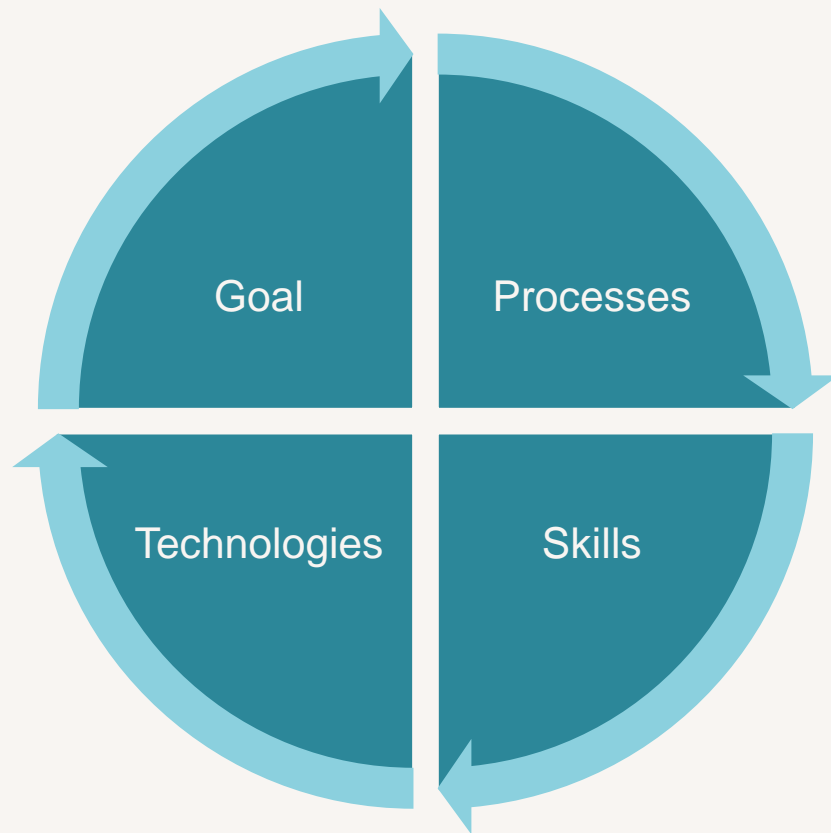
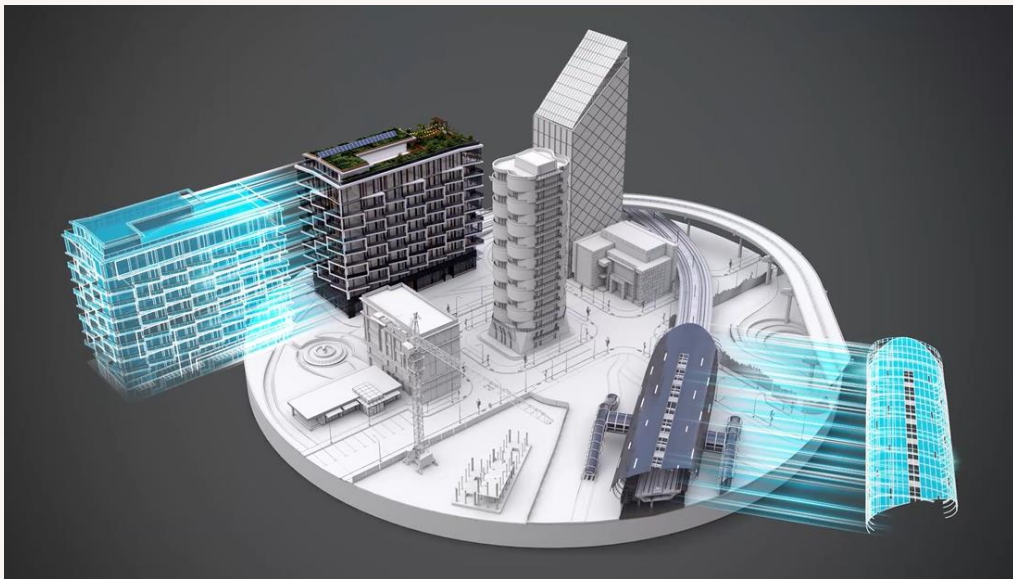


<https://theiam.org/knowledge-library/the-big-picture/>

ISO55001 and the GFMAM Landscape describe 'what' you need to include in your management system for asset management and define 'what' is the scope of the subjects that comprise asset management.

The IAM 's Anatomy provides a high-level 'how' to support your asset management.

The IAM's Subject Specific Guidelines (SSG's) provide more detail on 'how' to support your asset management.



Takeaway

Asset Management - lots of news, new standards, and guidance in 2024

Daryn Fitz:
Principal consultant & special projects
lead



Book in a 30 min
Informal chat



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