



Sustainable Communities
Sharing Knowledge

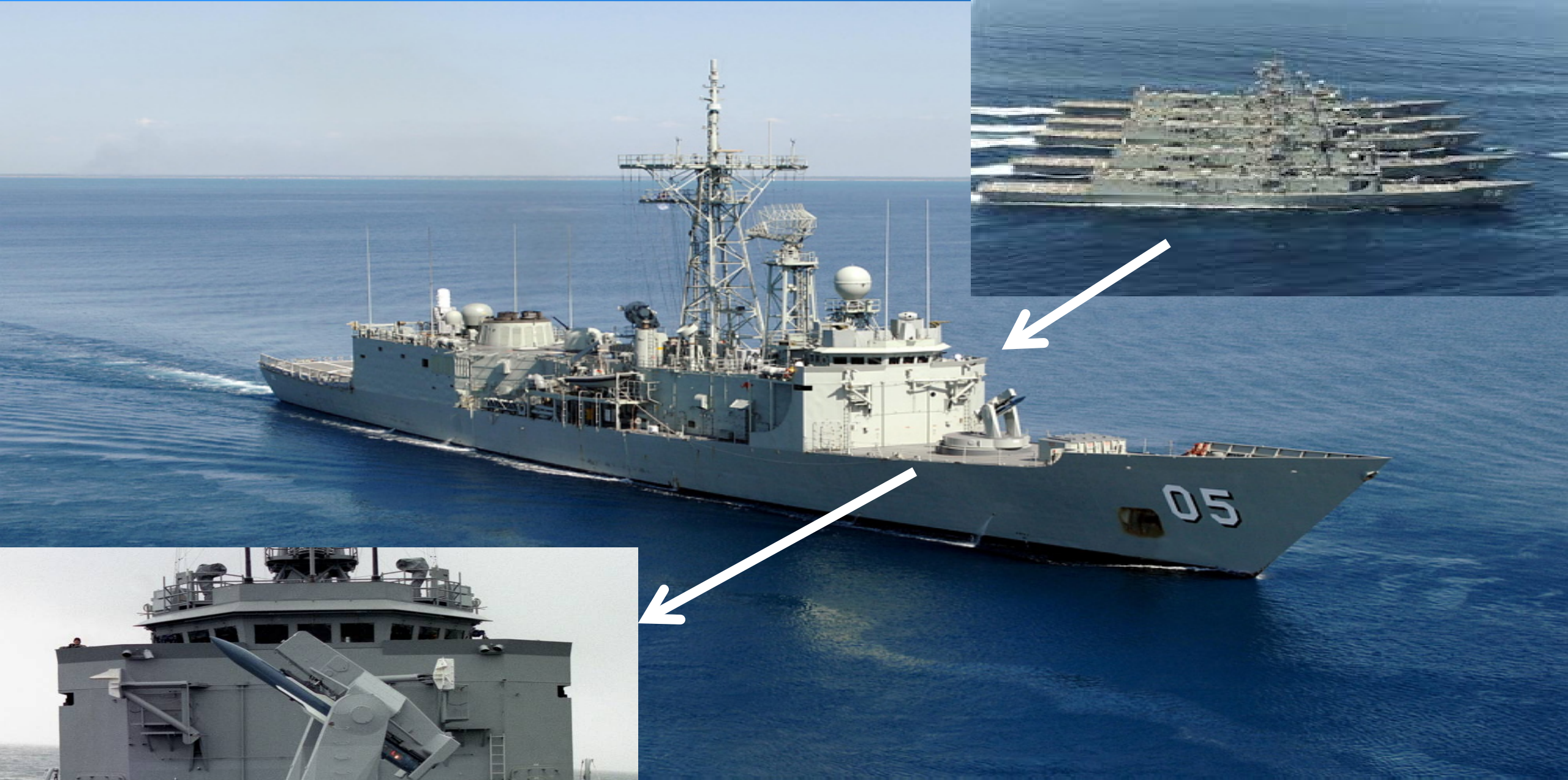
Leveraging Technology to Improve AM Capability

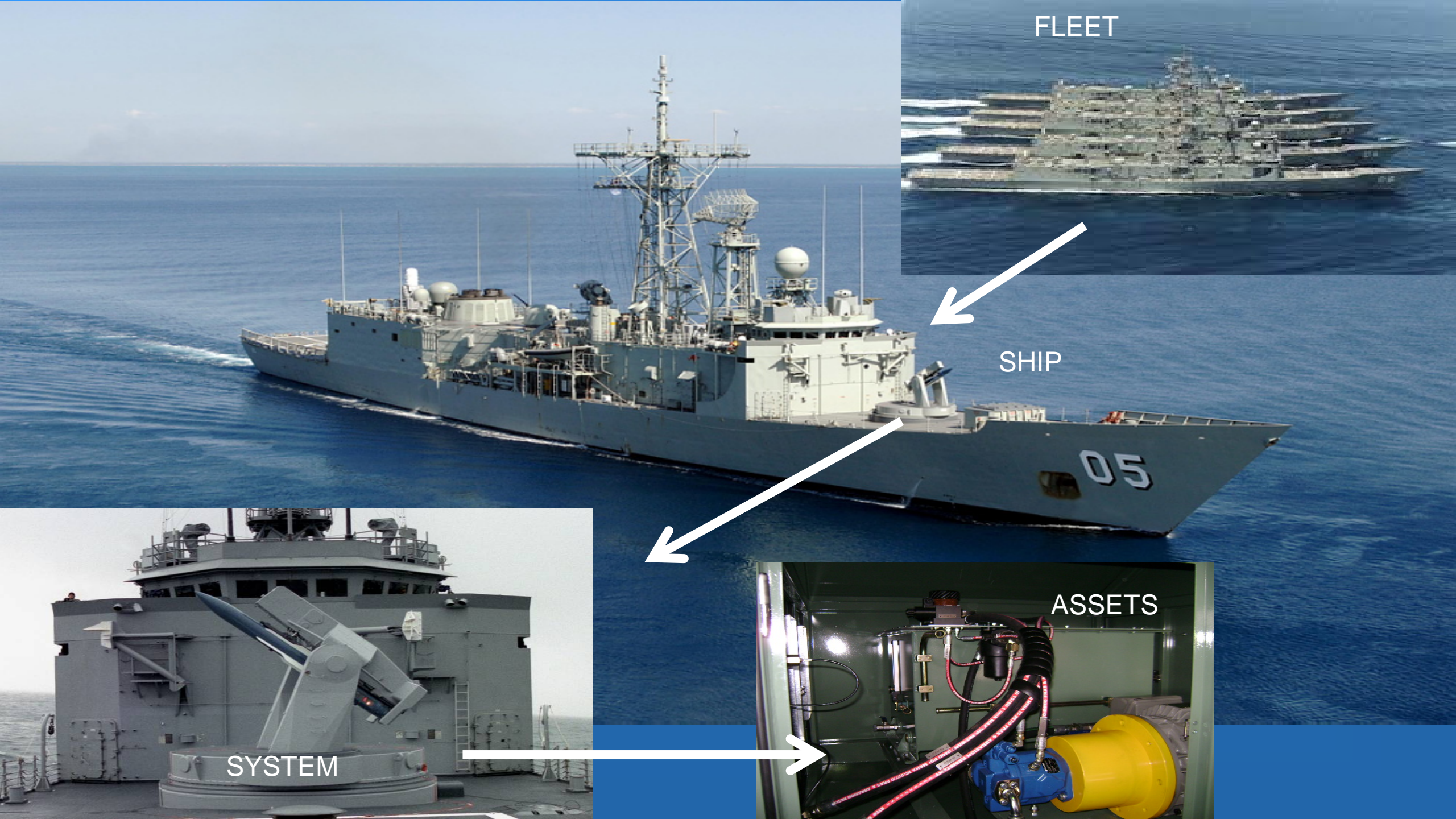
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Assetic Strategic Asset Management









FLEET

SHIP

SYSTEM

ASSETS



Pick any ship, in any fleet, and any system and you find

all the common assets are managed the same way

with common information and standard methods to ensure assets run at optimal performance.

They don't reinvent the wheel to manage common assets.



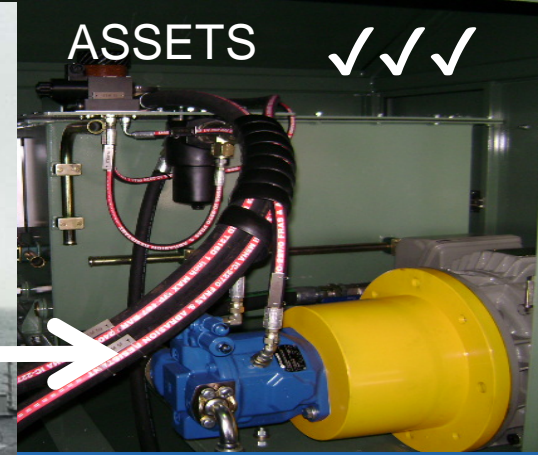
FLEET



SHIP



SYSTEM



ASSETS ✓✓✓

These systems are developed in Defence; by a lot of people, reliability engineering and maintenance analysis

These systems deliver proven asset performance and once adopted are accepted and embedded as 'the way things are done' allowing other areas to be focused on

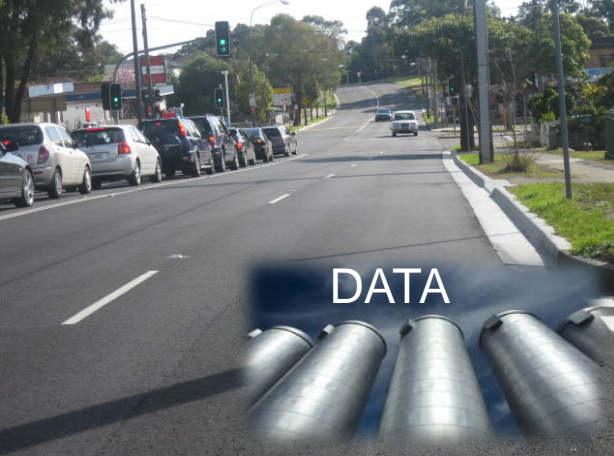
You may be wondering ... How does this relate to us ?

All over the globe people are working hard

building silos of information about their common assets

common assets like roads, pumps, buildings, pipes





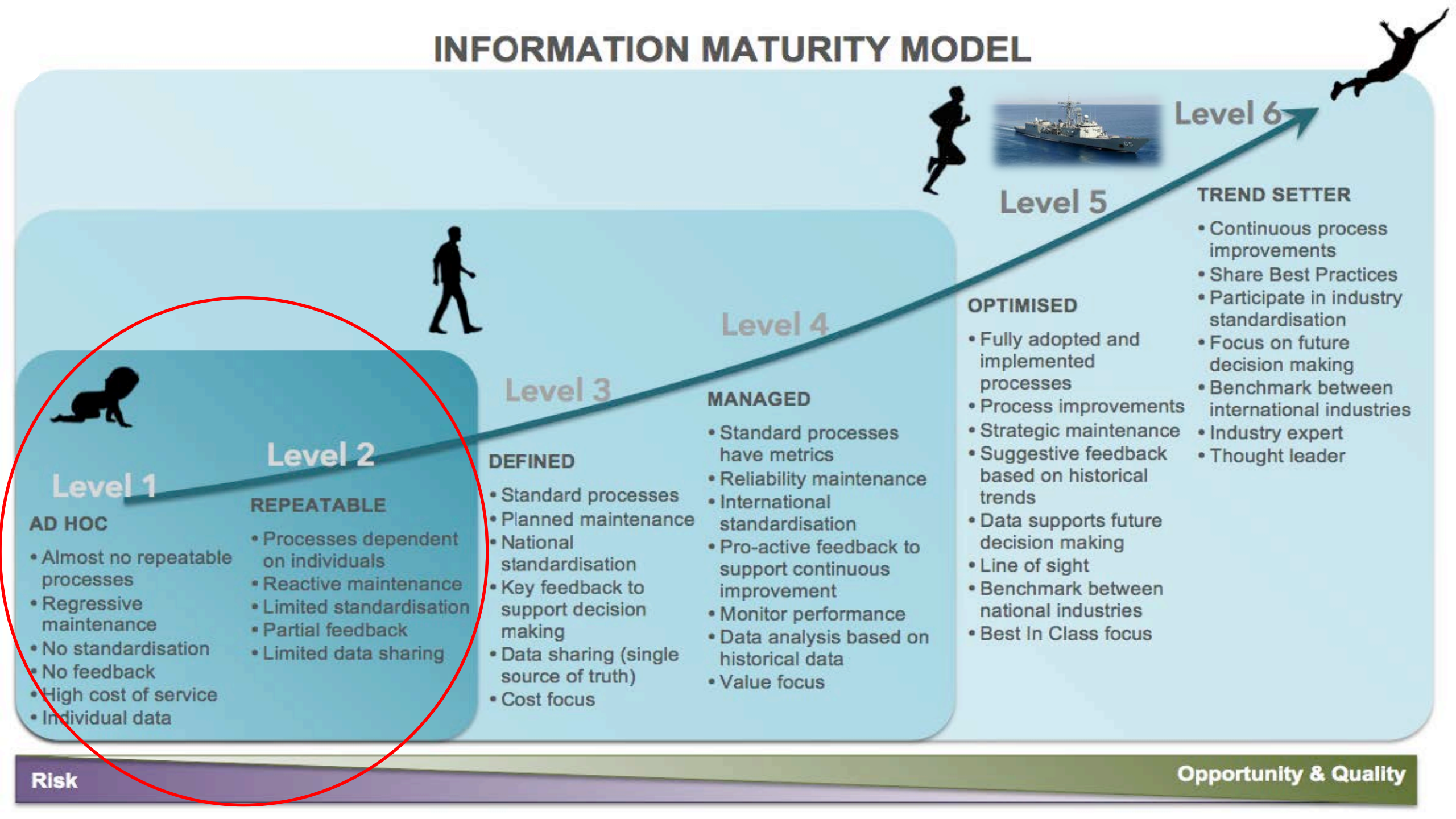
spending time building silos to manage common assets

they do this because common asset information is not readily available ..
they have no choice

imagine the time spent working to information every day on common assets, by asset
management people in asset organisations..

what's the impact of this duplicated effort ?

INFORMATION MATURITY MODEL



Level 1

AD HOC

- Almost no repeatable processes
- Regressive maintenance
- No standardisation
- No feedback
- High cost of service
- Individual data

Level 2

REPEATABLE

- Processes dependent on individuals
- Reactive maintenance
- Limited standardisation
- Partial feedback
- Limited data sharing

Level 3

DEFINED

- Standard processes
- Planned maintenance
- National standardisation
- Key feedback to support decision making
- Data sharing (single source of truth)
- Cost focus

Level 4

MANAGED

- Standard processes have metrics
- Reliability maintenance
- International standardisation
- Pro-active feedback to support continuous improvement
- Monitor performance
- Data analysis based on historical data
- Value focus

Level 5

OPTIMISED

- Fully adopted and implemented processes
- Process improvements
- Strategic maintenance
- Suggestive feedback based on historical trends
- Data supports future decision making
- Line of sight
- Benchmark between national industries
- Best In Class focus

Level 6

TREND SETTER

- Continuous process improvements
- Share Best Practices
- Participate in industry standardisation
- Focus on future decision making
- Benchmark between international industries
- Industry expert
- Thought leader

**We are working to
change that...**

We want to change information
capability from this...



to **capability**
like this...



and eventually like
this.



**We are working to
accelerate the common
capability...**

We will accelerate by...

- Leveraging the cloud, connectivity, benchmarking and analytics to **identify areas of asset excellence and share common asset information**
- Enabling best practices, processes, and knowledge to be shared across industry to leverage others strengths and **move beyond silo waste.**
- **Growing capability across industries with analytics** and benchmarked asset management data and processes

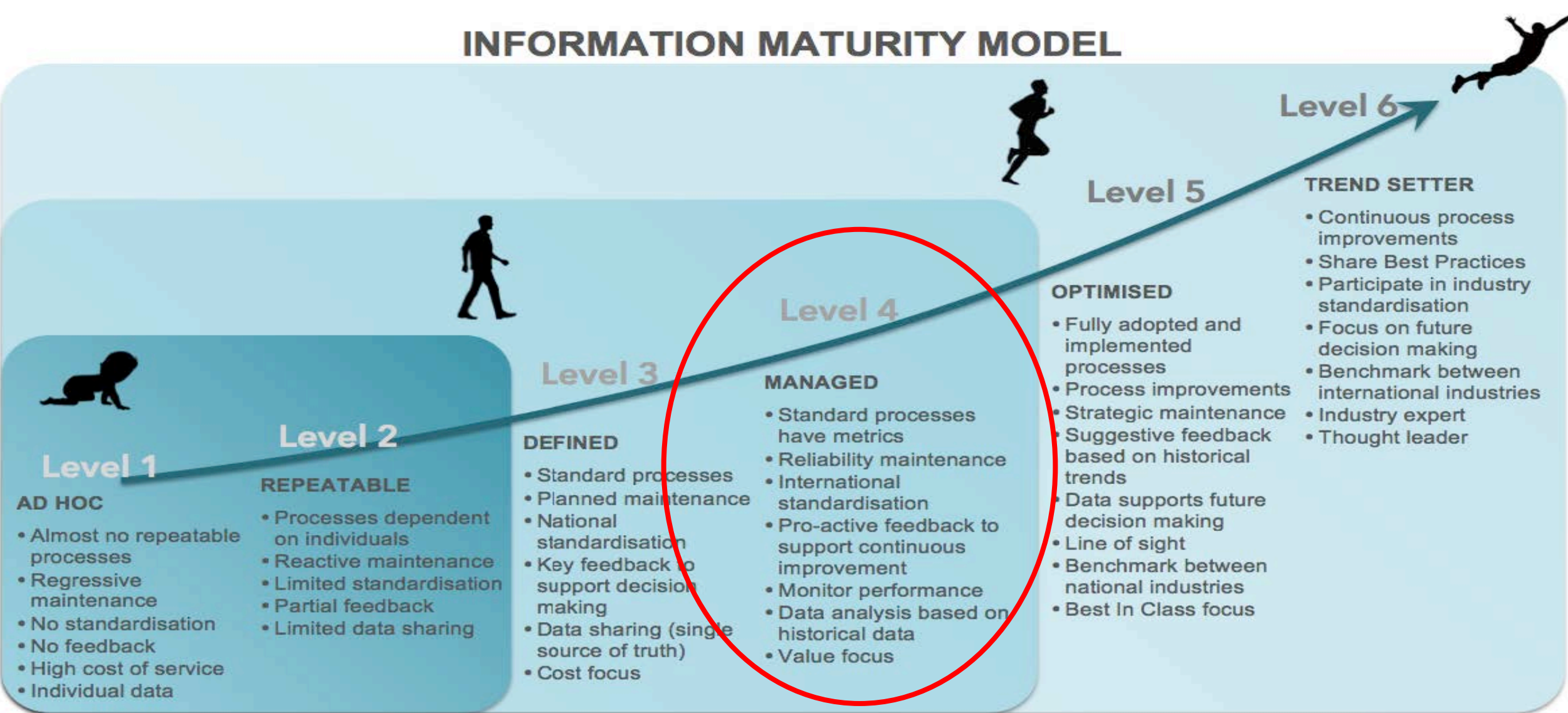
Asset Management As A Service...

..is the future of asset management.

- **Proven asset science**, workflows and standard data **embedded** in a cloud delivered information system – real knowledge at everyone's fingertips
 - Science like Condition Assessment Methods, Maintenance Strategies, Data Standards, Valuation Parameters, KPI's and Integrated Business Processes, Service Level Metrics, Life Cycle Profiles etc.
- **Asset Management As A Service** will enable capability improvement – Just add Assets!

Asset Management As A Service – Sets a baseline capability..

INFORMATION MATURITY MODEL



An Integrated Framework is key...

The Foundations of Asset Management As A Service in the Cloud



Outcomes:

Industry based, future oriented, informed decision making and 'line of sight' enablement

Reporting:

Information at the fingertips to support optimised decision making and management

Business Processes:

Accelerate with fit-for-purpose processes that are proven across different industries and allow effective collaboration within the industry

Asset Information and Data:

Knowledge management based on industry standards to allow benchmarking, analytics and optimised decision making

**capability benchmarks have lifted
we want more**

**to raise the bar
we need to leverage existing science**

**industry is looking to technology to
accelerate beyond the status quo**

The ability to improve capability..

- Customers are looking to **alternatives to improve services and fill knowledge and skill gaps**
- **We will remove the time wasted to develop proven wheels** and give time back for value adding activities
- Activities like optimising services, **innovating how we deliver AM**, and growing in the most efficient way.
 - Delivered in a cloud solution that is designed around ISO55X frameworks, connected to the internet of things, and **designed to accelerate capability**.

**Come chat about
the future!**

