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CME 201 TOPIK DALAM IT GOVERNANCE
PERTEMUAN 6-7
PROGRAM STUDI MAGISTER ILMU KOMPUTER
FAKULTAS ILMU KOMPUTER

INDIKATOR

Mahasiswa dapat :

- Memahami manfaat dari Integrated IT Governance Framework
- Memahami Integrated IT Governance Framework and Roadmap
- Memahami contoh strategi bisnis/IT dan best practice tata kelola IT berupa model, framework, dan standar

What is 'IT Governance'?

It is ...

the responsibility of the board and executive

It consists of...

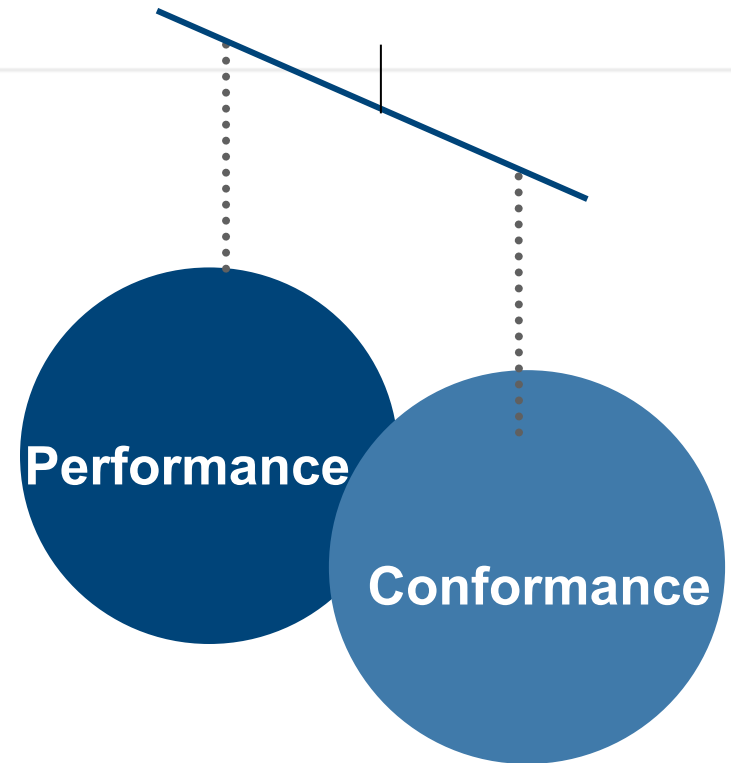
The leadership, organisational structures & processes...

to ensure that the enterprise's IT...
sustain and extend organisational strategies & objectives.

Enterprise governance drives IT governance

Enterprise governance is about:

- Conformance
 - Adhering to legislation, internal policies, audit requirements, etc.
- Performance
 - Improving profitability, efficiency, effectiveness, growth, etc.



Enterprise governance and IT governance require a balance between conformance and performance goals directed by the board.

What is the 'governance of outsourcing'?

The responsibilities, roles, objectives, interfaces & controls required...

to anticipate change and ...

manage the introduction, maintenance, performance, costs and control of third-party provided services.

LITERATURE REVIEW OF SELECTED CODES, FRAMEWORKS, STANDARDS AND BEST PRACTICES

King III requirements – the link between IT governance practices and law

- Directors' duty of care: ensure prudent and reasonable steps taken re IT governance.
- Corporate governance practices, codes and guidelines lift the bar of what are regarded as appropriate standards of conduct.
- Failure to meet a recognised standard of governance, albeit not legislated, may render a board or individual director liable at law.

King III requirements: IT governance

- IT governance...
 - is the responsibility of the board;
 - should be an integral part of enterprise governance structures;
 - should be owned by the board.
- The board must set the management direction. Required to...
 - assume more significant role in terms of IT governance, and
 - insist on establishment of an IT governance management framework:
 - To be based on a common approach, eg. COBIT.

King III requirements: IT Governance focus areas

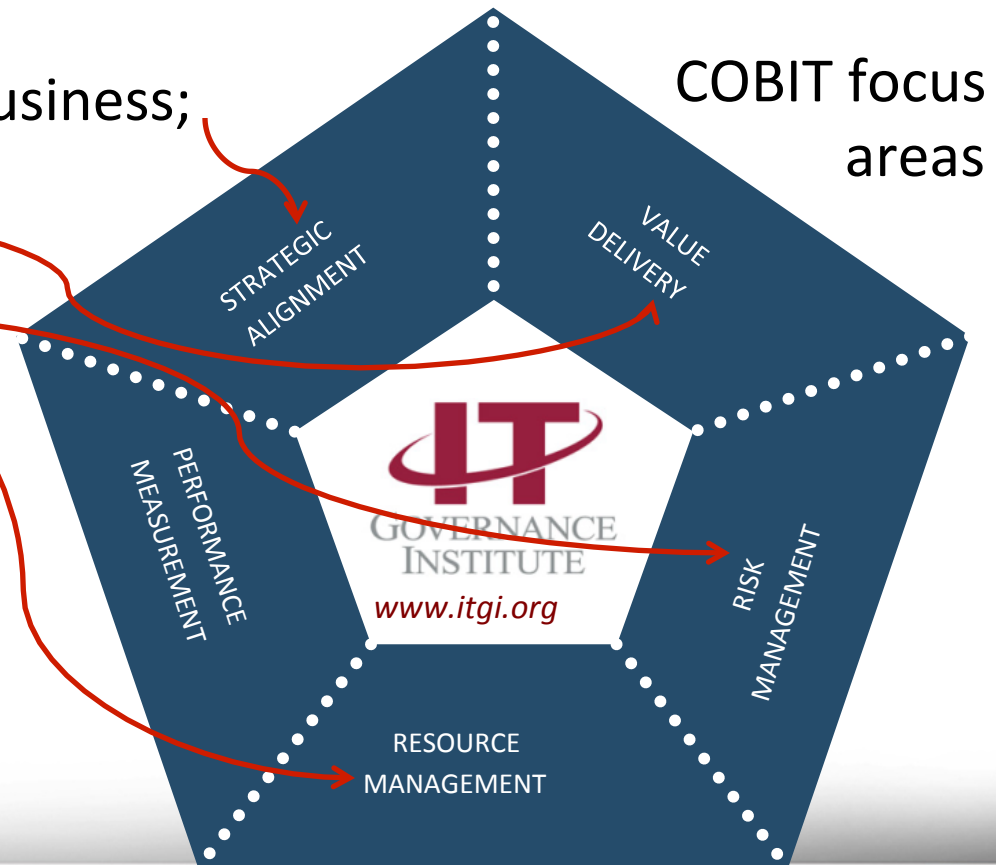
IT governance should focus on four key areas:

- strategic alignment with business;
- value delivery;
- risk management; and
- resource management.

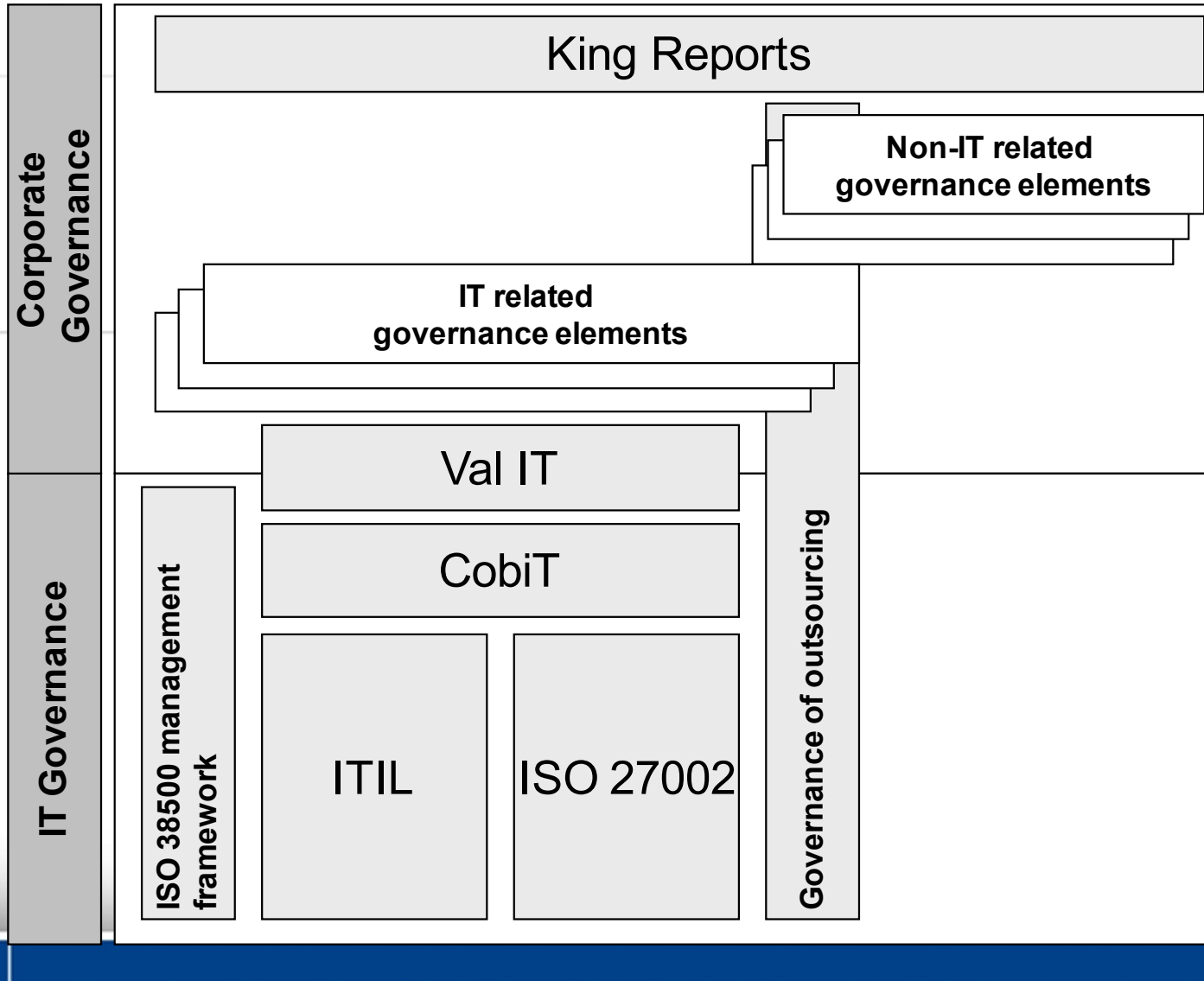
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Context: Best Practices

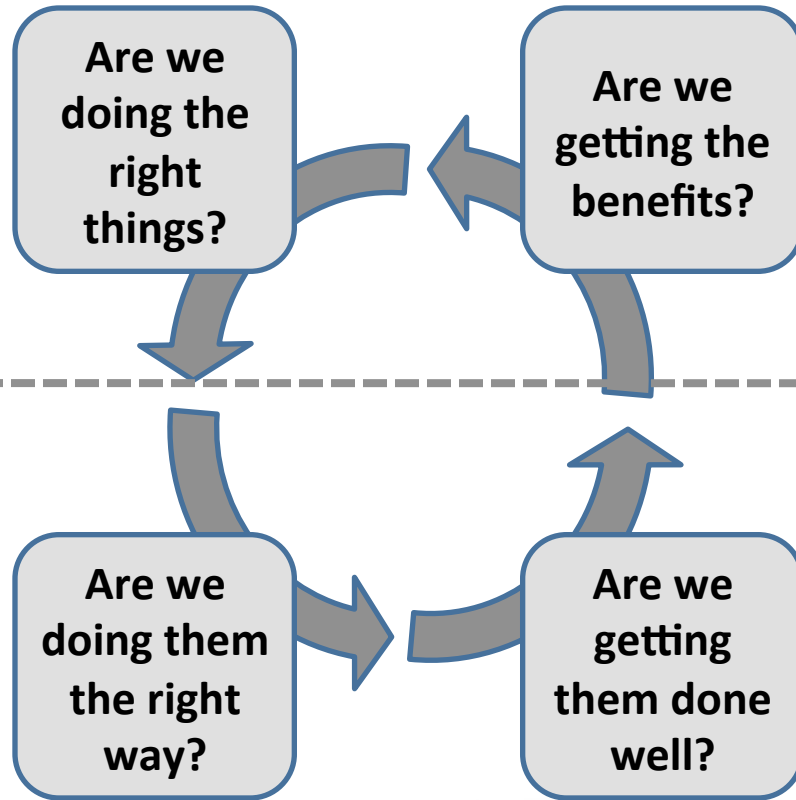


Context: COBIT and VAL IT

COBIT
VAL IT

The strategic question

The value question.

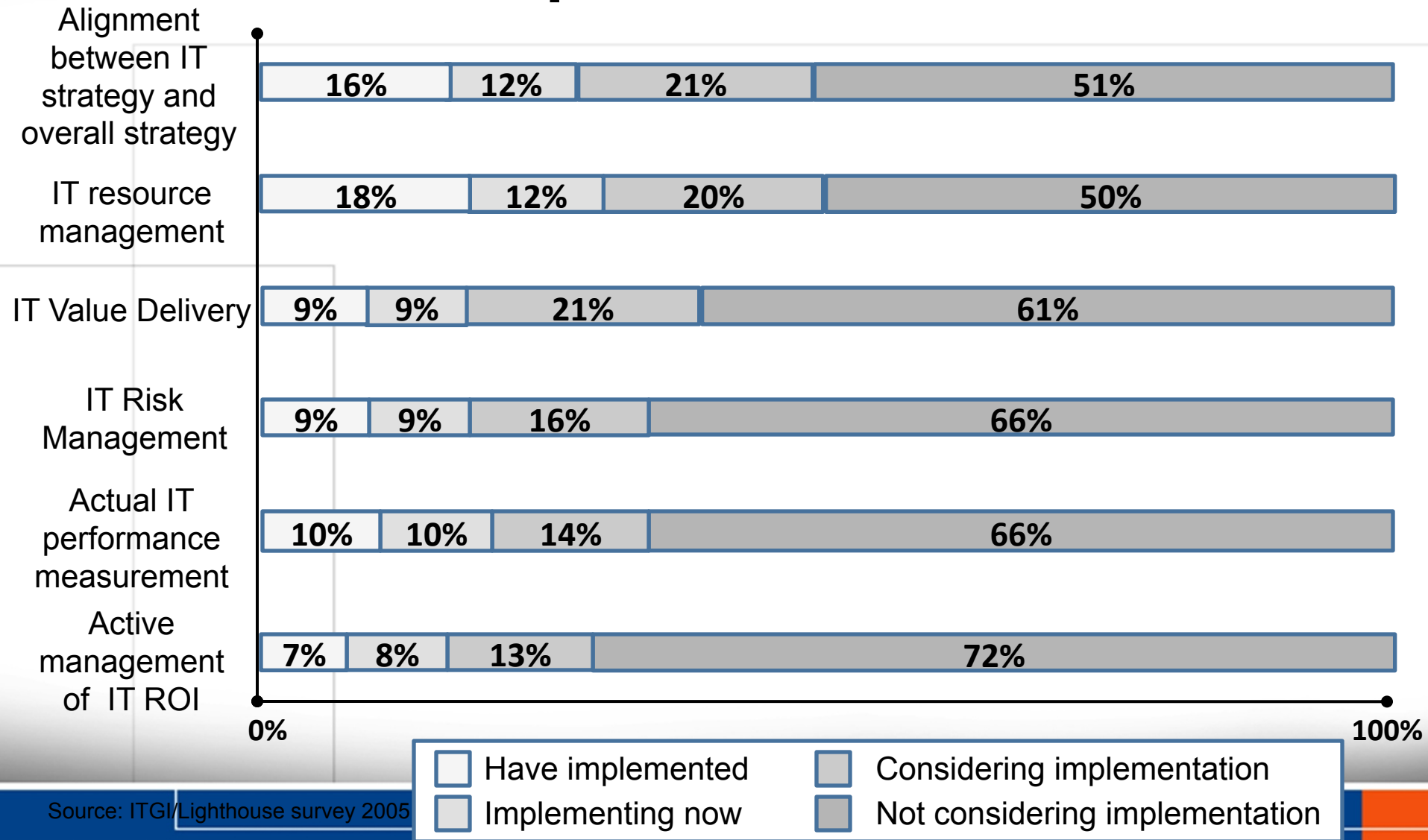


The architecture question

The delivery question

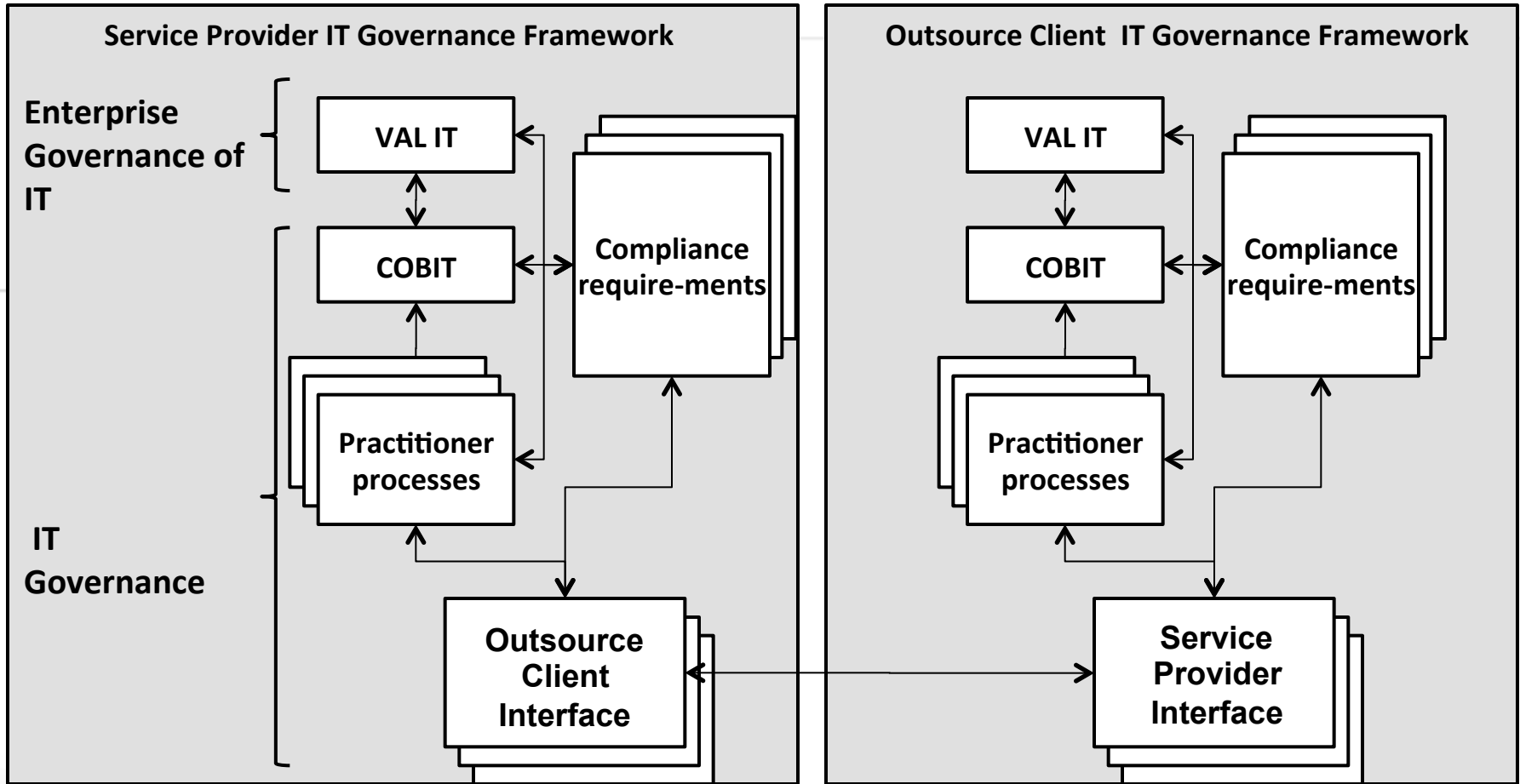
INDUSTRY APPLICATION OF GOVERNANCE CONCEPTS

Status: IT Governance Best Practise Implementation

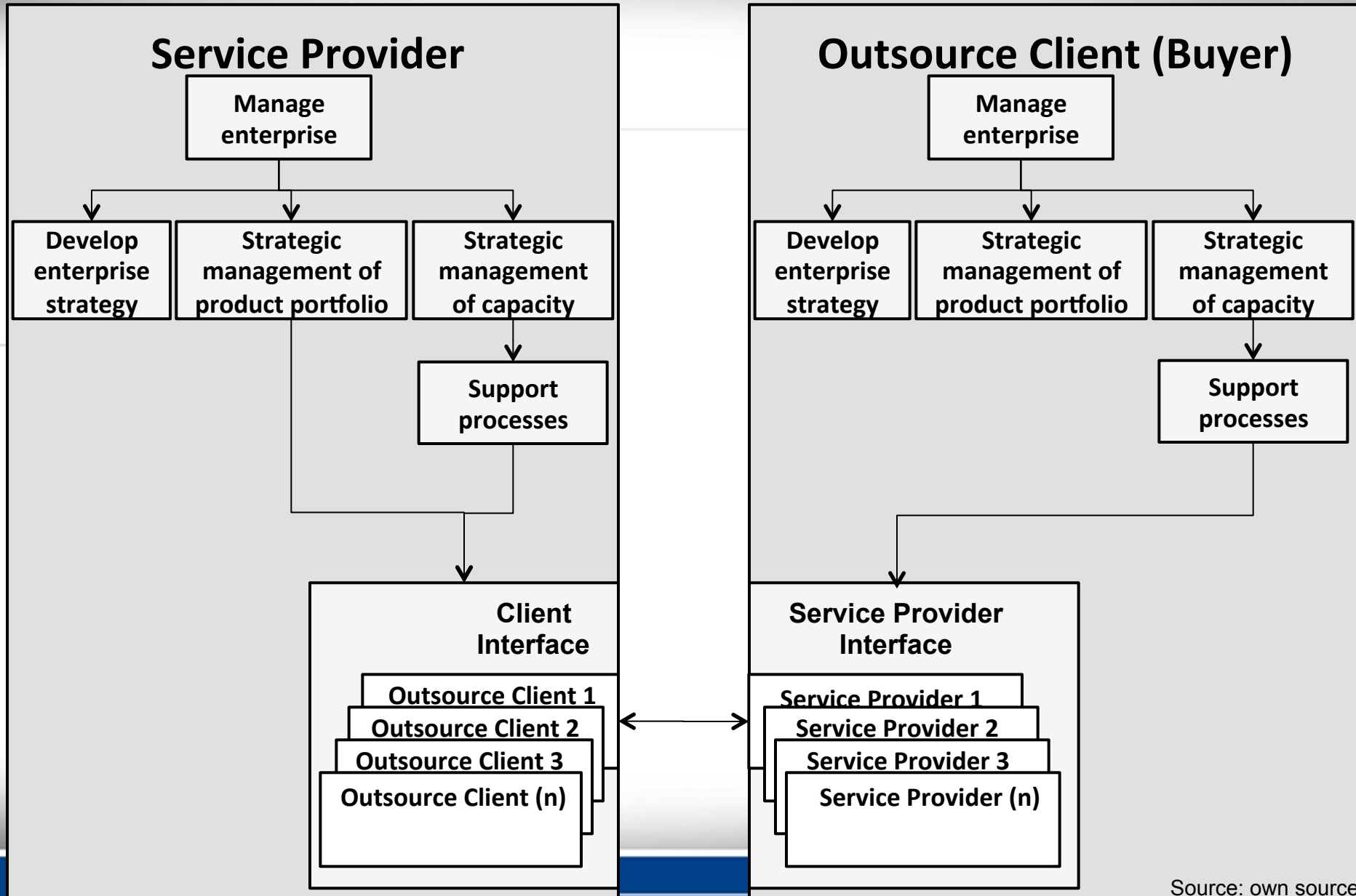


GENERIC GOVERNANCE FRAMEWORK FOR IT AND OUTSOURCING

Generic governance model

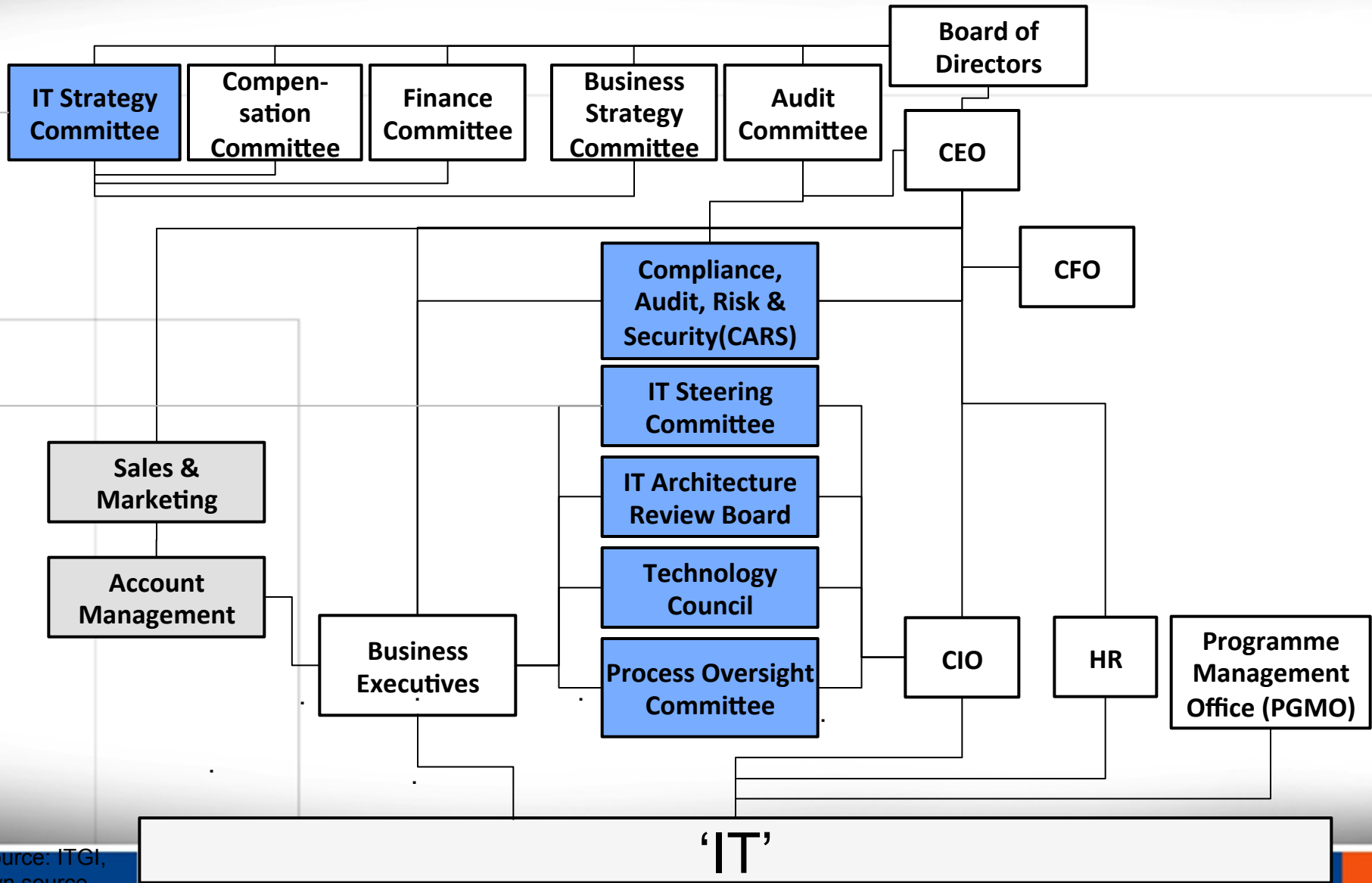


Generic process model



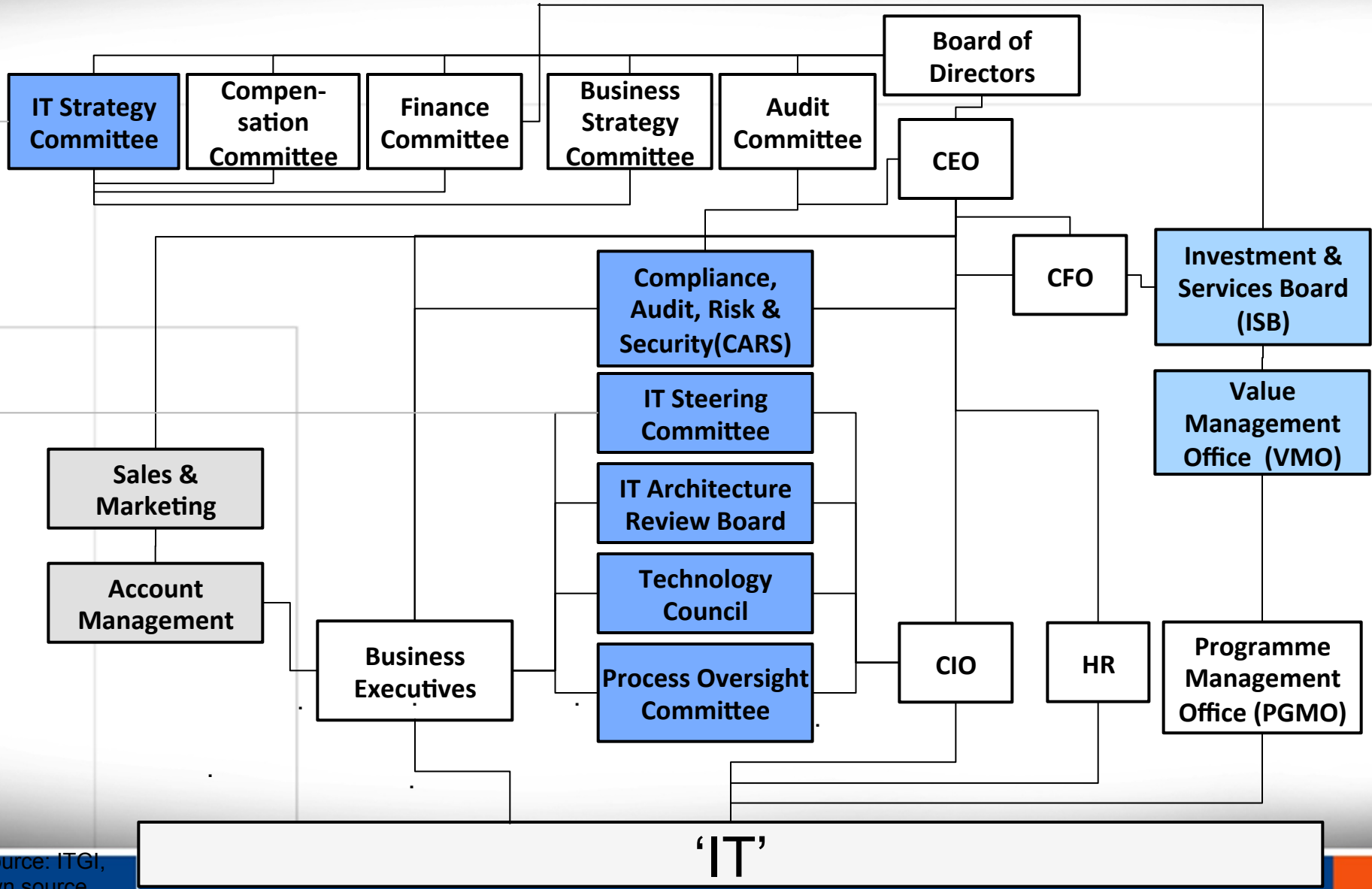
IT governance interrelationships

(service provider perspective)



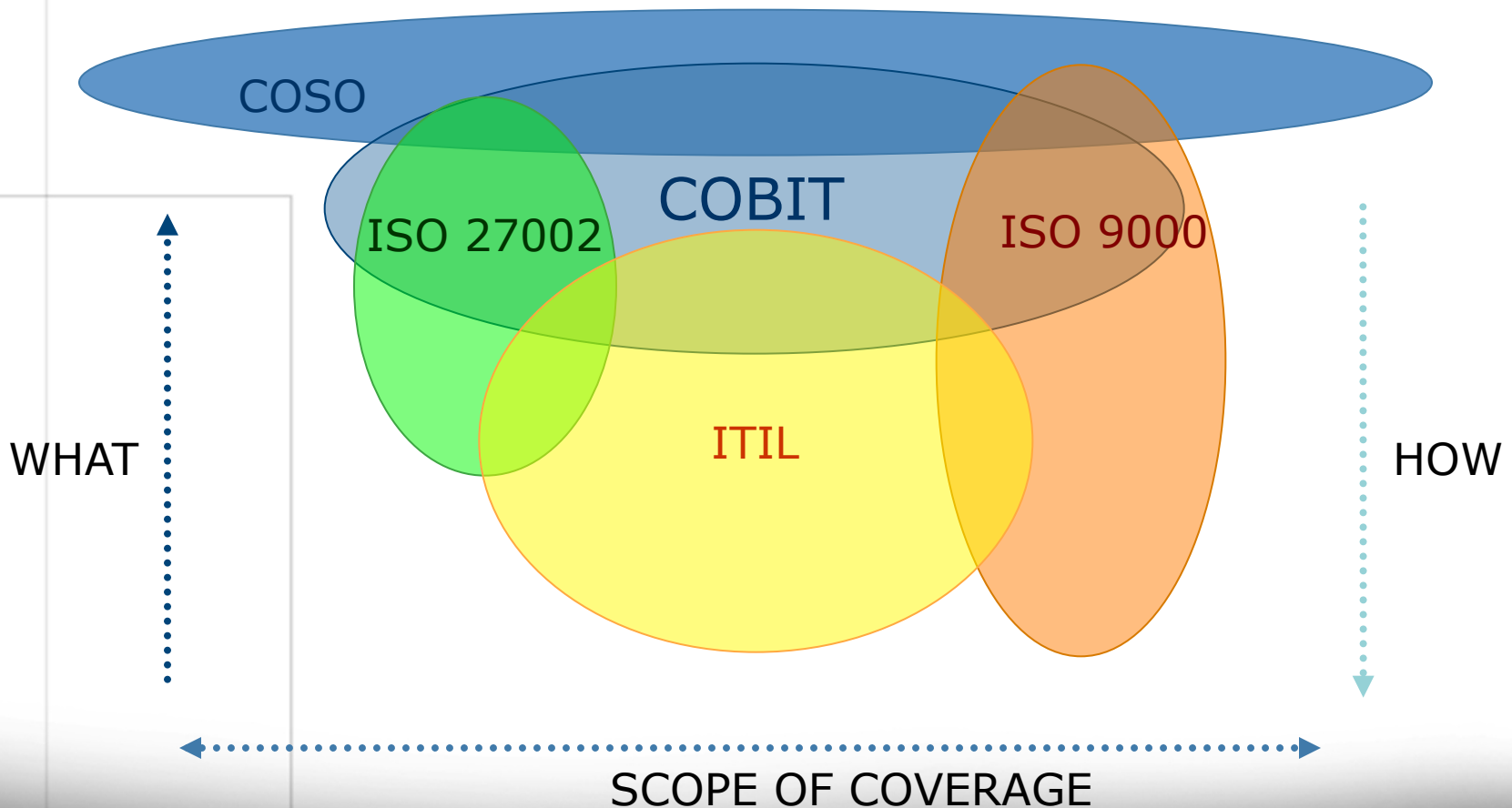
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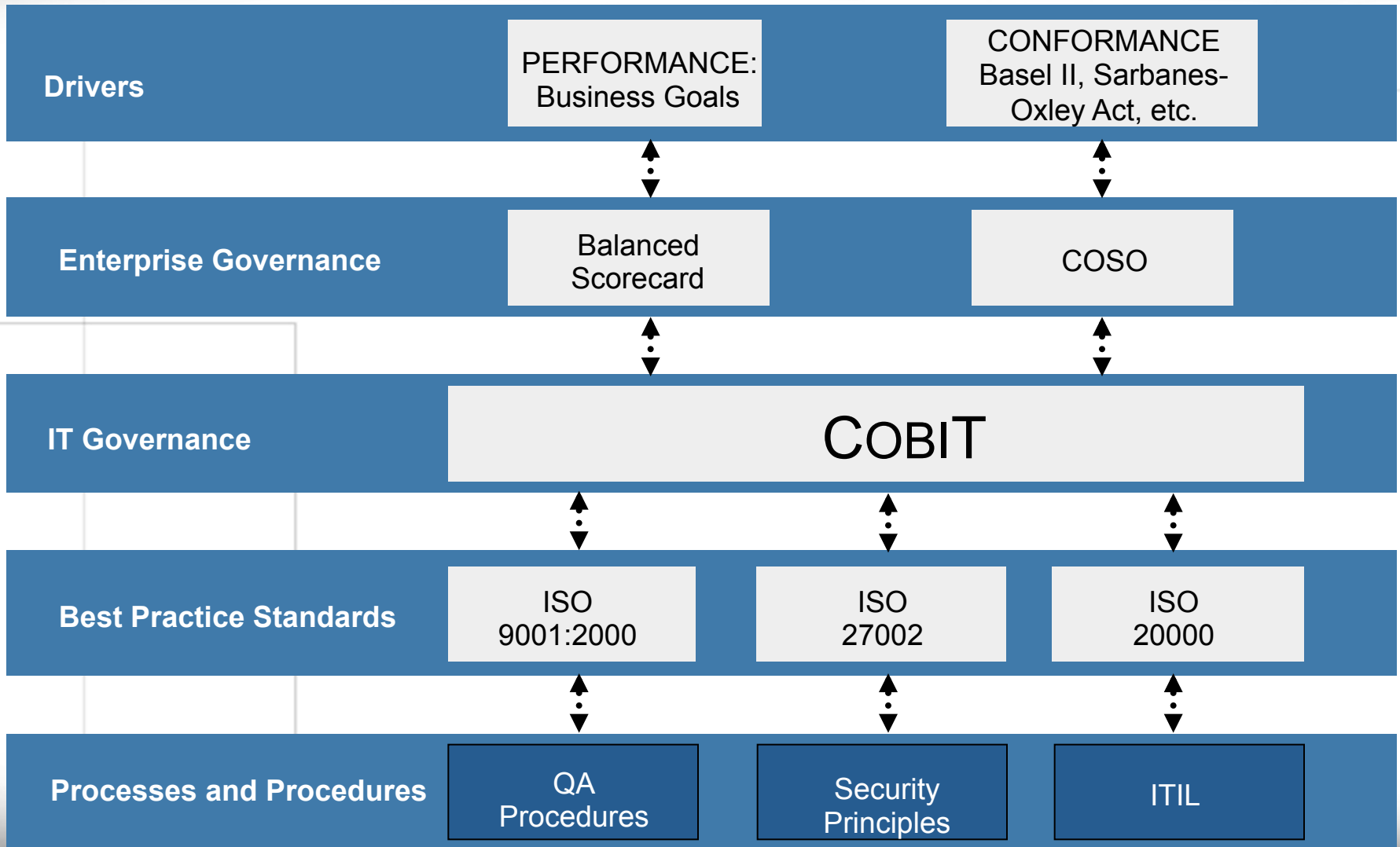


COBIT & Other IT Management Frameworks

Organisations will consider and use a variety of IT models, standards and best practices. These must be understood in order to consider how they can be used together, with COBIT acting as the consolidator ('umbrella').

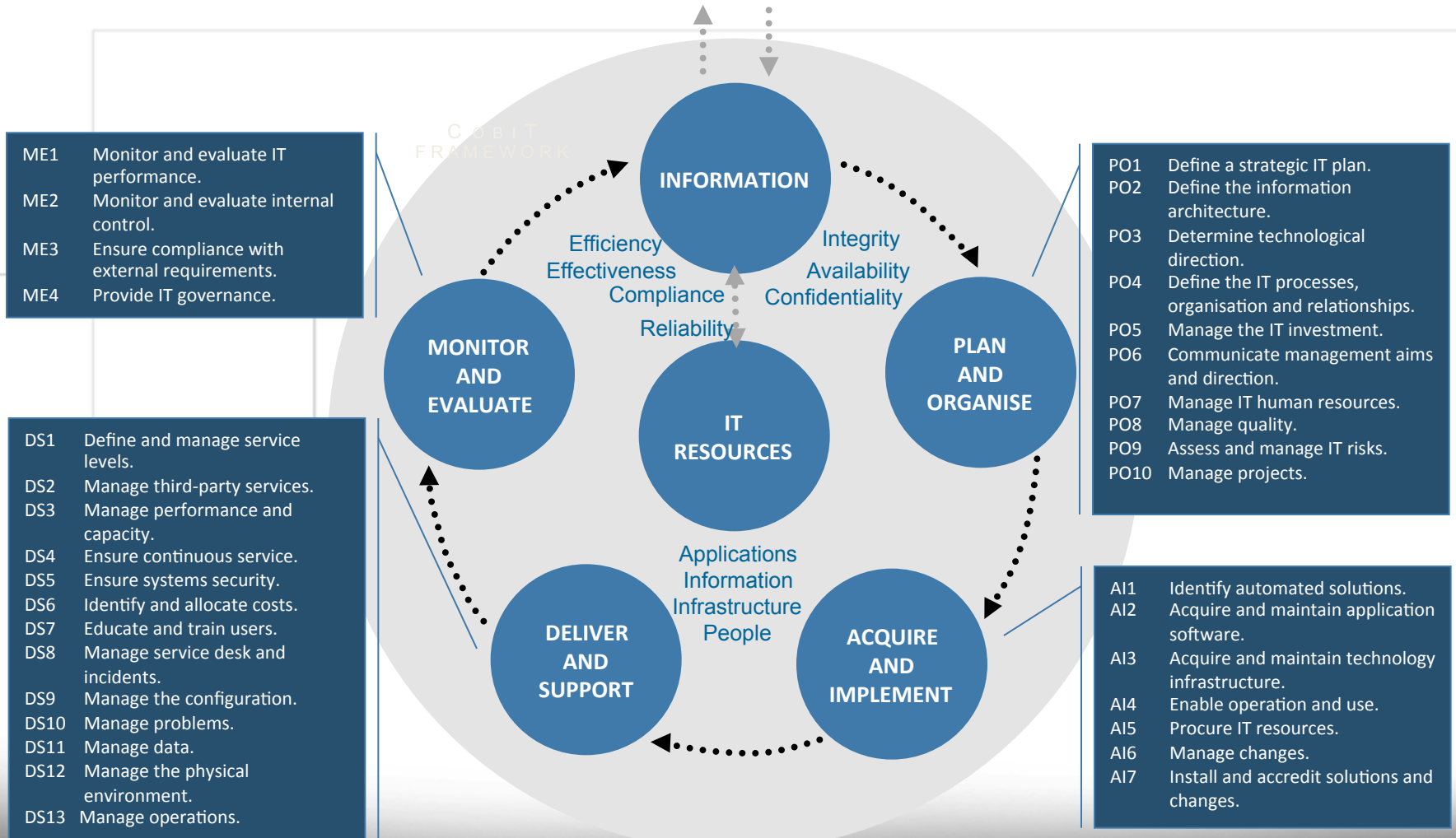


Where Does COBIT Fit?

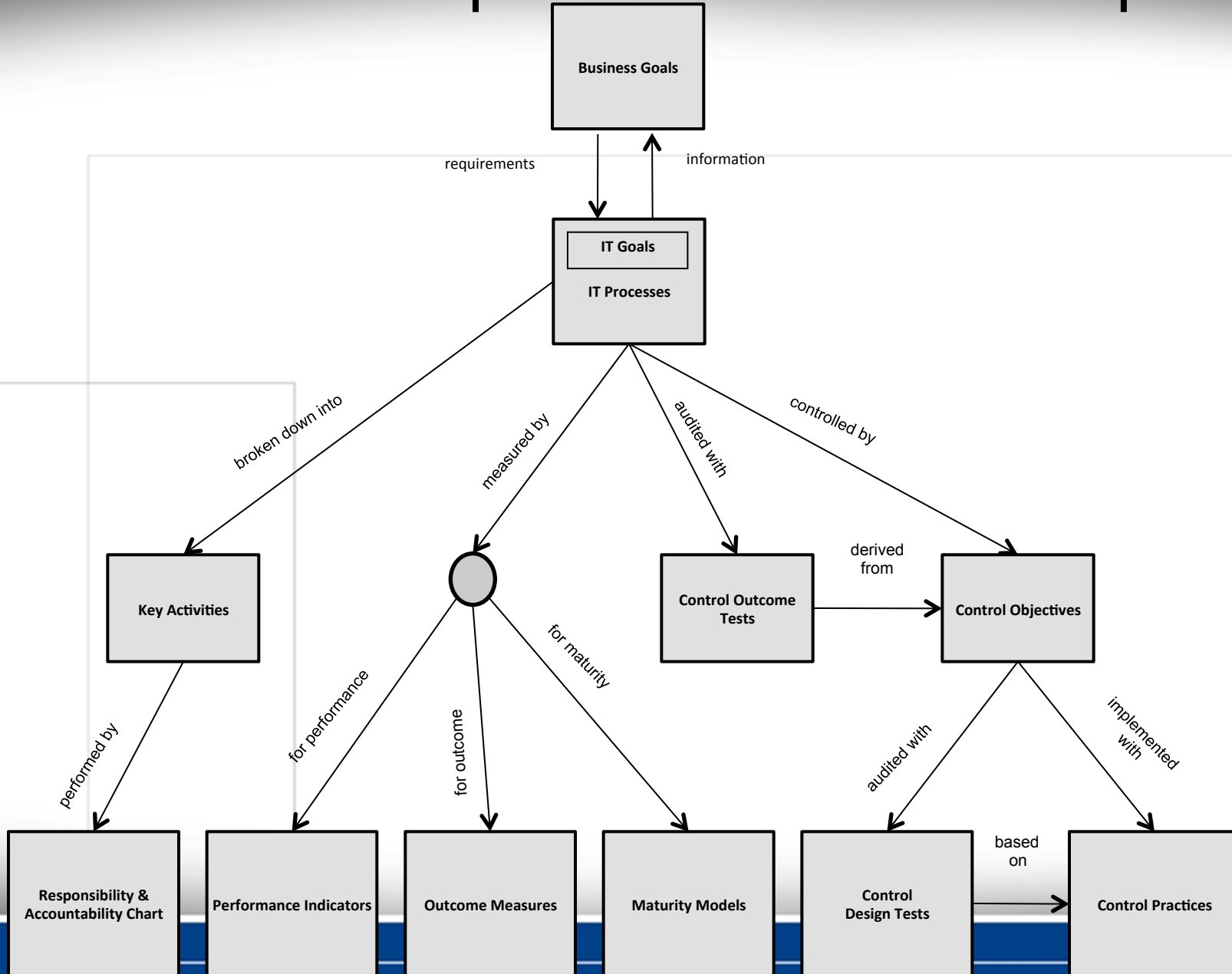


COBIT Framework

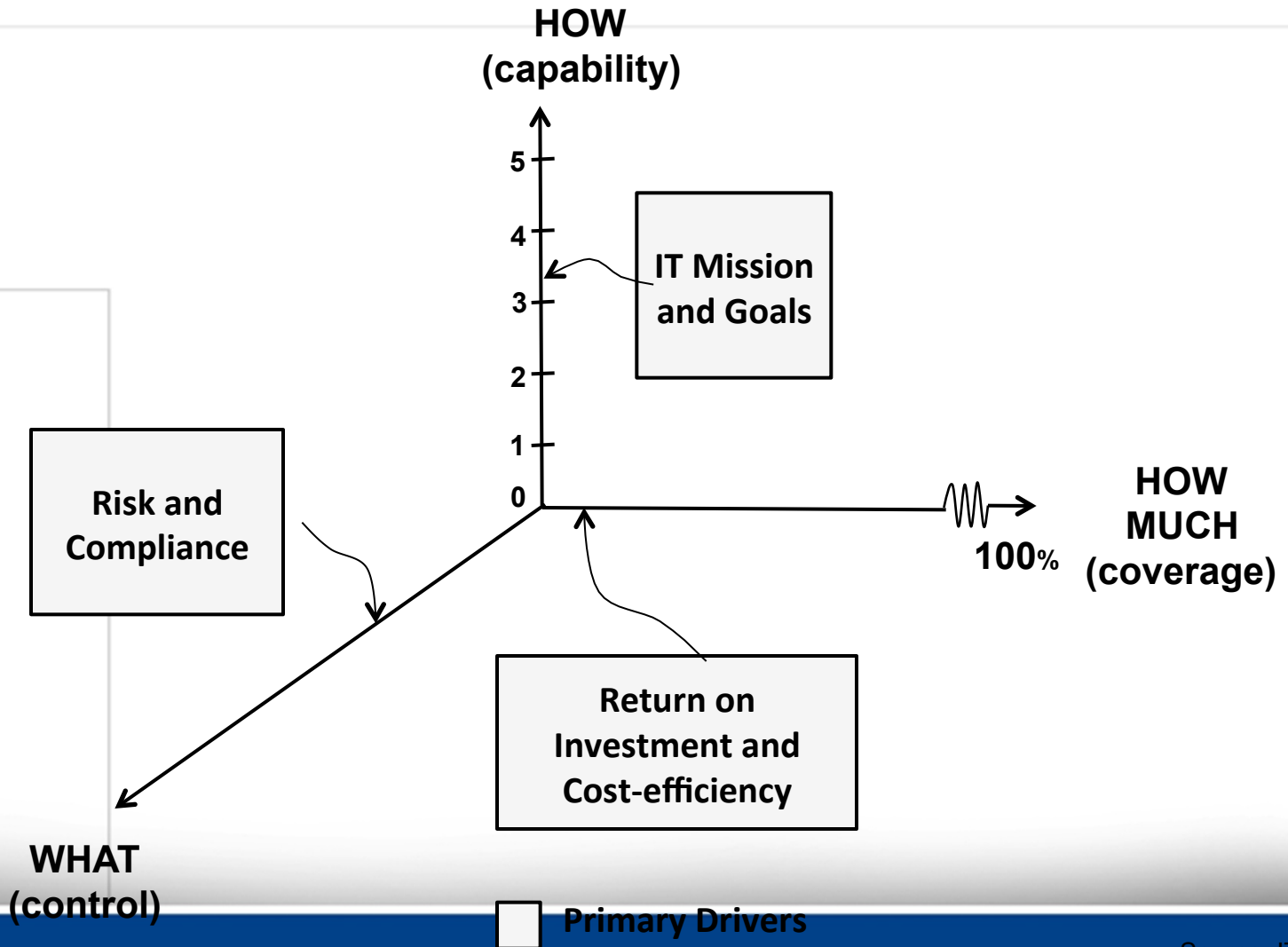
BUSINESS OBJECTIVES AND GOVERNANCE OBJECTIVES



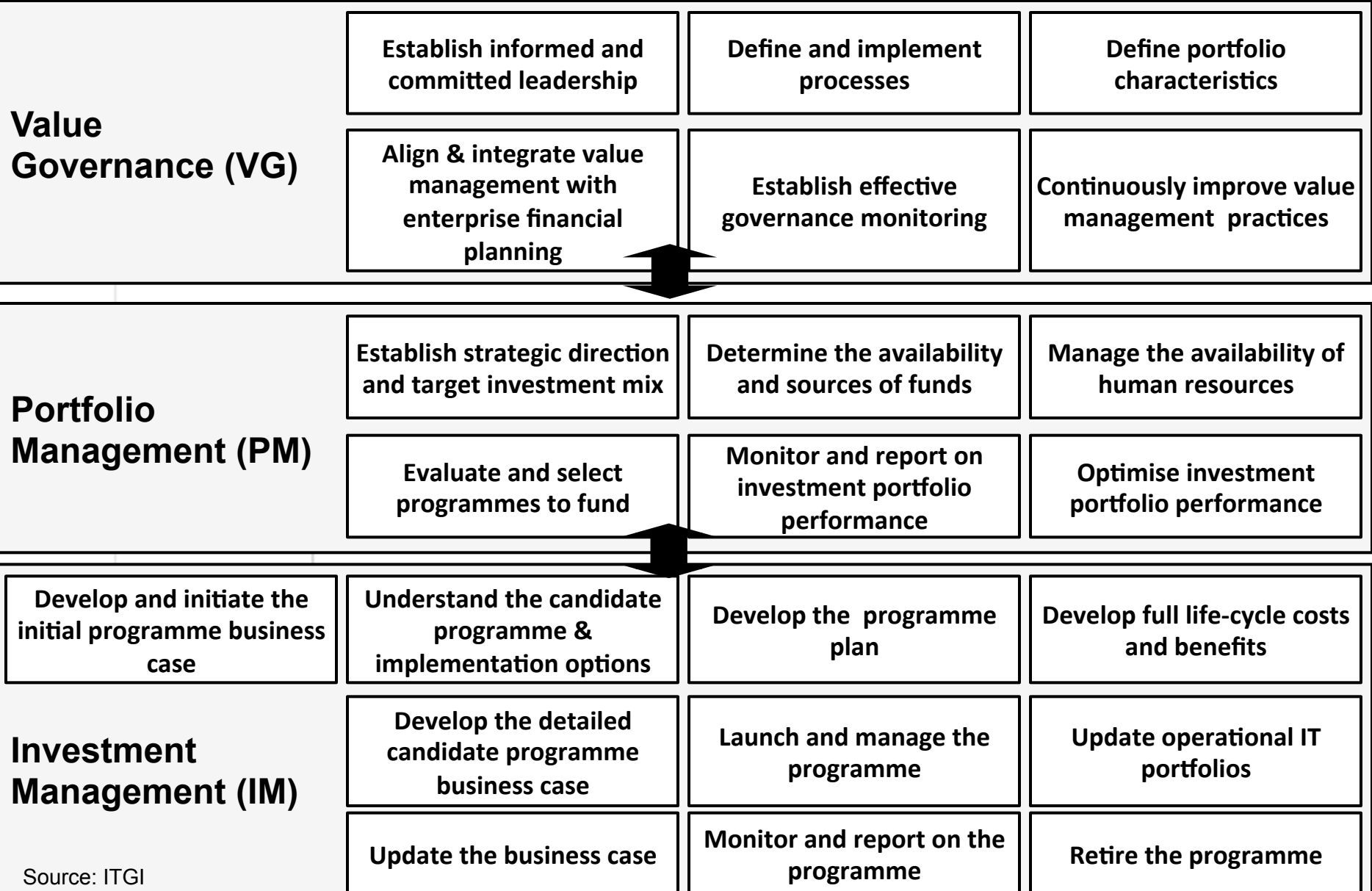
Interrelationship of the COBIT Components



Dimensions of Maturity



VAL IT domains & processes



Road map to IT governance

Identify Needs

Raise awareness & obtain management commitment

Define scope

Define risks

Define resources and deliverables

Plan programme

Envision solution

Assess actual performance

Define target for improvement

Analyse gaps and identify improvements

Plan solution

Define projects

Define improvement plan

Implement solution

Implement the improvements

Monitor implementation performance

Review programme effectiveness

Operationalise solution

Build sustainability

Identify new governance requirements

TERIMA KASIH