# Building Blocks of Successful RAM

14th Transport Sector Coordinating Committee (TSCC) Meeting of the
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RAM Makes Your Investment Go Further

- Being good at RAM is not the same as having good assets
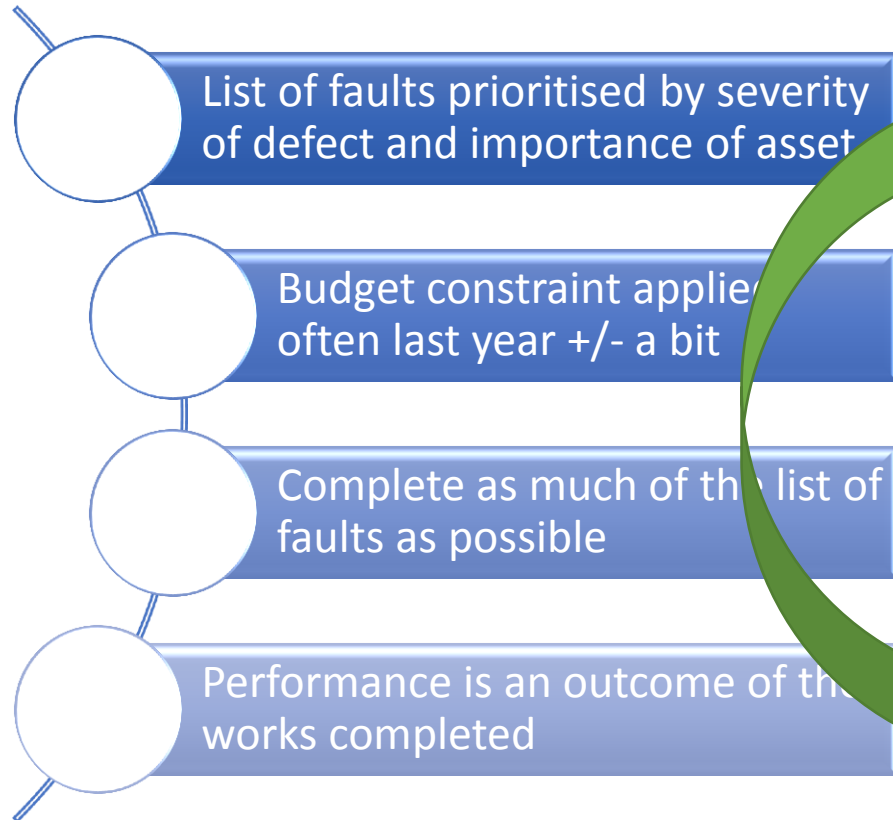- Good RAM enables you to leverage your investments to yield the maximum benefit
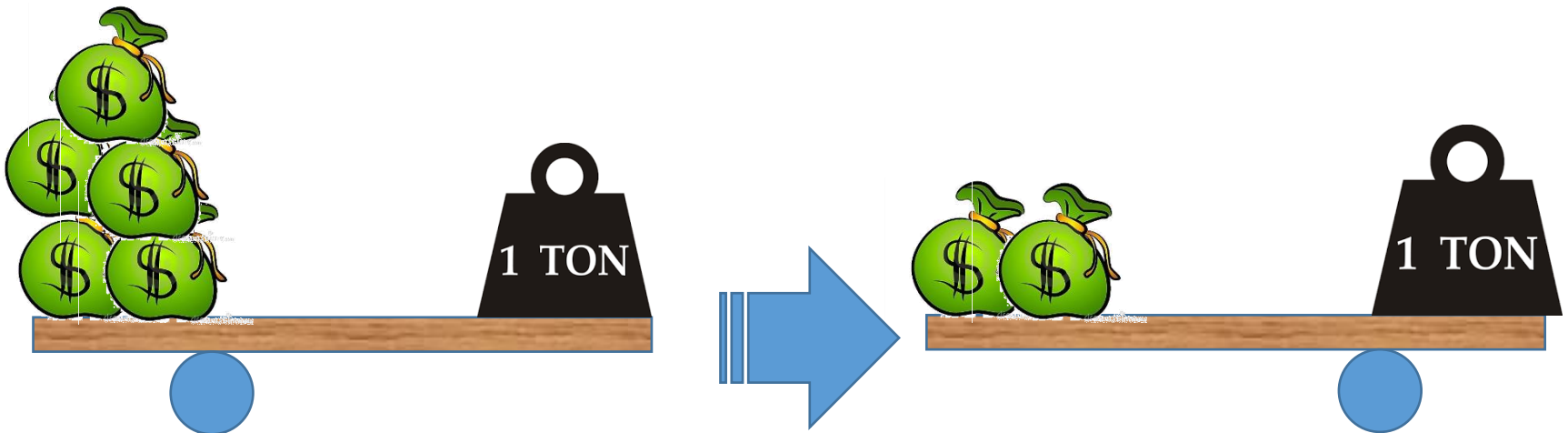
Good RAM increases your leverage.
It's that simple, and it's that hard.
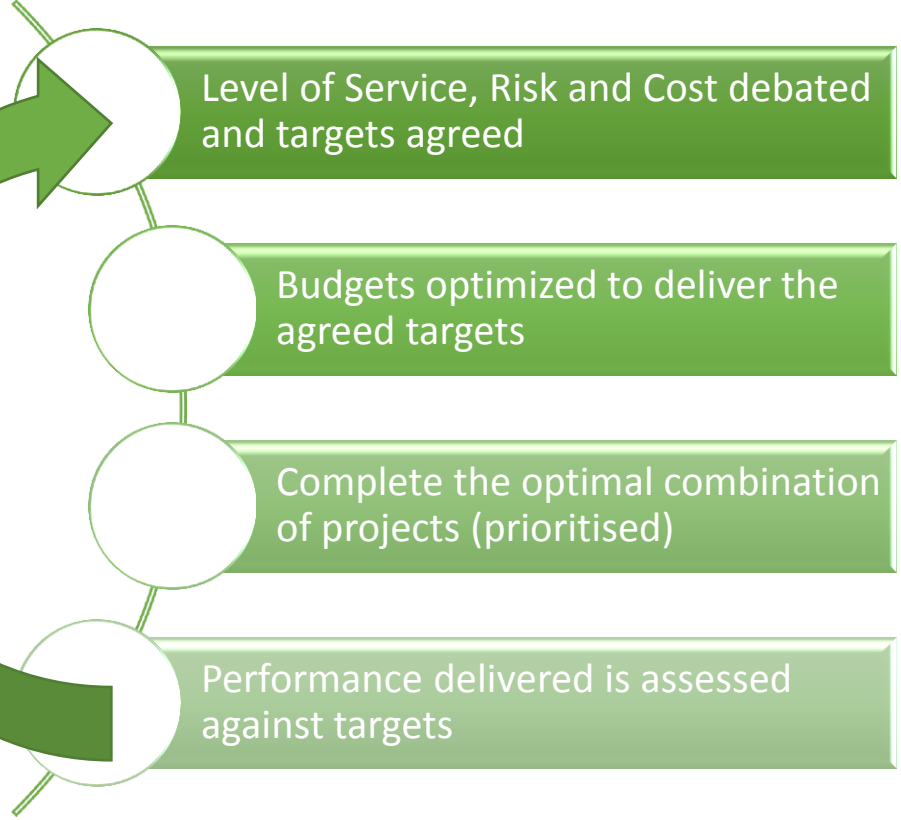
RAM: Art or Science?
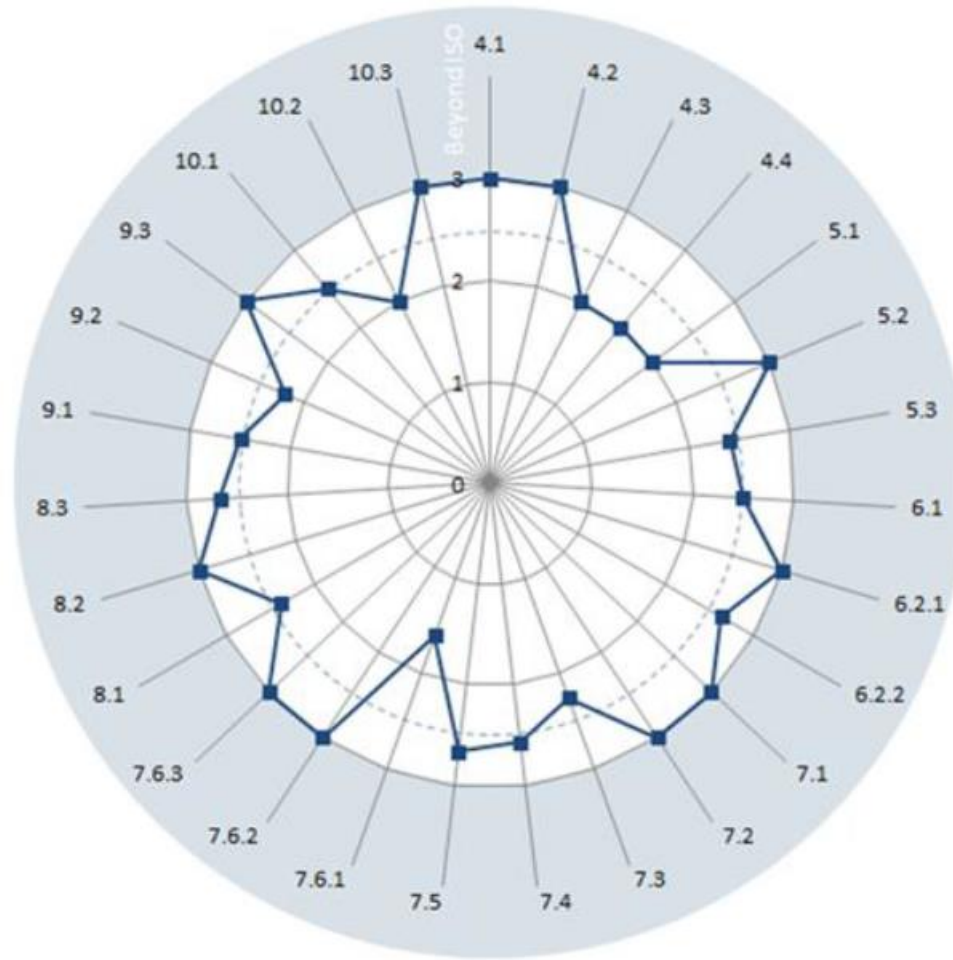
RAM is about Knowing Where You are Going

- From Maintenance Management
- To Asset Management

From Maintenance Management:

- List of faults prioritised by severity of defect and importance of asset
- Budget constraint applied often last year +/- a bit
- Complete as much of the list of faults as possible
- Performance is an outcome of the works completed

To Asset Management:

- Level of Service, Risk and Cost debated and targets agreed
- Budgets optimized to deliver the agreed targets
- Complete the optimal combination of projects (prioritised)
- Performance delivered is assessed against targets

Measure of Success

4.1	Understanding the organisation and its context
4.2	Understanding the needs and expectations of stakeholders
4.3	Determining the scope of the asset management system
4.4	Asset management system
5.1	Leadership and Commitment
5.2	Policy
5.3	Organisational roles, responsibilities and authorities
6.1	Actions to address risks and opportunities for the asset management system
6.2.1	Asset management objectives
6.2.2	Planning to achieve asset management objectives
7.1	Resources
7.2	Competences
7.3	Awareness
7.4	Communication
7.5	Information requirements
7.6.1	Documented information general
7.6.2	Creating and updating documented information
7.6.3	Control of documented information
8.1	Operational planning and control
8.2	Management of change
8.3	Outsourcing
9.1	Monitoring, measurement, analysis and evaluation
9.2	Internal audit
9.3	Management review
10.1	Nonconformity and corrective action
10.2	Preventive action
10.3	Continual improvement

Source: Institute of Asset Management www.theiam.org

Why Settle for Less Than Competence?

Innocent (0)
- The organisation has not recognised the need for this requirement and/or there is no evidence of commitment to put it in place

Aware (1)
- The organisation has identified the need for this requirement, and there is evidence of intent to progress it.

Developing (2)
- The organisation has identified the means of systematically and consistently achieving the requirements, and can demonstrate that these are being progressed with credible and resourced plans in place.

Competent (3)
- The organisation can demonstrate that it systematically and consistently achieves relevant requirements set out in ISO 55001.

Optimising (4)
- The organisation can demonstrate that it is systematically and consistently optimising its asset management practice, in line with the organisation's objectives and operating context.

Excellent (5)
- The organisation can demonstrate that it employs the leading practices, and achieves maximum value from the management of its assets, in line with the organisation's objectives and operating context.

RAM Conceptual Model
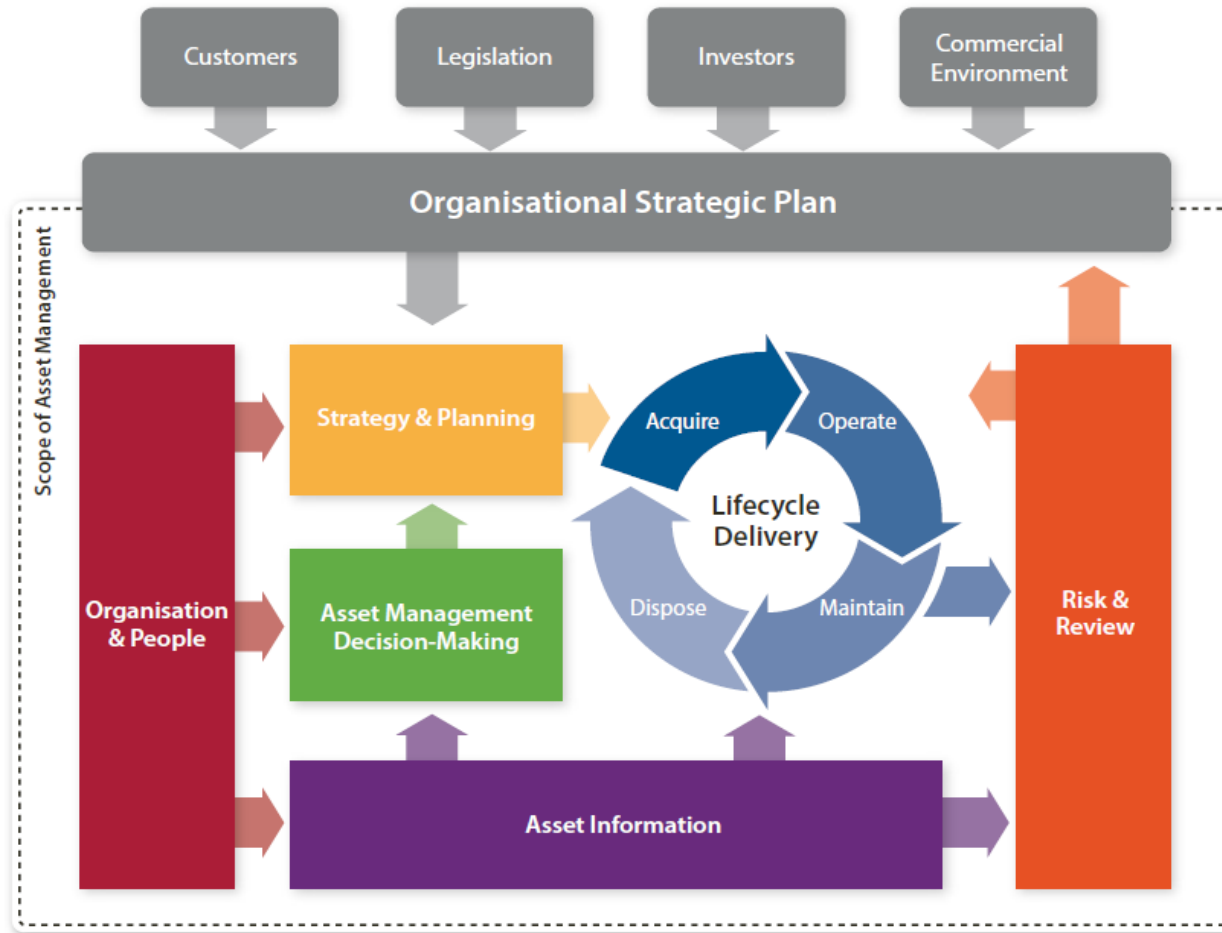
Source: Institute of Asset Management www.theiam.org

Summary

- RAM is an organisation wide activity
  - Too diverse a skill set for one team or person to do
- Needs clear and strong leadership if to be implemented
- There are clear guidelines and standards to follow

- Set 'competency' as your minimum standard.

Thank you

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