



Asset Leadership Network



Asset Management: Impact and Opportunity

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**US Head of Delegation for the
Development of ISO 55000**




Asset Leadership Network

- The Asset Leadership Network is a not for profit trade association focused on impacting asset management across all industries, markets, and sectors that are dependent on assets to achieve strategic organizational objectives.

Asset Leadership Network





What are you going to do with all this
amazing information that has been
presented?

Key word?

Do

Simple

- So much excellent information presented here!
- Complexity and depth
- Recommendation: Understand Asset Management in a simple way, so you can explain it in a simple way

Simple means understanding

- “I didn't have time to write a short letter, so I wrote a long one instead.”
 - Mark Twain

A Caution

- All Models Are Wrong.
- Some models are useful.
 - Tony McGrail of Doble
 - The aphorism is generally attributed to the statistician George Box

All Organizations Need Three Things...

Human
Resources

- People

All Organizations Need Three Things...

Human
Resources

- People

Finance

- Money

All Organizations Need Three Things...

Human
Resources

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Asset
Management

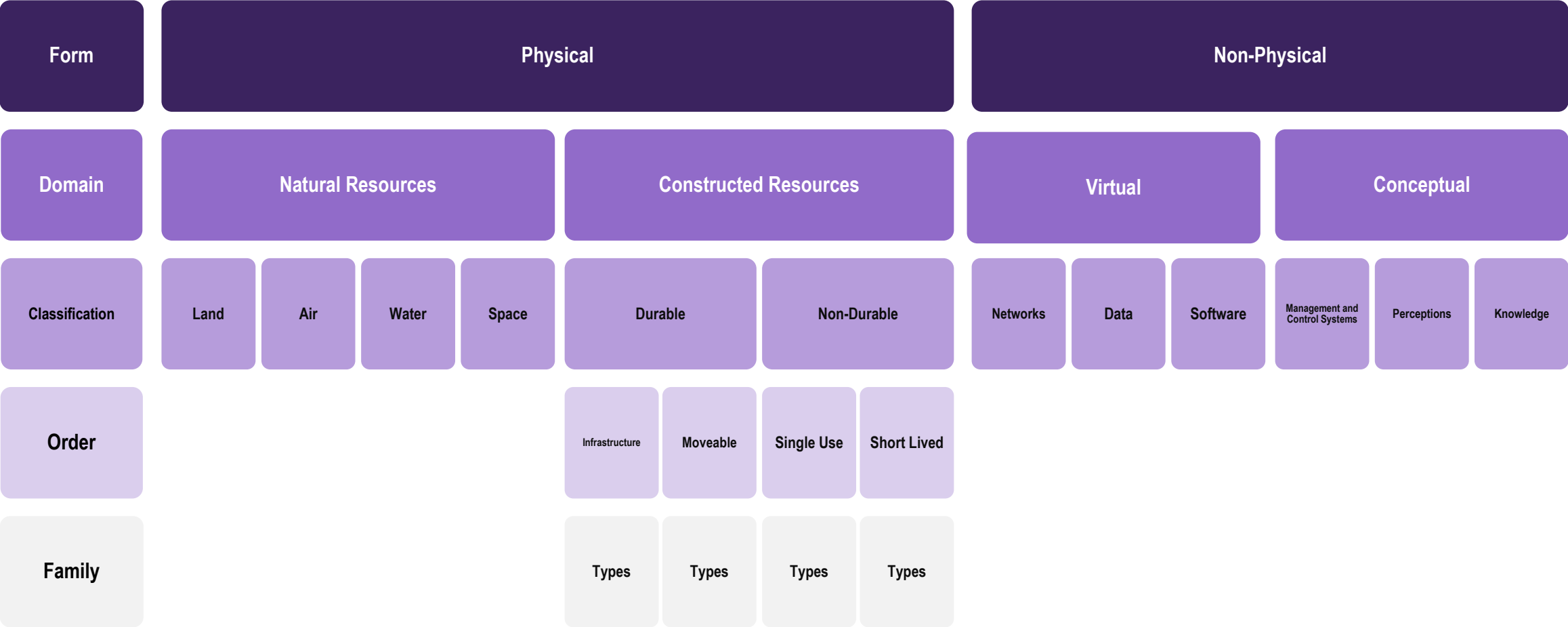
- Stuff

Assets are everywhere

Many sectors

Many asset types

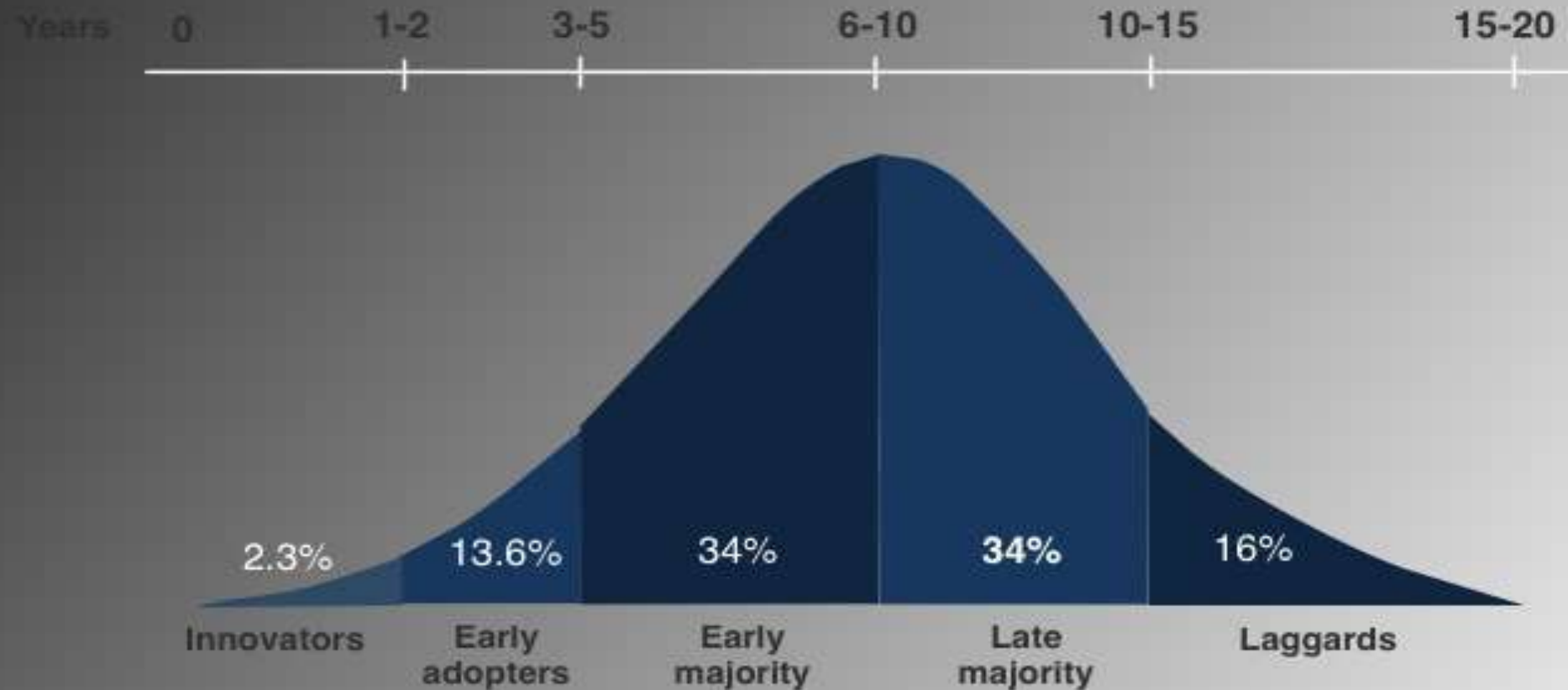
Focus Area 1: Asset Taxonomy



ISO 55K Series

- Required by government policies in:
 - Great Britain
 - Canada
 - Australia
 - Netherlands
 - Columbia
 - and others...

The Technology Adoption Curve



Note: On average, a company will need at least 6-10 years in a market to establish market category dominance

Asset Management News

RON JOHNSON, WISCONSIN, CHAIRMAN

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United States Senate


COMMITTEE ON
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WASHINGTON, DC 20510-6250

CHRISTOPHER R. HIXON, STAFF DIRECTOR
MARGARET E. DAUM, MINORITY STAFF DIRECTOR

May 17, 2017

The Honorable Gene L. Dodaro
Comptroller General
U.S. Government Accountability Office
441 G Street, NW
Washington, DC 20548

[2017-05-17 GAO Federal Property Request.pdf](#)



“Before the Federal Government embraces 55000, we ask that GAO access how ISO 55000 works in practice.”

“a) Identify examples of foreign and domestic agencies that have implemented ISO 55000 and describe their efforts.

b) Access any evidence of improved management or efficiencies from the application of ISO 55000

c) Describe any remaining challenges to implementing ISO 55000 and the steps countries and agencies are taking to address them.”

GAO19-57

- FEDERAL REAL PROPERTY ASSET MANAGEMENT:
Agencies Could Benefit from Additional Information on
Leading Practices, 2018
- <https://assetleadership.net/wp-content/uploads/2018/11/gao-study.pdf>

US National Asset Leadership Strategy (NALS)

Asset Leadership Network Policy Initiative
Supported by Grant Thornton Public Sector

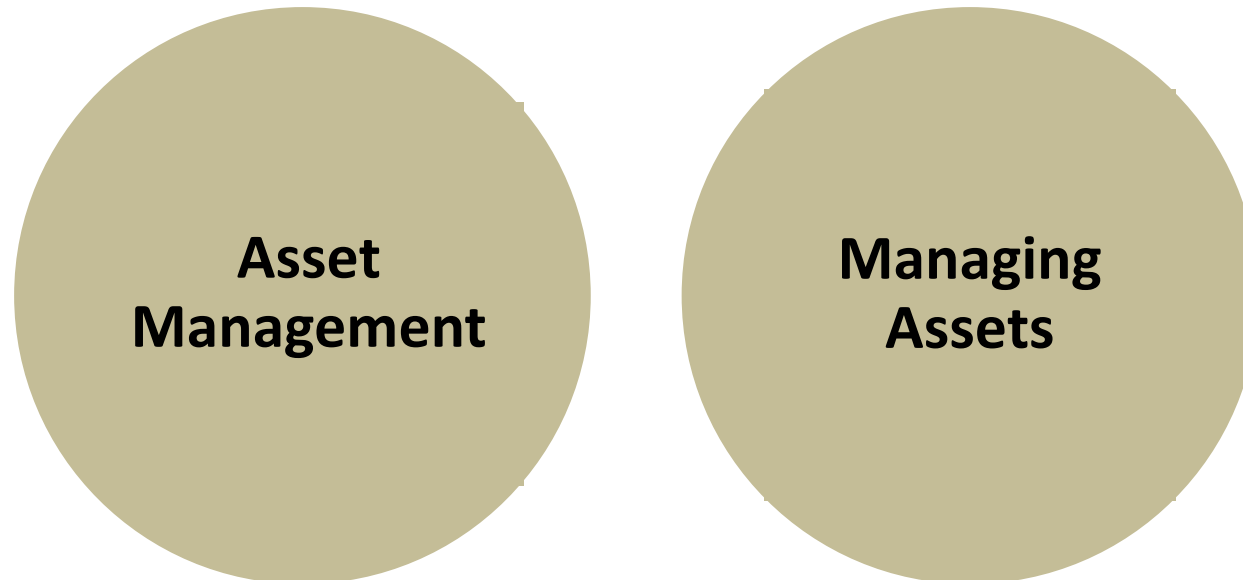
NALS Focus Areas

- 1 • Taxonomy
- 2 • Scope
- 3 • National Objectives
- 4 • Stakeholders
- 5 • Asset Management Objectives
- 6 • Information Management
- 7 • Performance Evaluation
- 8 • Improvement

Asset Management

- The **coordinated activity** of an organization to realize value from assets

TC/251 Convention



Asset management is not
managing assets

Asset Management System

- Management system for asset management whose function is to **establish** the asset management **policy** and asset management **objectives**
- Spans **strategy** and **tactics**, leading to processes impacting **assets**

Comprehensive Asset Management

- Operations is about the **assets**
 - Maintenance
 - Purchasing
 - Logistics
 - Warehousing
 - Operators



Operations



The asset lifecycle

Comprehensive Asset Management

- Tactics is about the **information**
 - Data collection
 - Data analytics
 - Geospatial
 - Reliability
 - Engineering
 - Supply chain



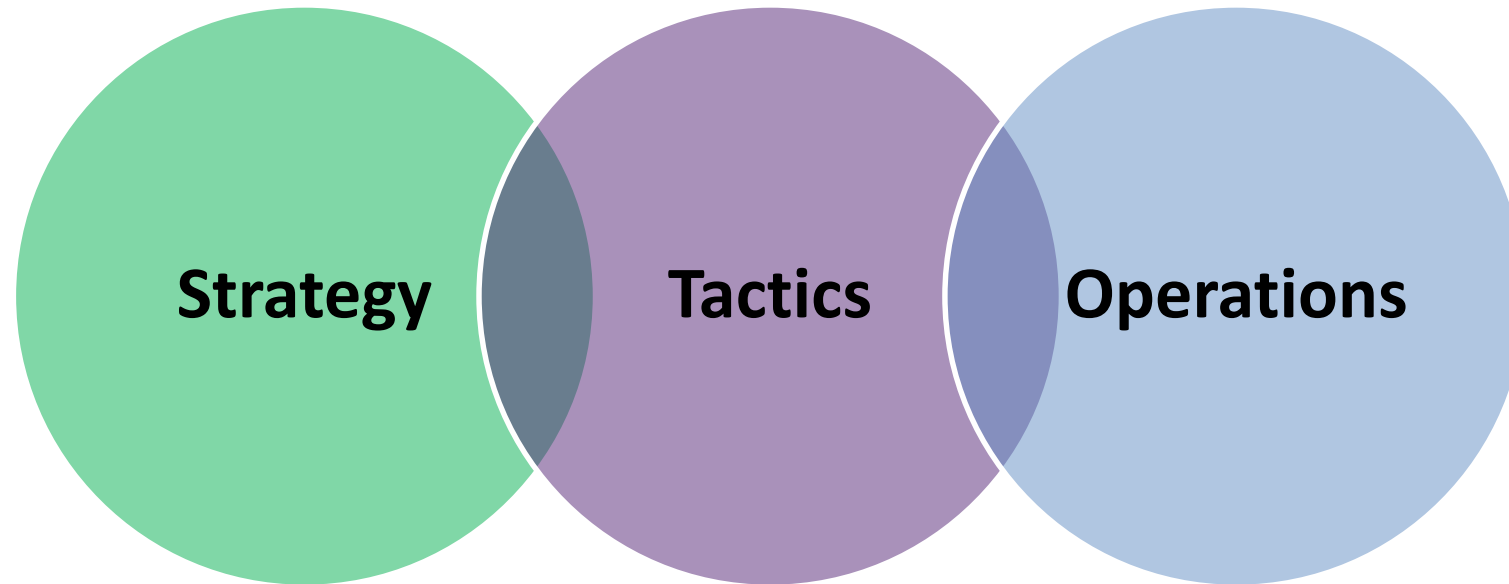
Comprehensive Asset Management



- Strategy is about **value**
 - Budgeting
 - Funding prioritization
 - Leadership
 - Long term planning

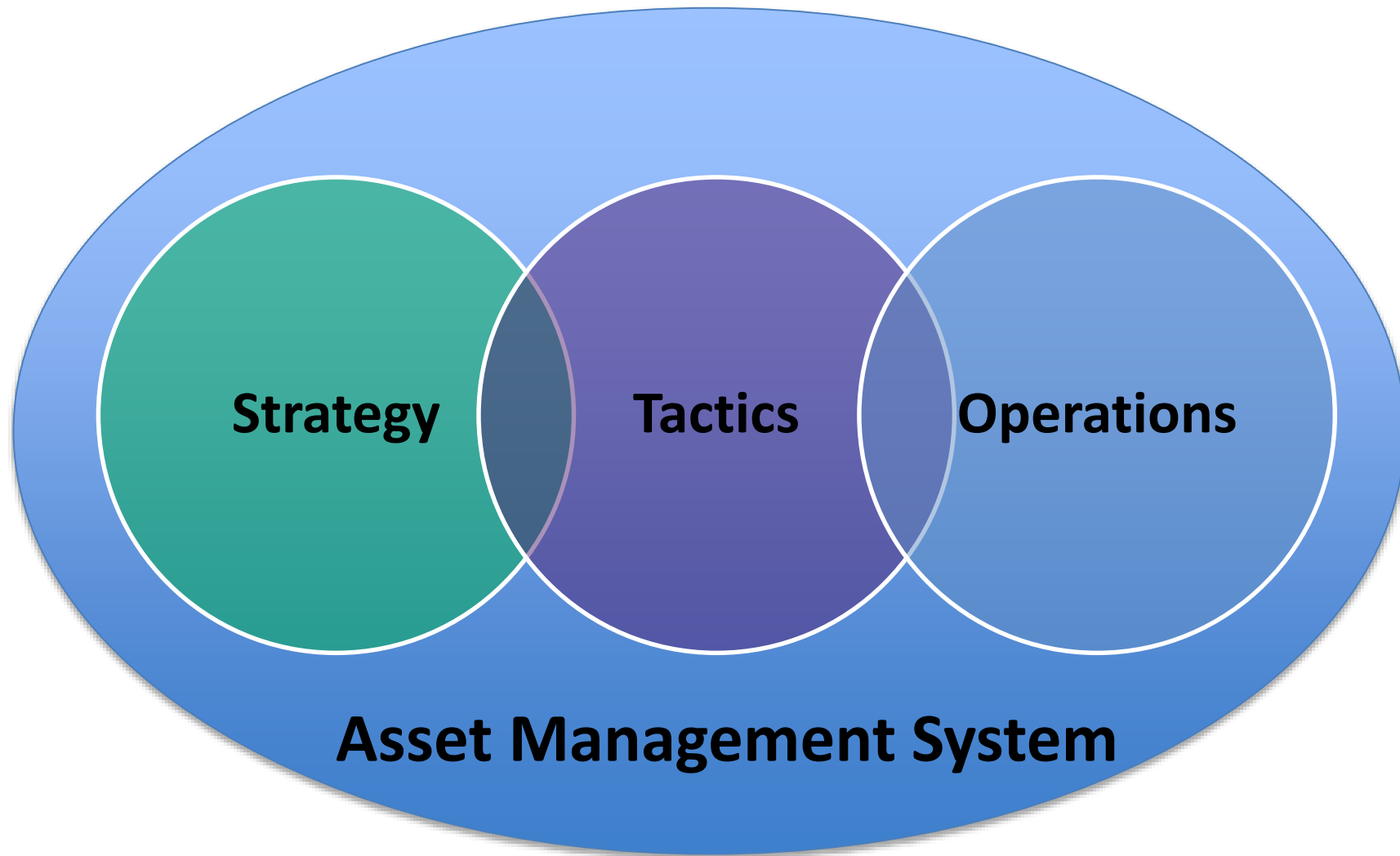


Comprehensive Asset Management



- Asset information integrates asset management and creates the asset management system

Comprehensive Asset Management



What's next?

In some cases, initiatives are struggling because of a lack of awareness of Asset Management

What Impact can we have in these areas?

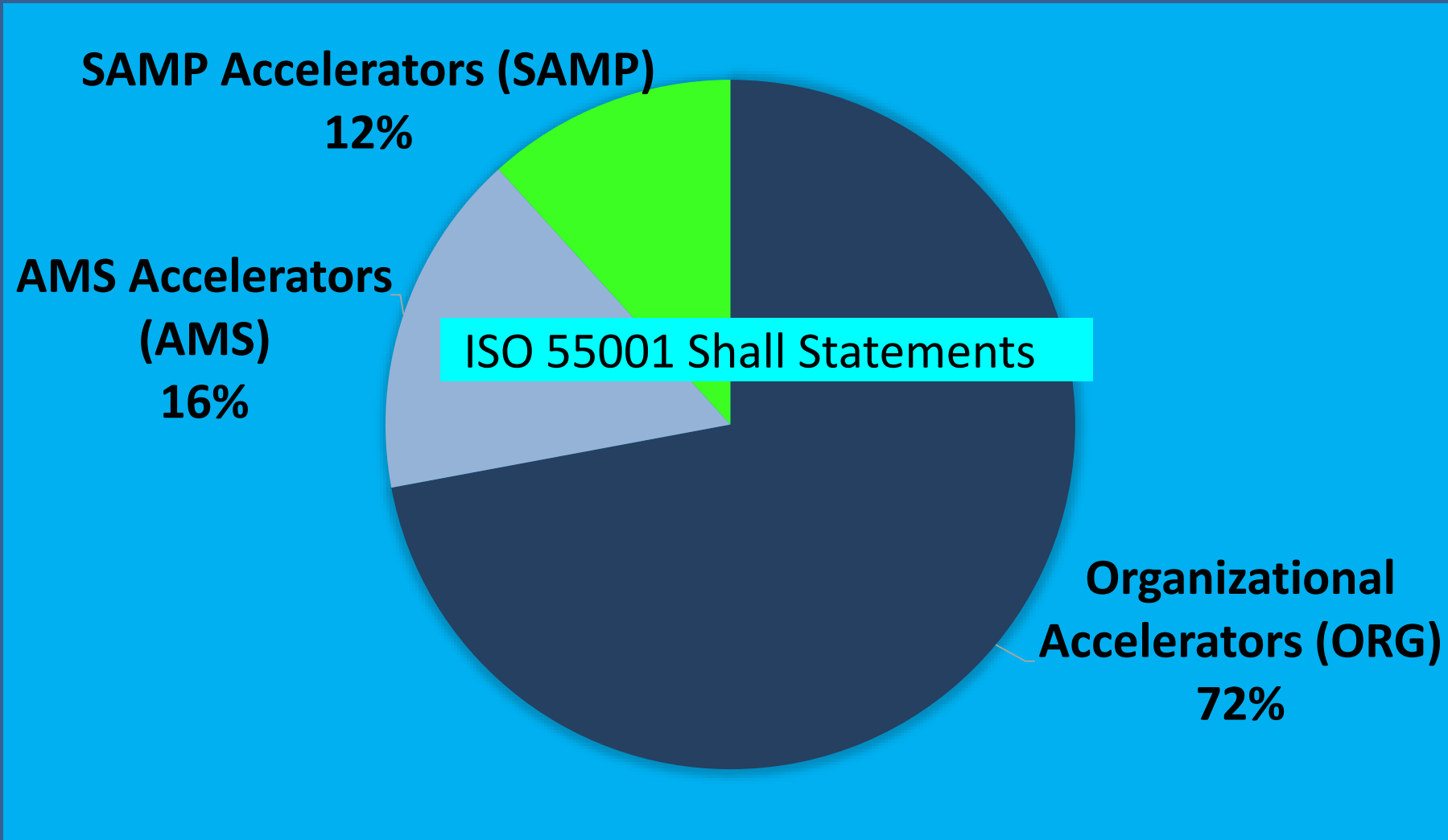
What are the leadership opportunities?

What about an accelerated approach?

A55K

- ALN ISO 55000 Professional Certification
 - Enables individuals to effectively participate in ISO 55000 implementations in their organizations
 - Plays well with other training and certification opportunities

Accelerated Approach AIM4AMS




AIM4AMS

- Accelerated Implementation Methodology for Asset Management Systems
- Shortened implementation timeframe for many organizations
- More focus on training and facilitating
- Less focus on consulting
- Builds on existing organizational systems and strengths
- Less repetition and duplication
- More clarity, less uncertainty

Crucial Issues of the Future

- The Environment

- 
- California wildfires
 - Failure of Asset Management
 - PG&E electricity business blamed
 - PG&E is ISO 55001 Certified
 - First in the US
 - For their gas business only
 - Because they had a previous disaster related to their gas distribution
 - Conclusion: Scope is very important!!!

Crucial Issues of the Future

- Wealth Distribution



2017

INFRASTRUCTURE REPORT CARD

ASCE Infrastructure Report Card:
USA Gets a D+



SUSTAINABLE DEVELOPMENT GOALS



Assets Play a BIG Part

Crucial Issues of the Future

- The Human-Machine Interface

IoT

What can I help you with?



IIOT



What will the future look like?

- Sapiens (and other books) by Yuval Noah Harari
 - The line between human and machine is becoming blurred
- Even now...
 - I have bionic eyes
 - My brother has a bionic knee
- What will be the results of nanotechnology?

Impact and Opportunity

Asset Management

- It's simple
- It's important
- It's the future



Asset Management is becoming a normal way
to think about things

And all of us are the experts

Impact and Opportunity

Your Impact

- Use the ideas and information you've collected
- Follow up with contacts you've made
- Act – know that you can make a difference

Your Opportunities

- Look for win-win-win solutions
- Stretch your knowledge and comfort level
- Be the catalyst. If not you, then who?

Gracias!

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