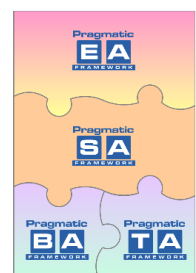




PEAF: Framework Comparison

Pragmatic EA Ltd
March 2010
Version 2.0.1

Part of the Pragmatic Family
CUTTING ARCHITECTURE TO THE BONE



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Introduction

What is PEA

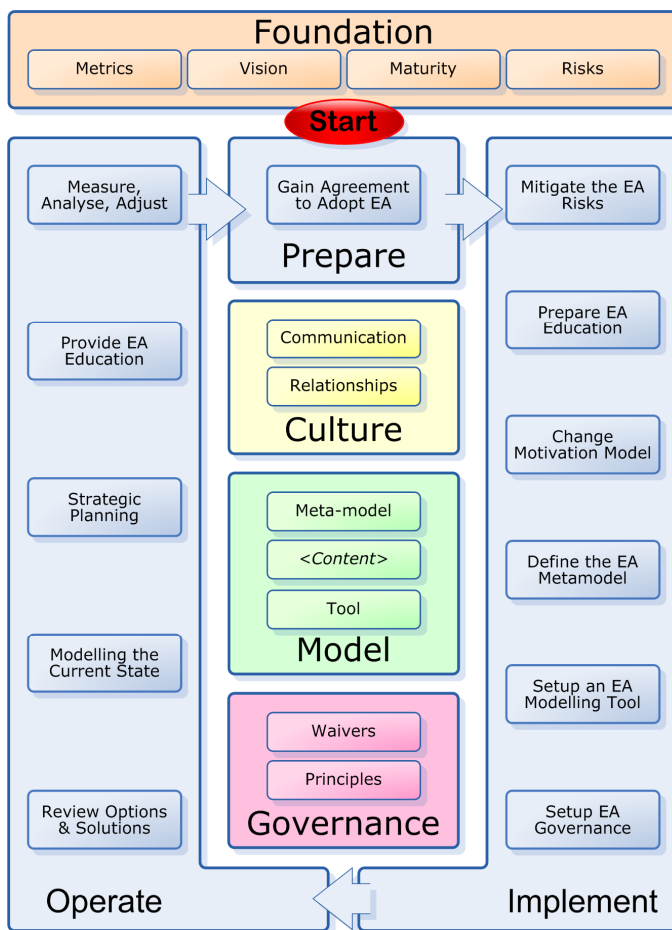
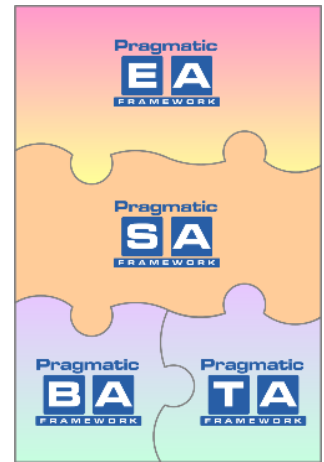
This document forms part of the Pragmatic Enterprise Architecture Framework. PEA is part of the Pragmatic family of Architecture Frameworks.

PEAF is a vendor and consultancy independent, technology neutral, Enterprise Architecture Framework which allows organisations to kick start or re-start an EA initiative and provides a comprehensive set of Products and Processes of everything required to hit the ground running.

PEAF bridges the gap between minimal "EA Frameworks" which do not provide a complete set of what is required or huge monolithic "EA Frameworks" that are too difficult to understand and difficult to use.

PEAF achieves this by "Cutting EA to the Bone", and providing everything you need, and nothing you don't. For more information, visit www.PragmaticEA.com.

PEAF is composed of two fundamental parts; **Products** and **Processes**.



Products

This part contains all the products required for an EA initiative: -

- **Foundation** - Provides the products required for starting and/or progressing an existing EA initiative.
- **Culture** - Communication and relationships are the key to EA. Without them and their understanding, everything else is superfluous.
- **Model** - The main artefact of EA are the models which allow information to be gathered, viewed and analysed.
- **Governance** - Providing an environment to guide change as it happens throughout the organisation.

Processes

This part contains all the processes required for an EA initiative divided into 3 distinct phases: -

- **Prepare** - Scoping and gaining approval for an EA initiative.
- **Implement** - Making the changes to prepare the organisation to operate EA.
- **Operate** - "Doing" EA.

Aim of this document

To help organisations decide which EA Framework is best for them, this document presents an analysis of 4 well known frameworks along with evaluations of them in various areas. Users are then invited to attach their own weightings to the raw scores in order to create a shortlist for evaluation.

Numerical Comparison

This evaluation was carried out by Pragmatic EA Ltd. The results have been posted on numerous discussion forms and distributed widely. Any comments received have been incorporated into the results.

Criteria

Each framework was categorised using the following criteria: -

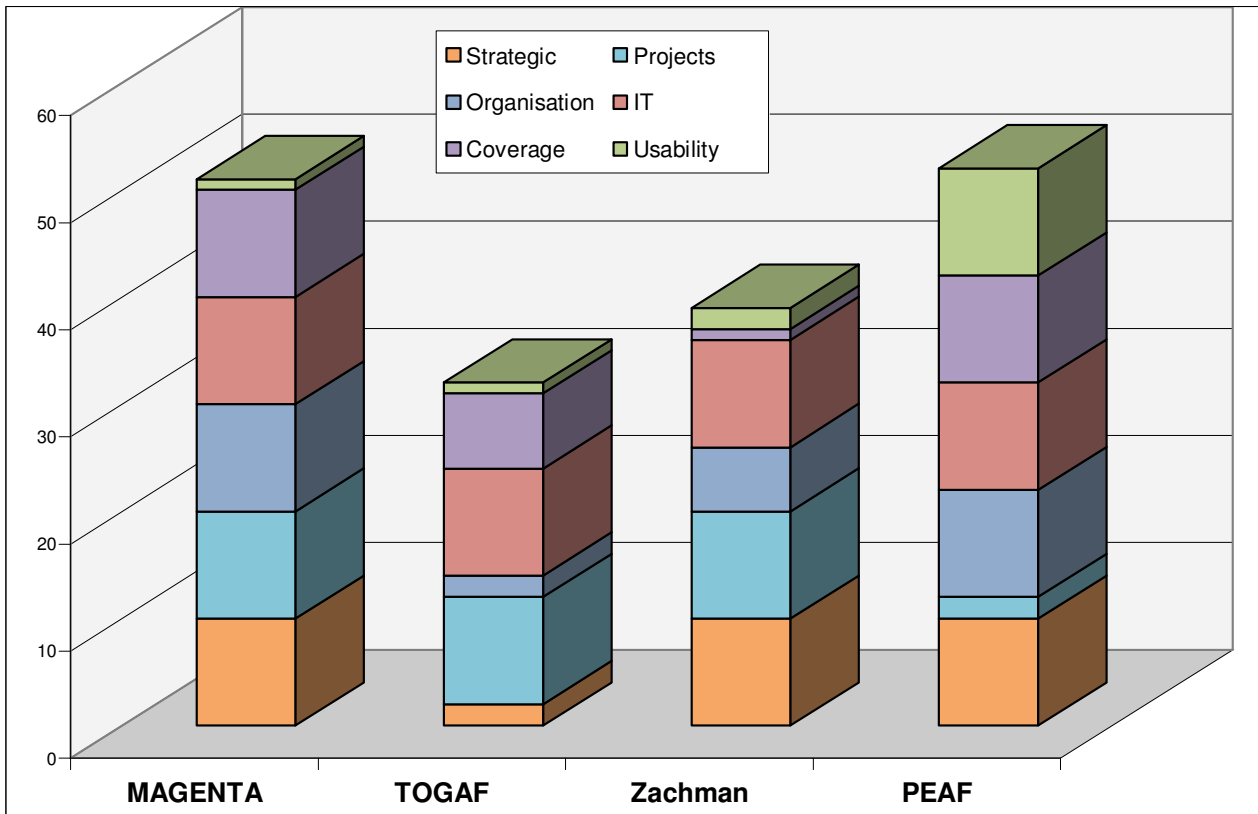
Strategic	This is an indication of how much the framework is focussed on Strategic Planning compared to Project Level work.
Projects	
Organisation	This is an indication of how much the framework is focussed on the entire organisation compared to only IT.
IT	
Coverage	This is an indication of how complete the framework is based on the features you would expect to find in a framework (i.e. Maturity Model, Metrics, Presentations Materials, Metamodel, Tool Evaluations, Principles, Governance, Processes and ready to use Templates.
Usability	This is an indication of how usable it is in terms of both understanding and applying it. It tends to be inversely proportional to the size and complexity of the framework.

Raw Scores

The following table are the raw scores associated with each framework, in each category.

	MAGENTA	TOGAF	Zachman	PEAF
Strategic	10	2	10	10
Projects	10	10	10	2
Organisation	10	2	6	10
IT	10	10	10	10
Coverage	10	7	1	10
Usability	1	1	2	10
Total	51	32	39	52

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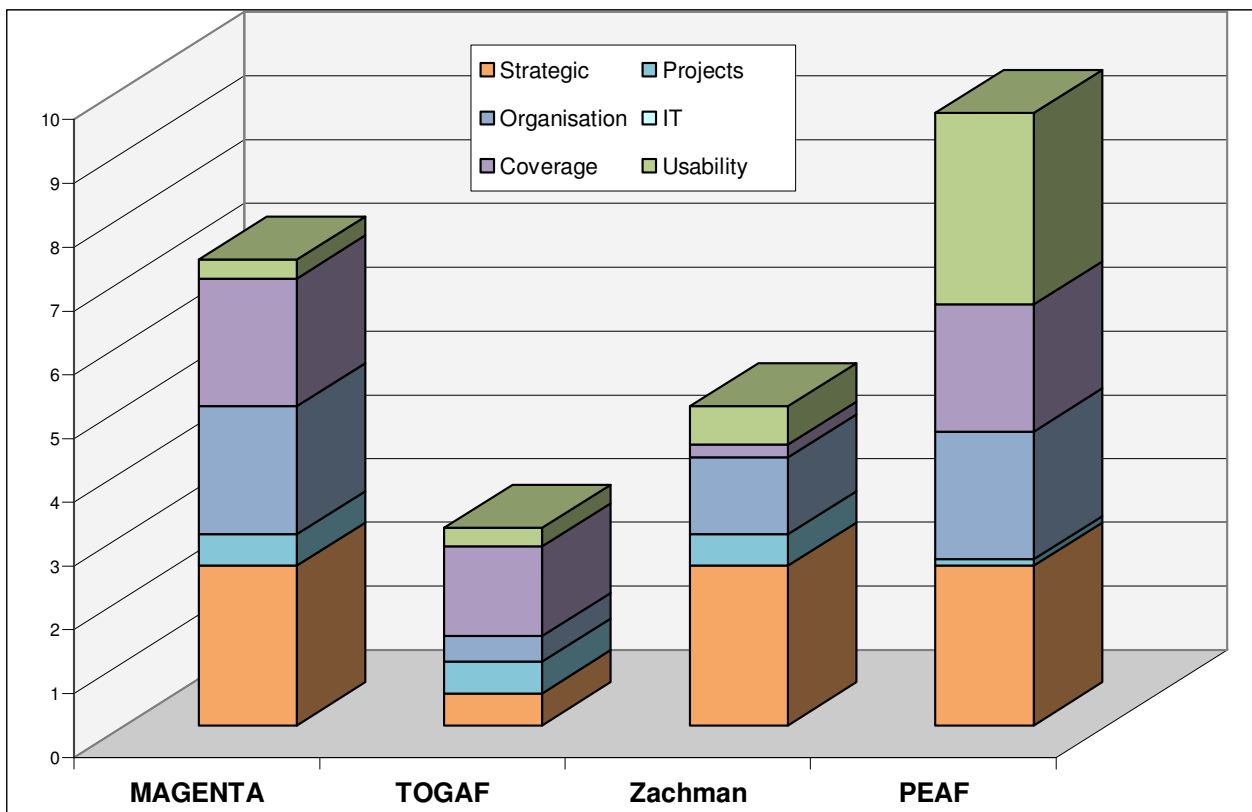
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Weighted Scores

Organisations are invited to place weightings on these raw scores depending on which categories are more important to them. For example, if the following weightings are applied, the scores change accordingly.

	Weighting	MAGENTA	TOGAF	Zachman	PEAF
Strategic	25%	2.5	0.5	2.5	2.5
Projects	5%	0.5	0.5	0.5	0.1
Organisation	20%	2	0.4	1.2	2
IT	0%	0	0	0	0
Coverage	20%	2	1.4	0.2	2
Usability	30%	0.3	0.3	0.6	3
Total	100%	7.3	3.1	5	9.6

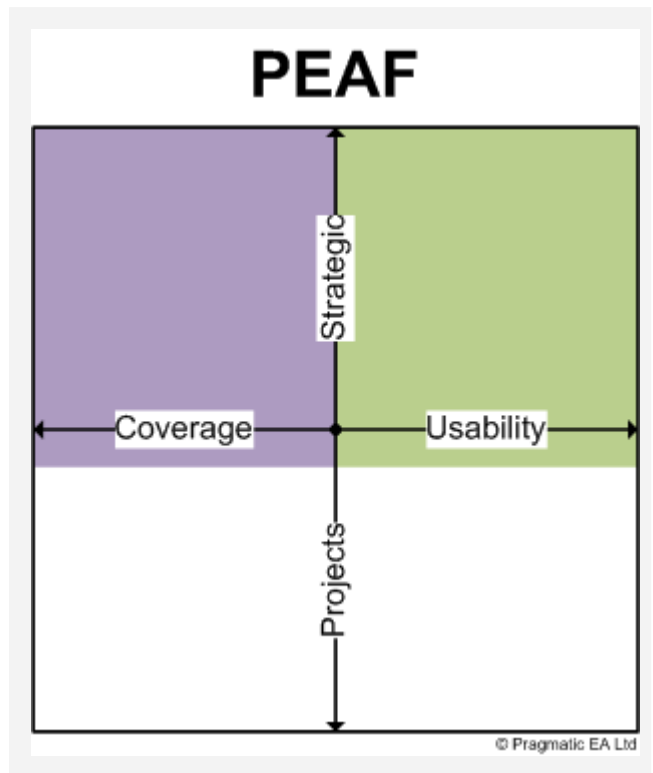
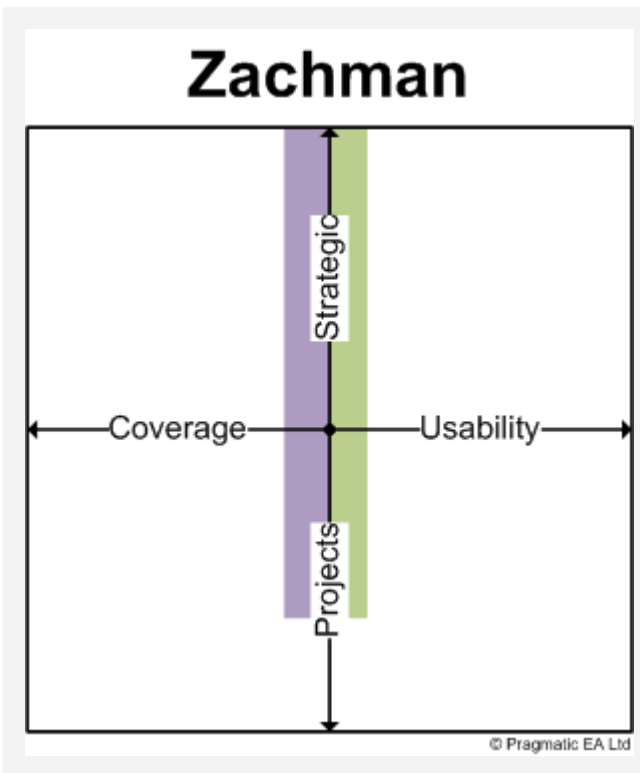
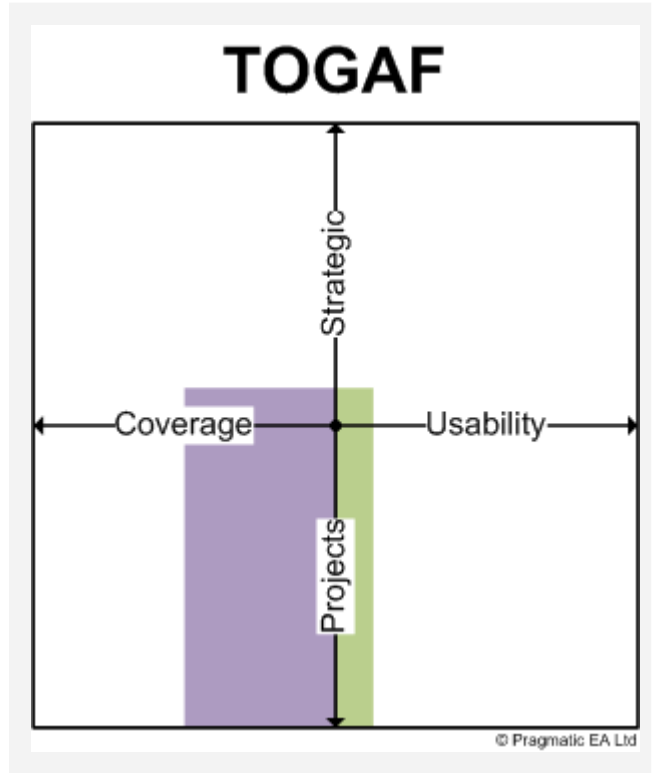
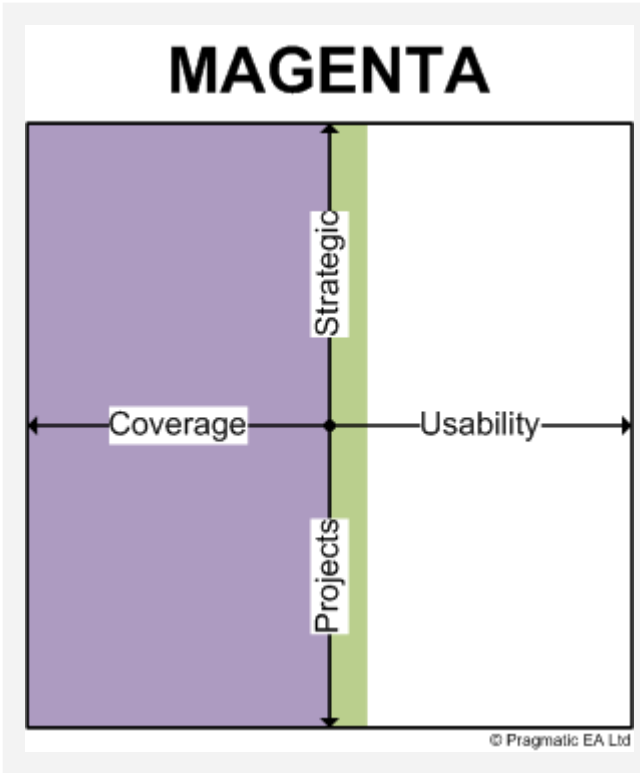
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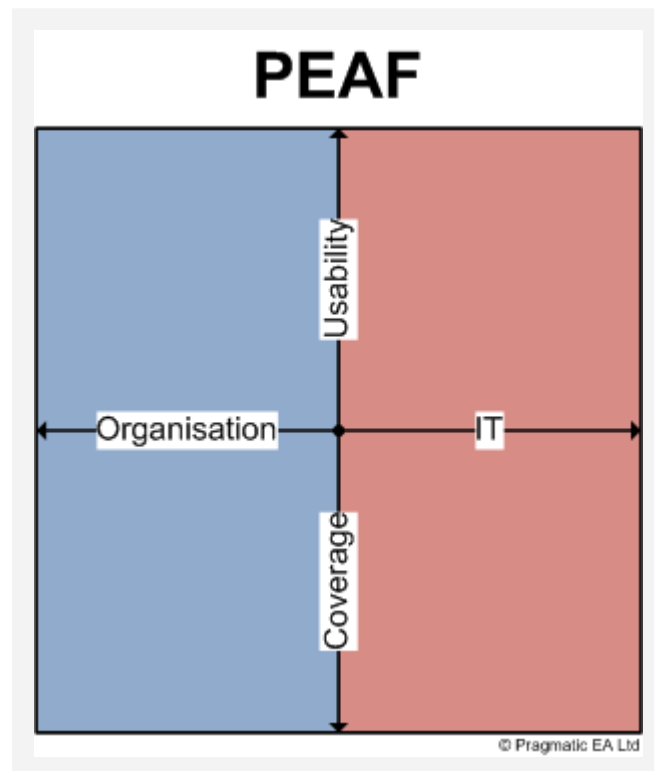
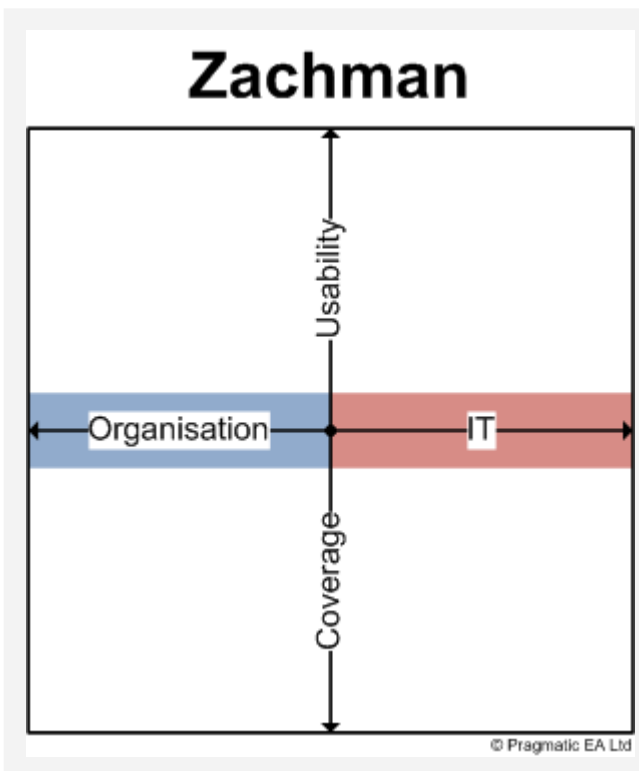
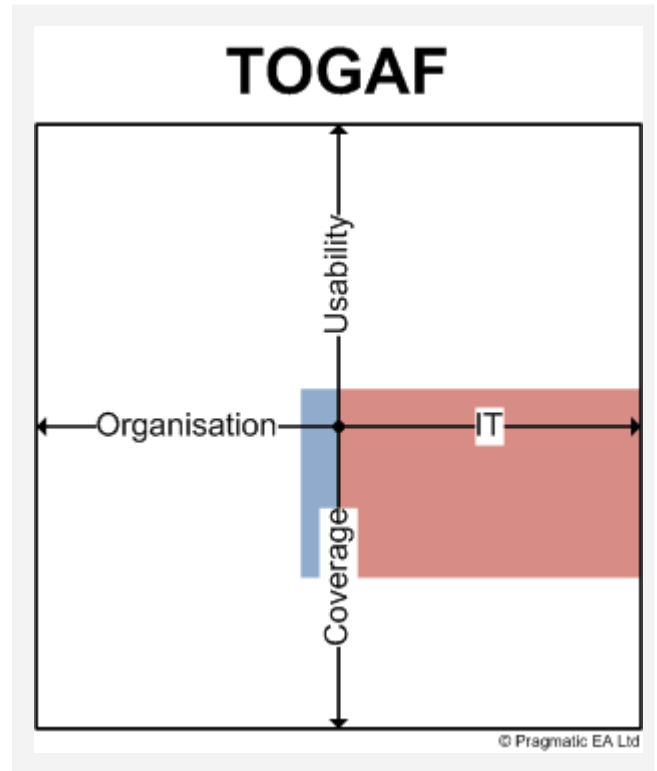
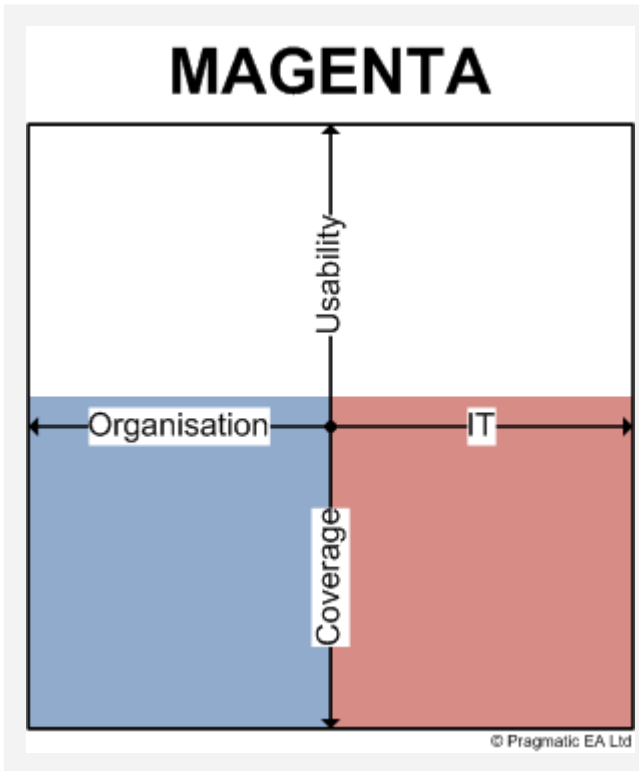
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Graphical Comparison

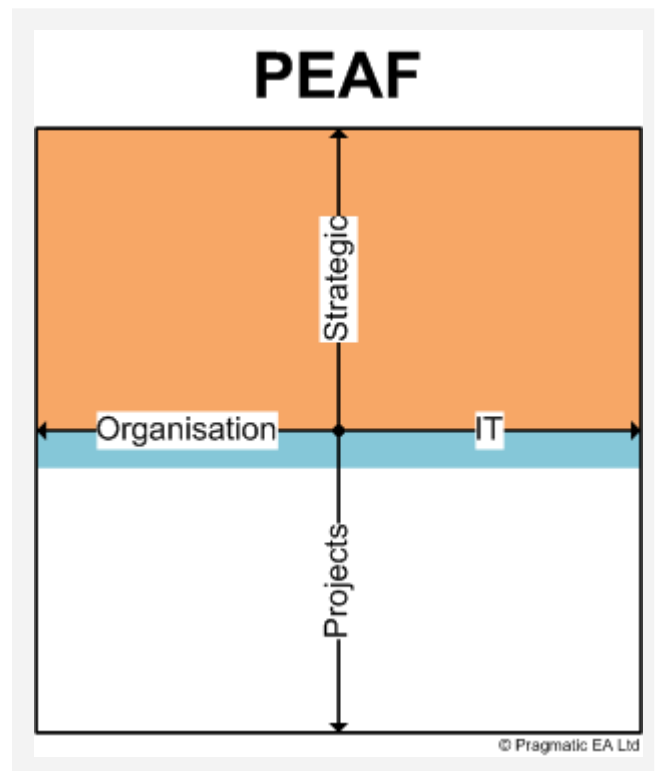
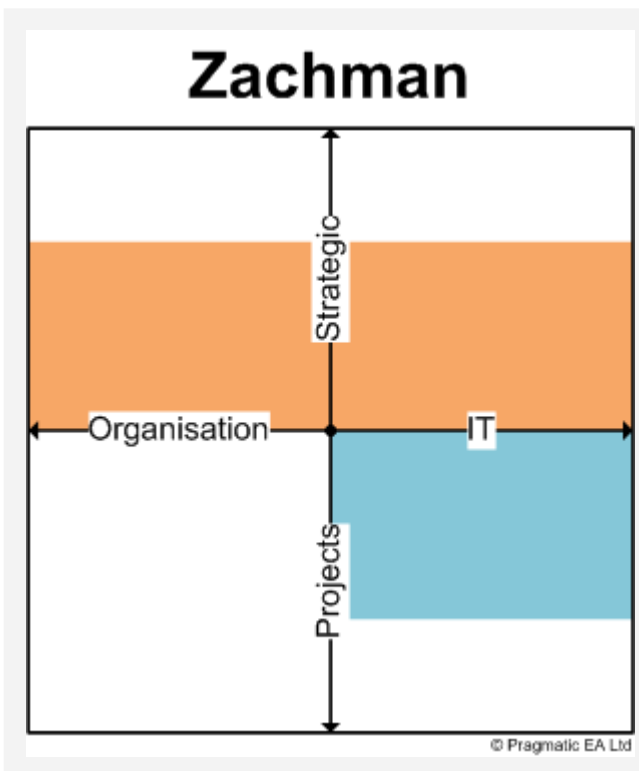
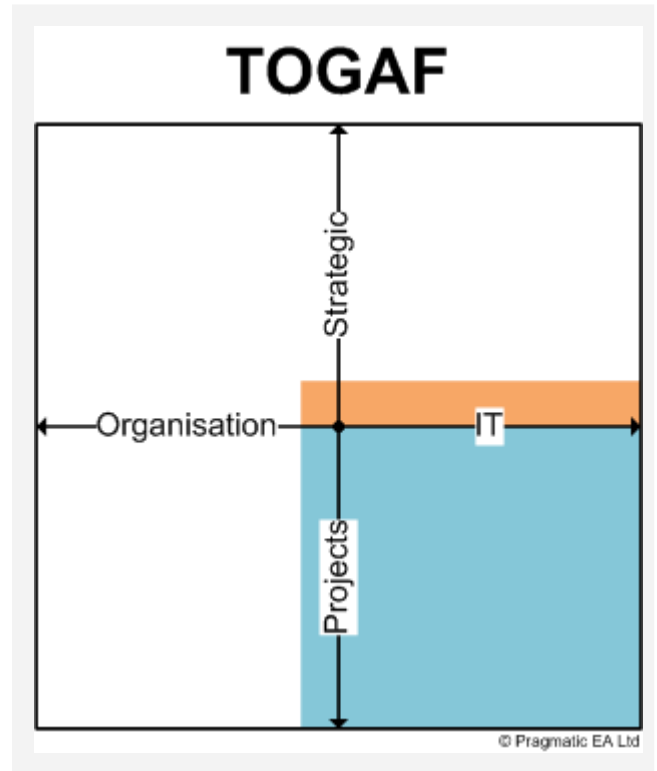
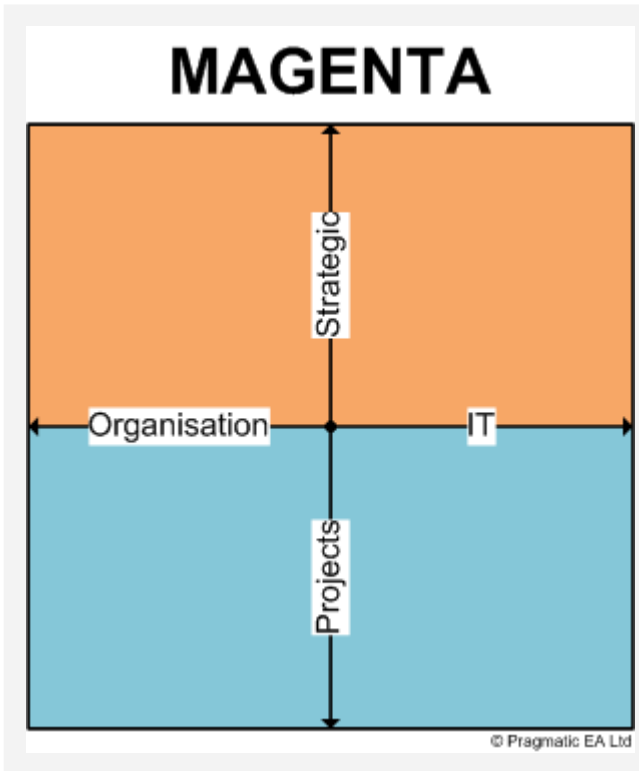
Coverage & Usability vs Strategic & Projects



Organisation & IT vs Coverage & Usability

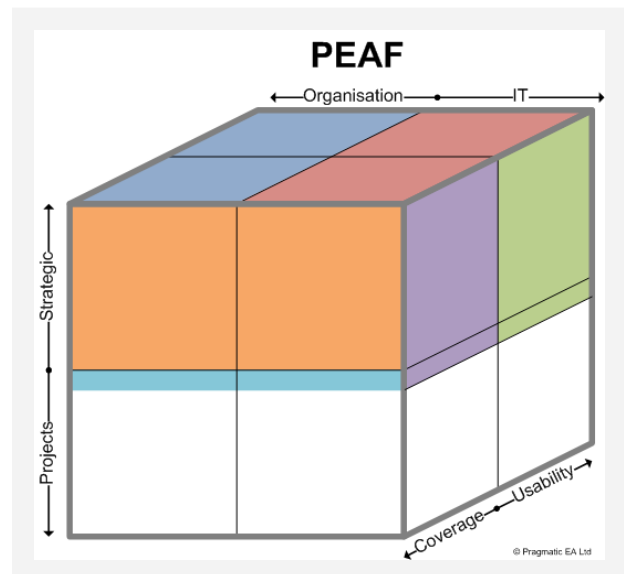
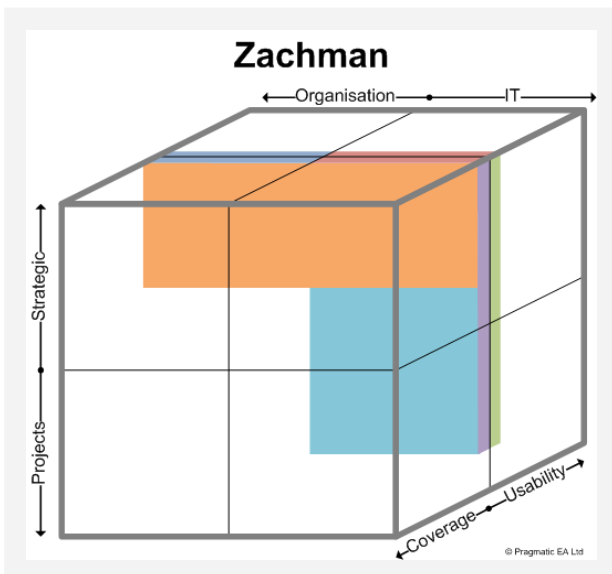
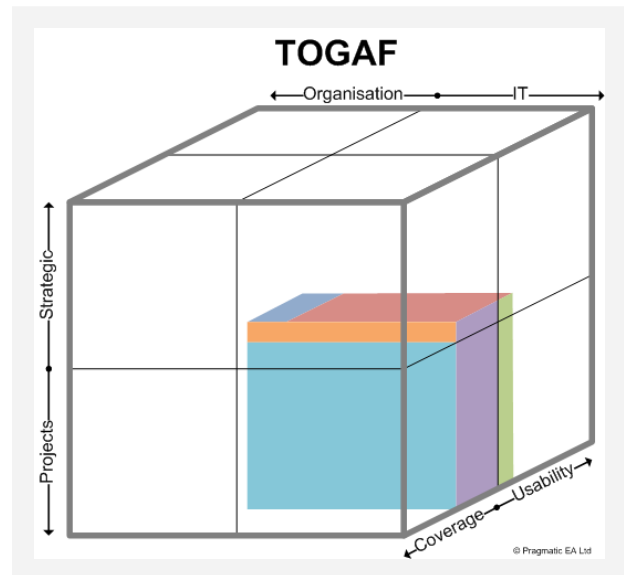
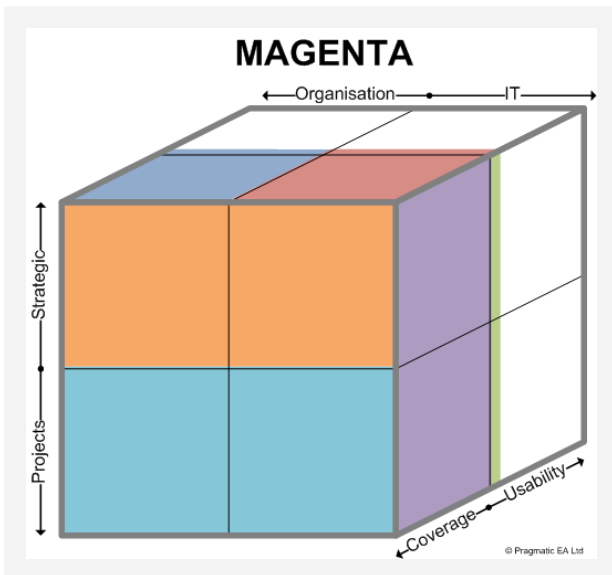
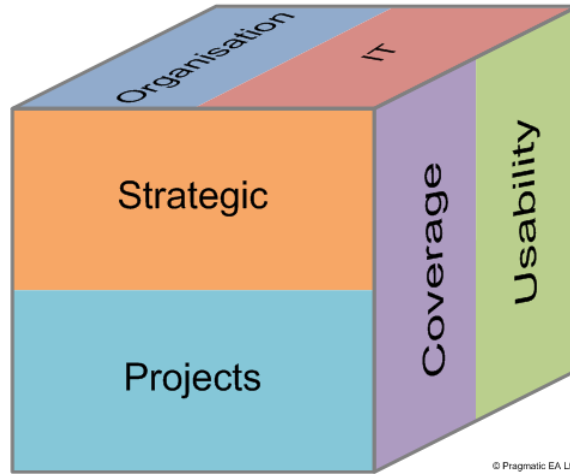


Organisation & IT vs Strategic & Projects



Overall

These three viewpoints can be combined into one 3 dimensional one as shown below.



Overview

	MAGENTA	TOGAF	Zachman	PEAF
Strategic	Covers both levels equally from high level strategic planning right down to project level technical architecture level	Mostly only deals with the project level solution and technical architecture levels although the strategic level is small.	Covers both levels equally from high level strategic planning right down to project level technical architecture level	Covers mostly the strategic planning level although governance does go down to project level.
Projects				
Organisation	Covers the entire organisation including but not restricted to IT.	Is mostly concerned with IT rather than the entire organisation.	Covers the entire organisation at a high level but lower levels only cover IT	Covers the entire organisation including but not restricted to IT.
IT				
Coverage	Covers everything you would expect to find in a framework.	Covers a lot of things but is not complete.	Only covers the Metamodel	Covers everything you would expect to find in a framework.
Usability	Very complex and large therefore difficult to come to terms with and adopt.	Very complex and large therefore difficult to come to terms with and adopt.	Pretty complex but only at the Metamodel level	Pragmatic simplicity allowing it to be understood and adopted very easily.

Synopsis

MAGENTA	A comprehensive framework but due to it's size and complexity is very difficult for organisations to start with.
TOGAF	Is an IT Architecture framework not an Enterprise Architecture Framework. It's quite big and complex and therefore difficult, time consuming and costly to adopt.
Zachman	Is only a Metamodel and as such although it covers the entire breadth of an EA model, it contains no information about how to prepare, implement or operate EA or provide help with EA products such as vision statements, maturity models, principles etc, etc"
PEAF	Is a complete EA framework which is concise and allows for fast adoption.

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