TOGAF™ overview and relation with ITIL3 – ITSMF Egypt

THE Open GROUP

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Who is Tom van Sante?

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Agenda

- ❏ Changing world

- ❏ What is Architecture?

- ❏ TOGAF

- ❏ TOGAF and ITIL

- ❏ Wrap up

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Changing World

Technology push:
 internet
 shrinking world
 communication

Globalisation:
 culture
 free trade

Organisational change:
 competition
 mergers, acquisitions
 economy of scale
 commodities
 outsourcing
 off-shoring
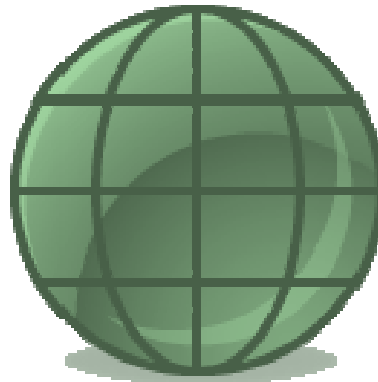
World economy:
 capitalism
 integrating economies
 monopoly power
 equality/inequality
 stock markets
 accountability

Business Demands:
 agile
 adaptive
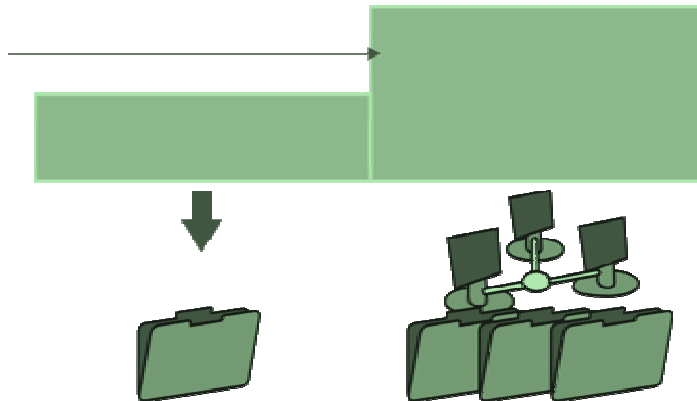 predictable
 transparent
 justified
 controlled

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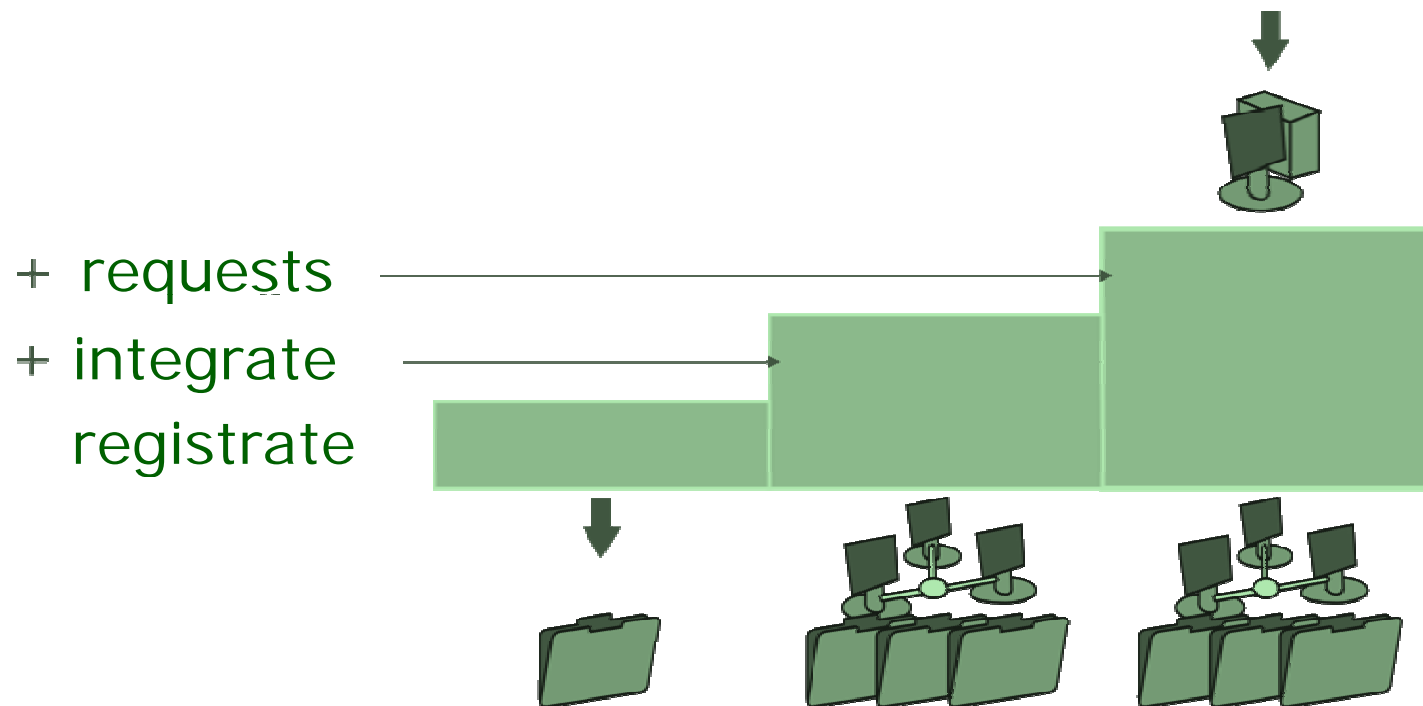Making standards work®

Development of ICT

registrate

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Development of ICT

+ integrate
registrate

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Development of ICT

+ requests

+ integrate

registrate

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Development of ICT

+ transaction
+ requests
+ integrate
  registrate

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Development of ICT

+ optimise
+ transaction
+ requests
+ integrate
registrate

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Development of ICT

optimise

transaction

requests

integrate

registrate

Supply
chains/
Clouds/
etc..
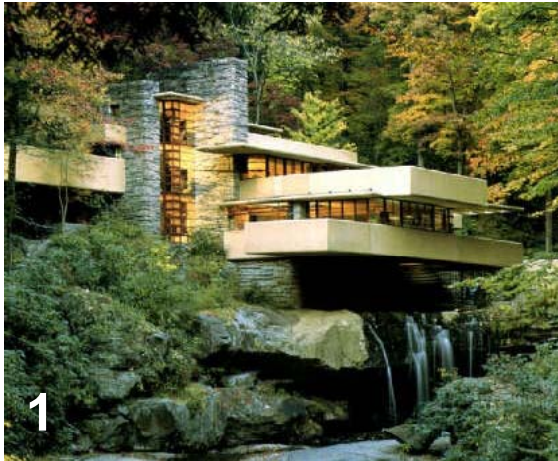
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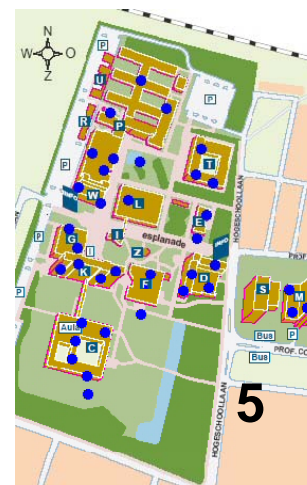
Making standards work®
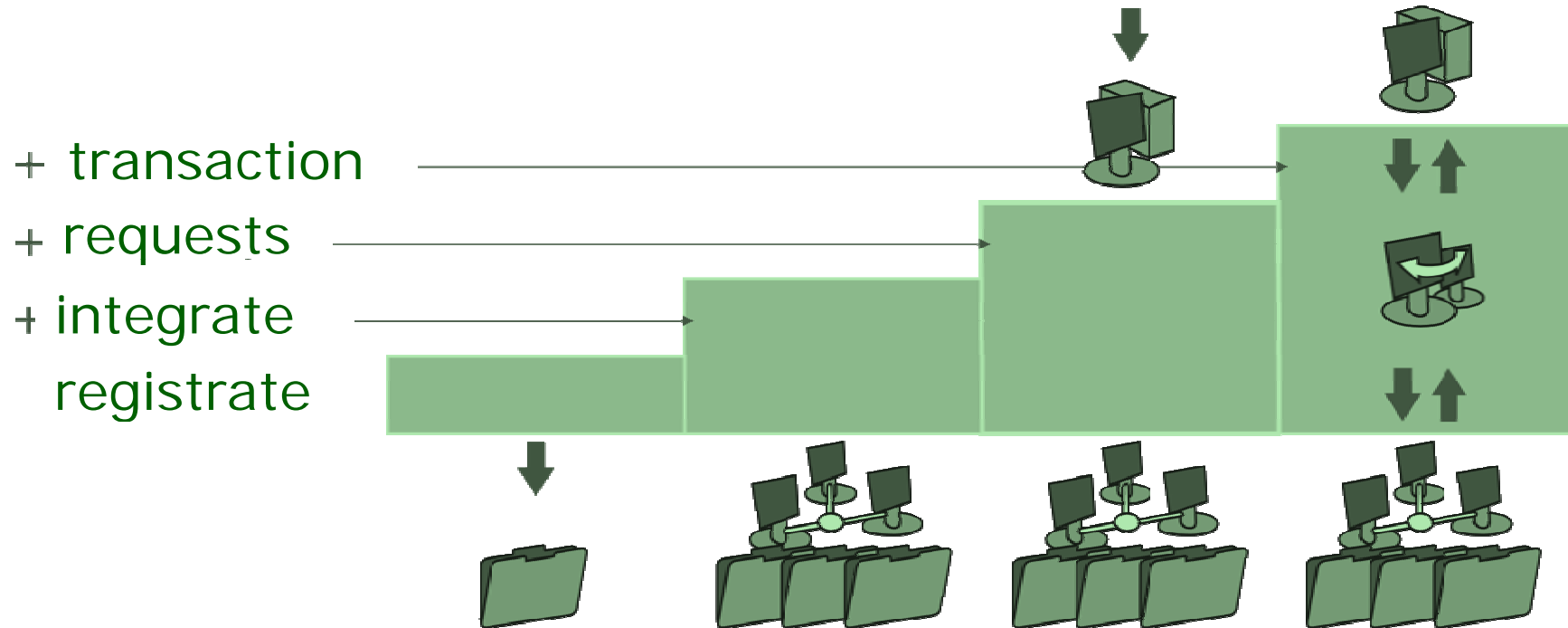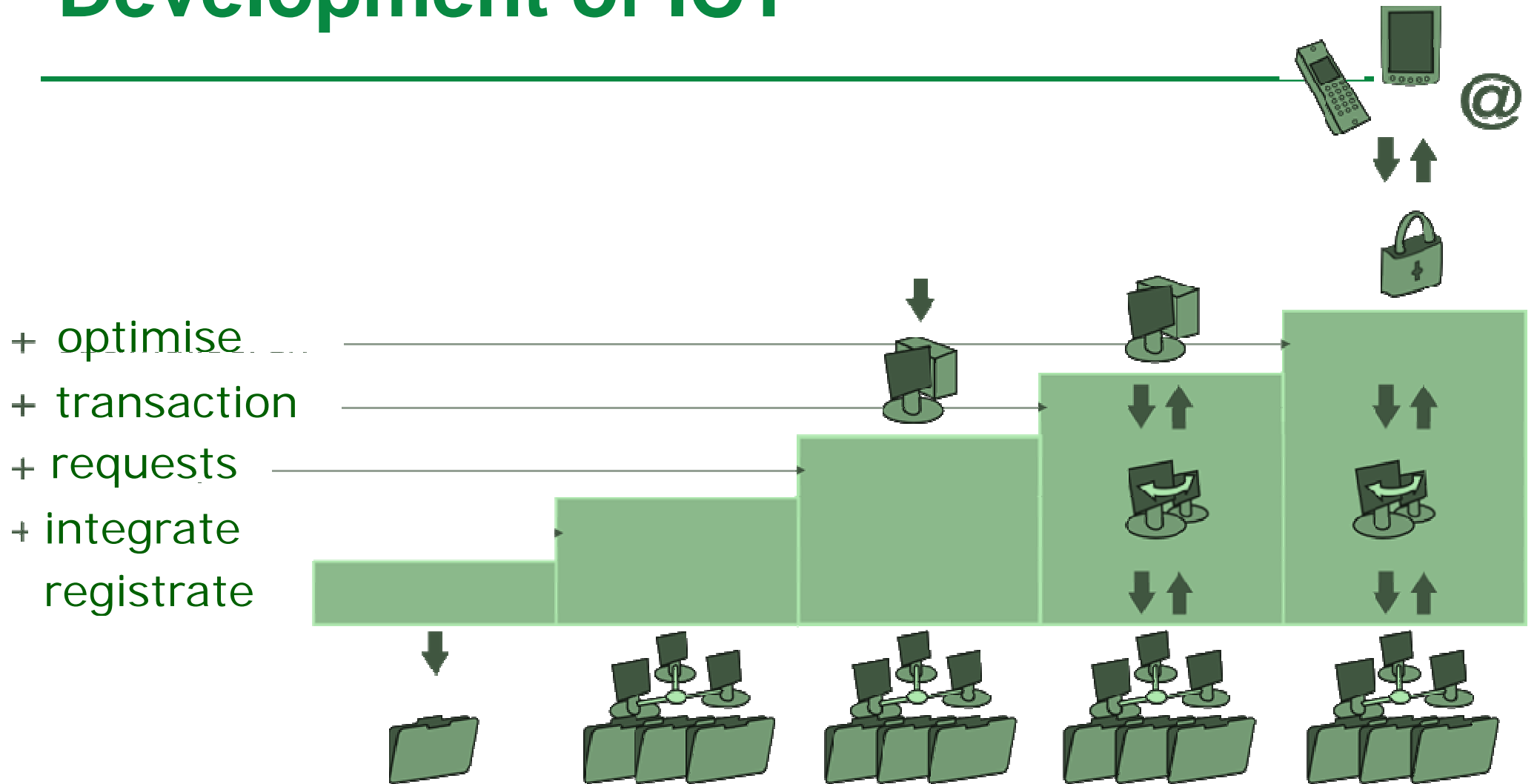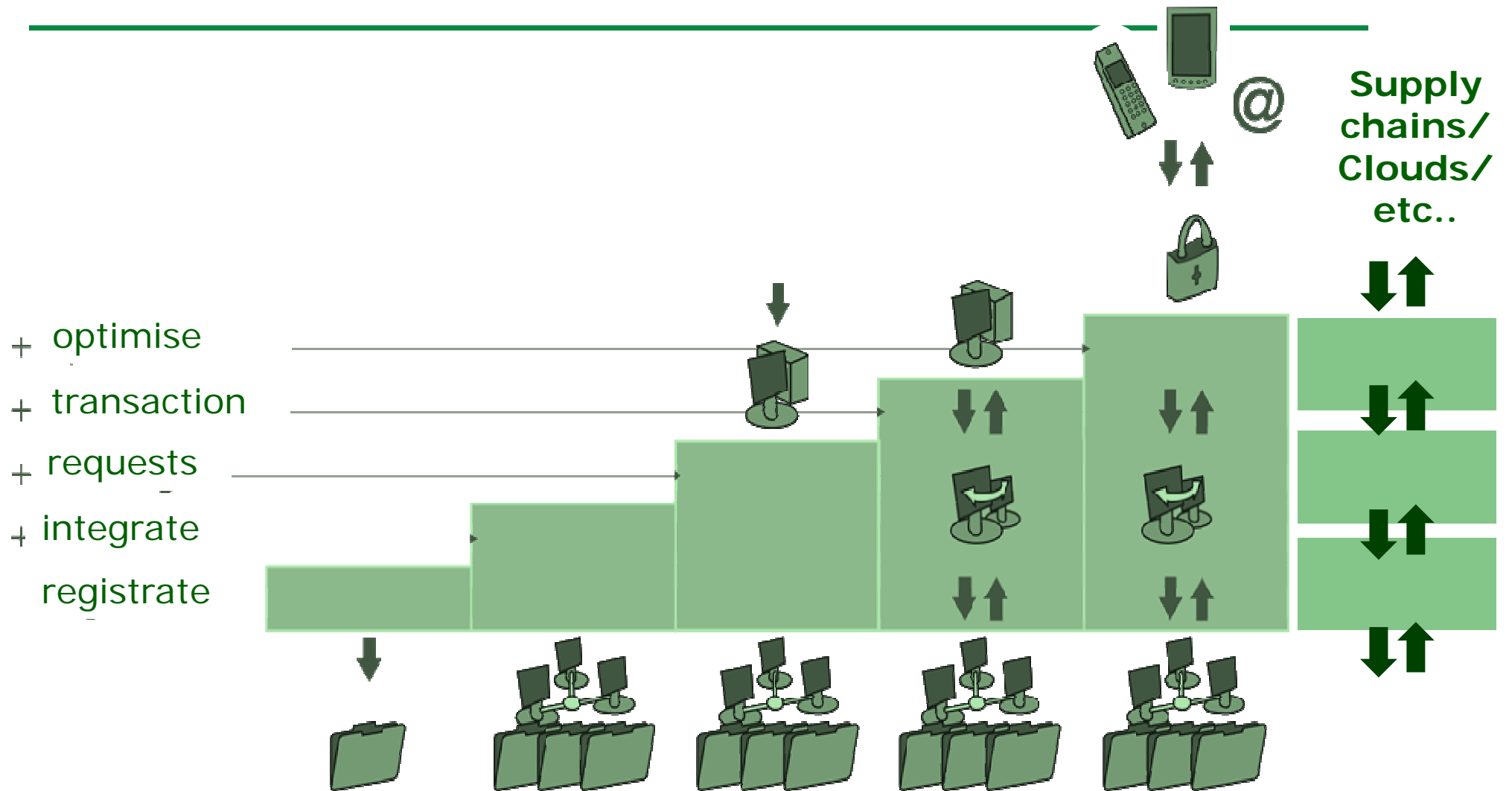
What is Architecture?

- ❑ There is a growing interest in Architecture

- ❑ But there are different ideas

- ❑ What does it look like from the mind of a building architect

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Is this Architecture?

1

2

yes ☐
No ☐

3

4

5

6

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Or this?

Permit request

Specifications

Ansi/IEEE 1471

Architecture is the fundamental organisation of a
system, embodied in:

- – its components,
- – their relationship to each other and the
environment,
- – and the principles governing its design and
evolution.

Is architecture the result, the description or the proces
to get there?

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Statements

❑ "An Architecture" is a vague and strange concept. Beware of the unclarity this brings!

❑ I never started studying Architecture to make Architecture!

❑ I studied architecture to help constituents to realise beautifull buildings or cities. And to do so I use models and descriptions te reduce compexity in order to help bridge the gap between dream and reality. All of that within the bourders of law and technological possibilities

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What Architects do

Architects facilitate, formalize and control decissions made by management (Gartner)

Governance	Vision&strategy		Target architecture
Enterprise Architecture		Migration Architecture	
Portfolio Management	Current architecture		

Engineering&sourcing

Implementation & Migration

Exploitatation & Improvement

The Architects Domain (Gartner)

Decision

Facilitate decisions

Formalize decisions

Control decisions

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Architecture according to me

The proces: as described by TOGAF

It is called Architecture when an Architect uses Architecture to create Architecture

Drawings, documents: necessary but not enough

The result

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About The Open Group

Global Operation
Cross-Industry
Vendor Neutral
Technology Neutral

San Francisco,
Boston, UK, Tokyo
Regional chapters
50+ staff

Brings the key
constituencies together
in an open process

Industry Consortium
Not-for-profit operations
Established >20 years
~250 member organizations

Operates the industry's
premier
certification service

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Mission and Strategy

- ❑ Mission:
  - Drive the creation of **Boundaryless Information Flow.**

- ❑ Strategy:
  - Work with **customers** to capture, understand and address current and emerging requirements, establish policies and share best practices.
  - Work with **suppliers**, **consortia** and **standards bodies** to develop consensus and facilitate interoperability, to evolve and integrate open specifications and open source technologies;
  - Develop and operate the IT industry's premier **certification service** and encourage procurement of certified products.

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Architecture Forum - Focus

❏ Original (and continuing) focus:
  - TOGAF
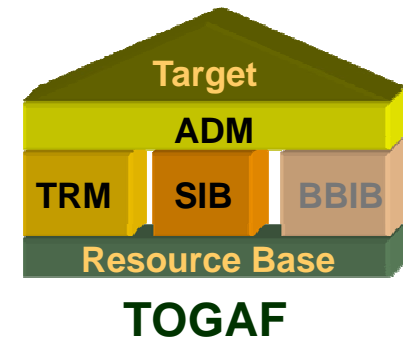
❏ Extended focus:
  - Architecture as a Professional discipline
  - Architecture Tools: Archimate
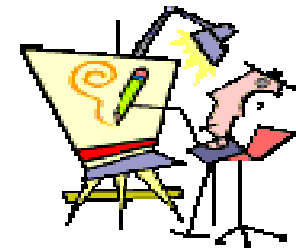
TOGAF

TOGAF

Open: Free of charge, transparant, available

Open group: KPN, Capgemini, Fujitsu, Hewlett-Packard, Hitachi, IBM, NEC, Sun Microsystems, US Department of Defense, NASA, Philips, Shell and many others.

The Open Group Architectural Framework

A framework: an open and freely available standardised method to help organisations design, build, implement an open entreprise wide architecture on different levels of perception. Supported by methods, building blocks, best practices. Quickly becoming an industry standard.

Open architectures to support the development of inter-organisational information flows in the network society

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TOGAF 8 core elements

An iterative step by step approach to build an Enterprise Architecture
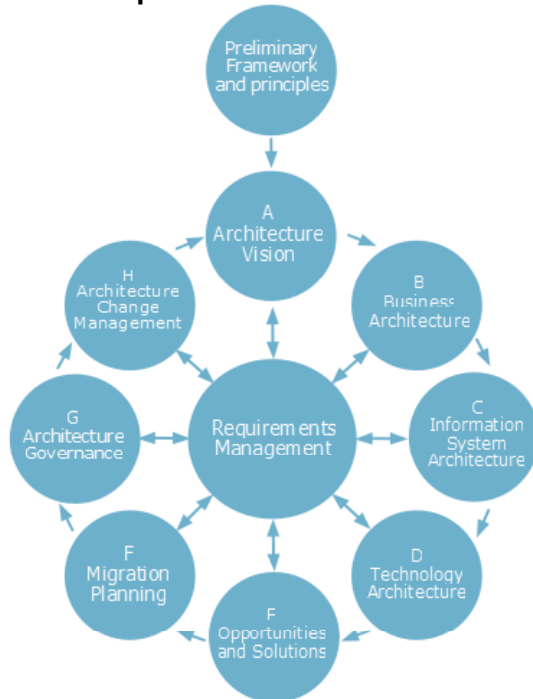
ADM

Supported by

Enterprise continuum

- a virtual repository
- re-usable building blocks
- step by step approach
- from generic to specific
- from architecture to solution
- with: "Foundation Architecture"
and the "Technical Refence Model"
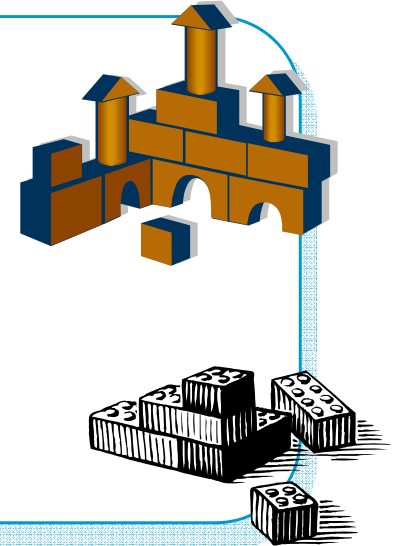
Resource Base

a series of "best practices" for:
- the Architecture Board
- Architecture Compliance
- an architecture contract
- Architecture Governance
- Views, Principles, Skills en maturity models

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TOGAF ADM

Preliminary Phase: prepare the organisation for a succesfull architecture proces

Phase H: "Adjust" the architecture if the "enterprise" has changed and requirements cannot be fullfilled with the existing achitecture.

Phase A: decide about the Scope and manage the expectations. Prepare the "statement of architecture work"

Phase G: Take care that every implementation is according the achitecture

Phase B: develop the Business architecture, including the "ist" and "soll" and the transition

Phase C: develop Information system architectures (Data / Application), including "ïst" and "soll" and the transition

Phase F: Analyse costs, advantages and risks and make an implementation plan.

Phase D: develop the Technology architecture, including the "ist" and "soll" and the transition

Requirements Management: in every fase keep controling and validating the business demands

Phase E: Identify the most important implementation project and discuss these with the organisation.

Diagram labels:
- Preliminary Framework and principles
- A Architecture Vision
- H Architecture Change Management
- B Business Architecture
- G Architecture Governance
- Requirements Management
- Information System Architecture
- D Technology Architecture
- F Opportunities and Solutions

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TOGAF ADM: in four fases

1.Getting the organisation comitted & involved

2.Get the architecture right

3.Making the architecture work

4.Keep the proces running

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Baseline to Target

TOGAF 9 components

ADM

Architecture Content Framework

Reference Models

ADM Guidelines & Techniques

Enterprise Continuum

Architecture Capability Framework

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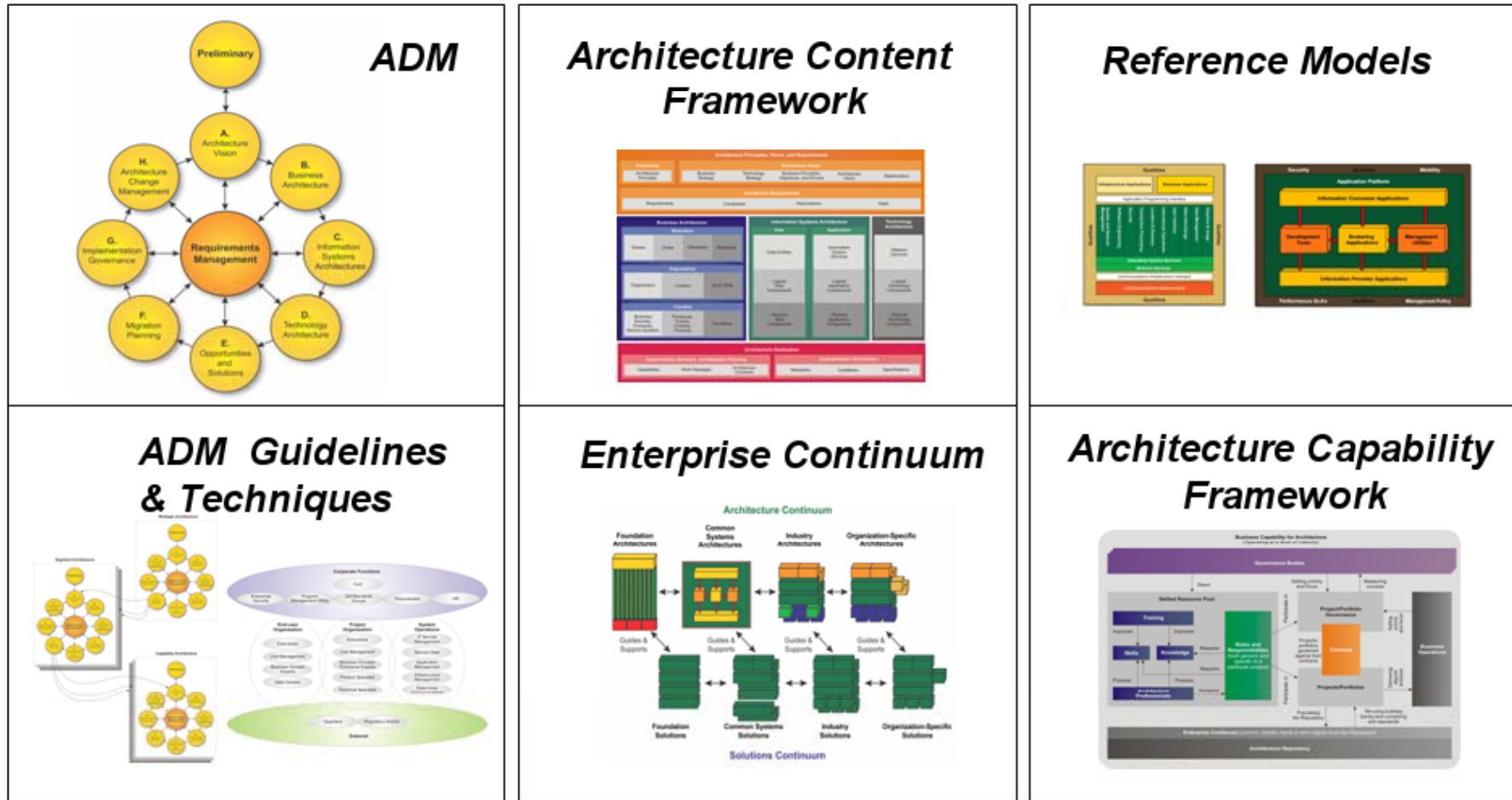
TOGAF and ITIL

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STRATEGIC

TACTICAL

OPERATIONAI
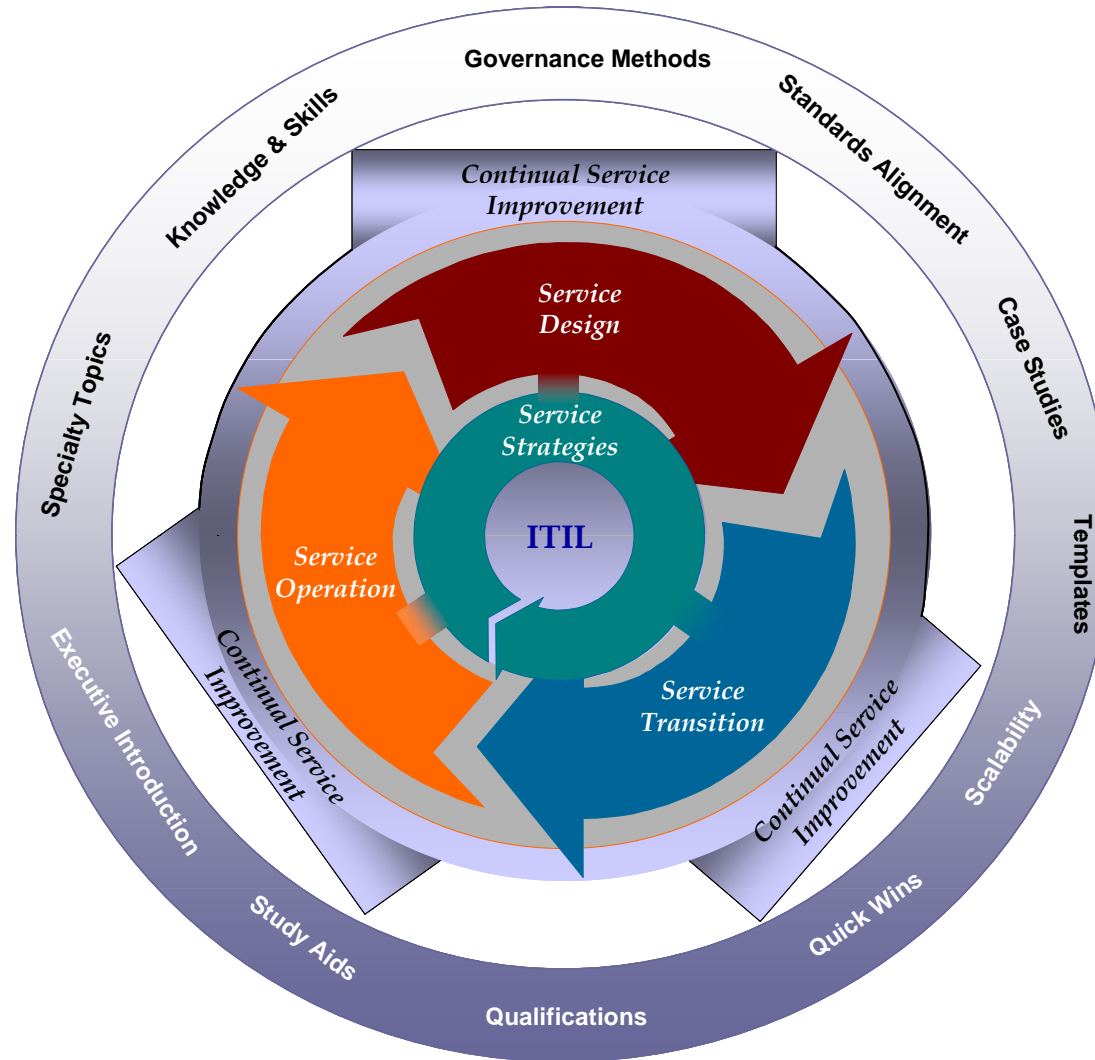
TOGAF

ITIL

source: The Open Group, The domains and roles of ITIL and TOGAF within an organization, R. Radhakrishnan (2008)

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TOGAF and ITIL

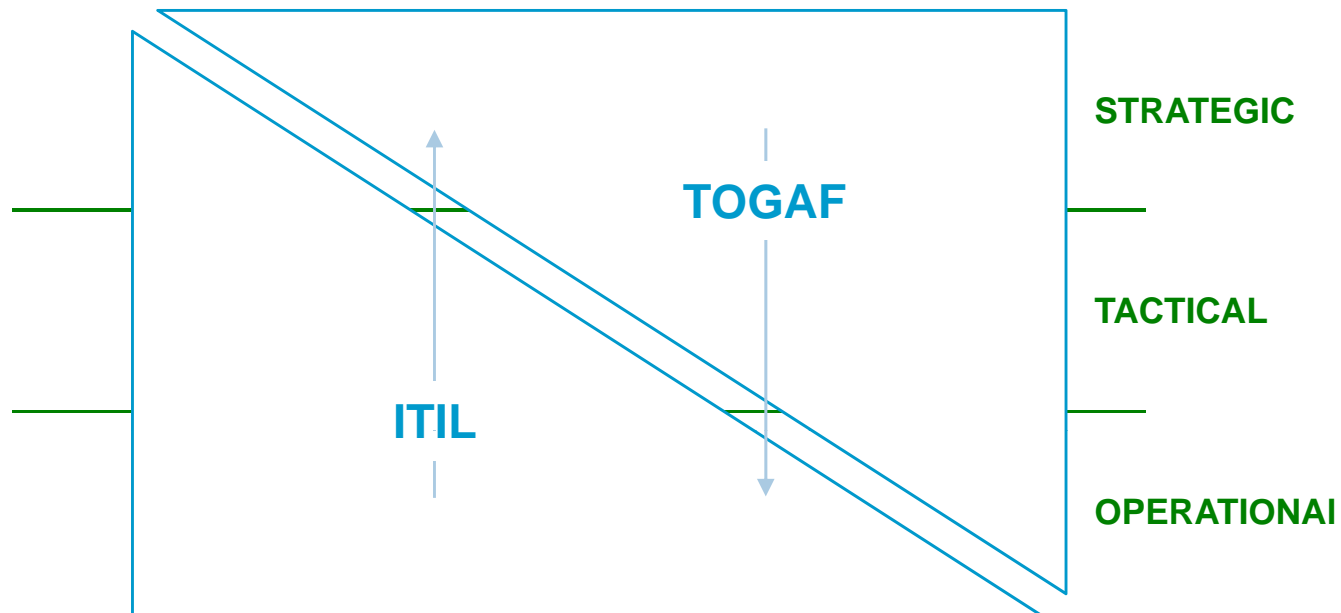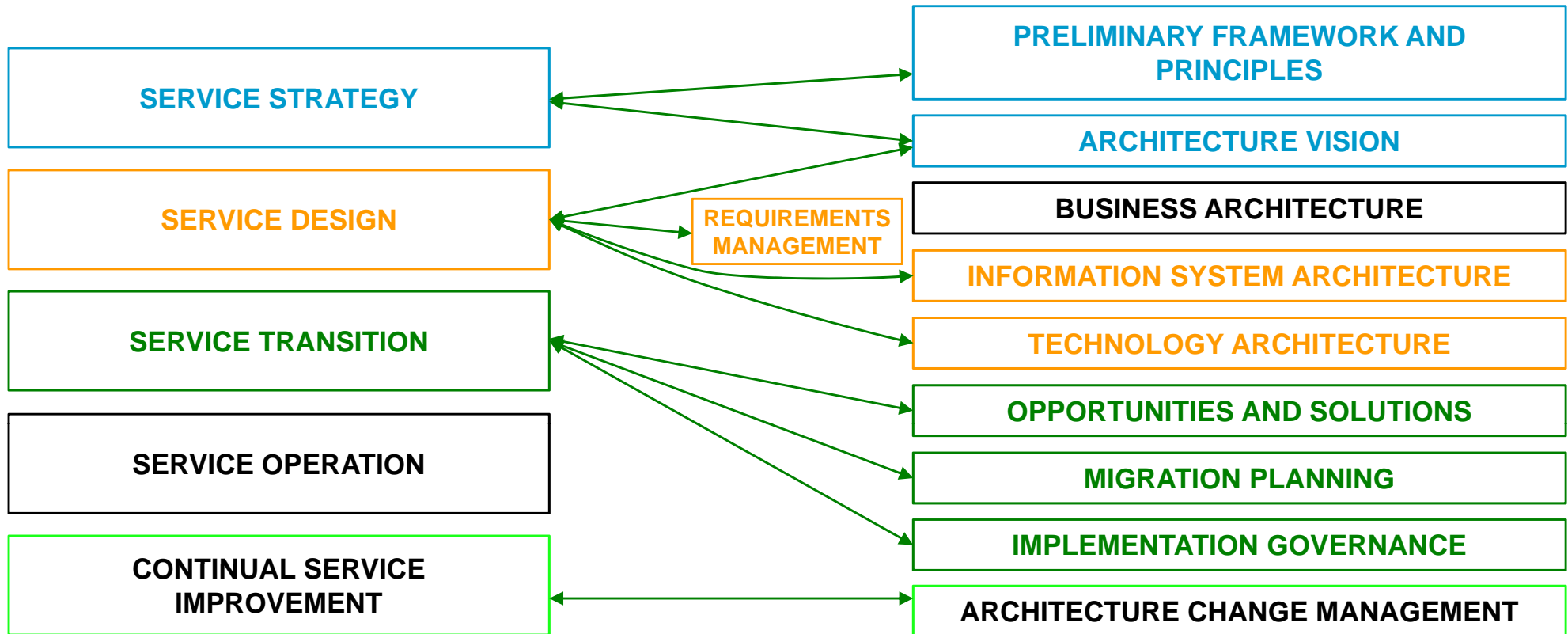| ITIL	TOGAF
SERVICE STRATEGY	PRELIMINARY FRAMEWORK AND PRINCIPLES
	ARCHITECTURE VISION
SERVICE DESIGN	BUSINESS ARCHITECTURE
REQUIREMENTS MANAGEMENT	INFORMATION SYSTEM ARCHITECTURE
SERVICE TRANSITION	TECHNOLOGY ARCHITECTURE
	OPPORTUNITIES AND SOLUTIONS
SERVICE OPERATION	MIGRATION PLANNING
	IMPLEMENTATION GOVERNANCE
CONTINUAL SERVICE IMPROVEMENT	ARCHITECTURE CHANGE MANAGEMENT

Source: Getronics Consulting, ITIL3 vs TOGAF9 Two Frameworks   T. van Sante, J. Ermers (2009)

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Differences between ITIL and TOGAF

- ❏ ITIL: the primary focus should be on IT service management
- ❏ TOGAF: the primary focus is on Enterprise Architecture

- ❏ There will be a lot of subjects they can adress together.
- ❏ Each from their own perspective

- ❏ Thanks for listening
- ❏ Questions / discussion?

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For More Information . . .

- ❑ The TOGAF 9.1 Web Site
  - ▪ http://www.opengroup.org/togaf/

- ❑ The Architecture Forum
  - ▪ http://www.opengroup.org/architecture/

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