TOGAF 9 – A Collaborative Discipline

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TOGAF 9 – A Collaborative Discipline

Introduction to Vodacom

Who we are   Our EA approach   Our achievements to date

TOGAF 9 - A collaborative discipline

Theme 1: Transform and build

A mandate for architecture
A new perspective
Architectural goal

Theme 2: Standards – A platform for achieving value

The ADM makes the implicit explicit
Meta-models shouldn't be tinkered with
Standard speed start up

Theme 3: A repository – the architectural knowledge base

The management burden - stewardship
The repository characteristics
Collaboration is everything
If you want to collaborate, you need a repository-based tool

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Who we are

We are a tier 1 mobile operating company in South Africa

We are a member of the Vodafone family of companies

60% of you are our customers!

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Our EA approach

We have a collaborative approach (not top down)

We emphasize ownership of architectures within the IT business

A lot of our architecture practices are imported from Vodafone

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Our achievements to date

We have documented our application space

We have costed our applications

We have attained long term (5 year) plans- this effectively provides us with an architecture roadmap

We have achieved the absorption of transformation plans from the federated teams

We have introduced a federated, collaborative approach to TOGAF 9

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Theme 1

Transform and Build

A mandate for architecture

The mandate effectively arose from Vodafone's takeover of Vodacom

This mandate is enforced by a multinational culture

A new perspective

A different rigor was required following the takeover:

- A new focus on leveraging volumes
- i.e. driven by the efficiency of volume purchases

Architectural goals

A need to take on multinational themes such as infrastructure rationalization and application portfolio alignment

We did not impose TOGAF 9 –we took a collaborative, federated approach

- TOGAF 9 is better deployed at team management level
- Teams can respond to demands from higher management

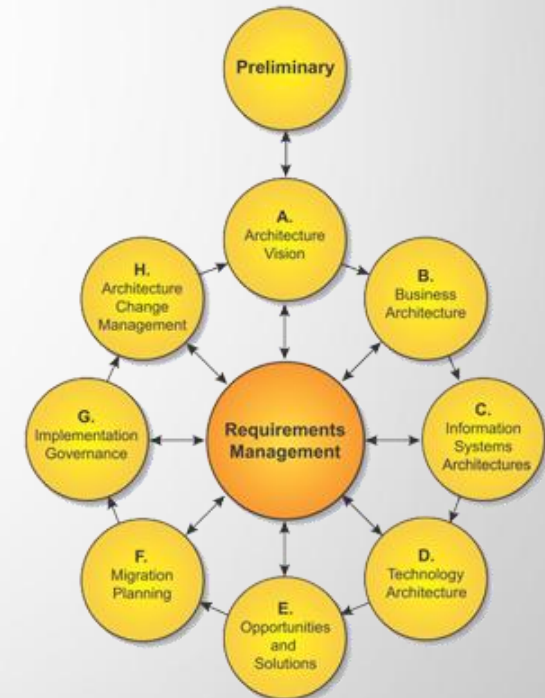THE *Open* GROUP

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Theme 2

Standards – A Platform for Achieving Value

The ADM makes the implicit explicit

The ADM provides the context for transition in projects

Those who follow the ADM can respond to a wider range of queries

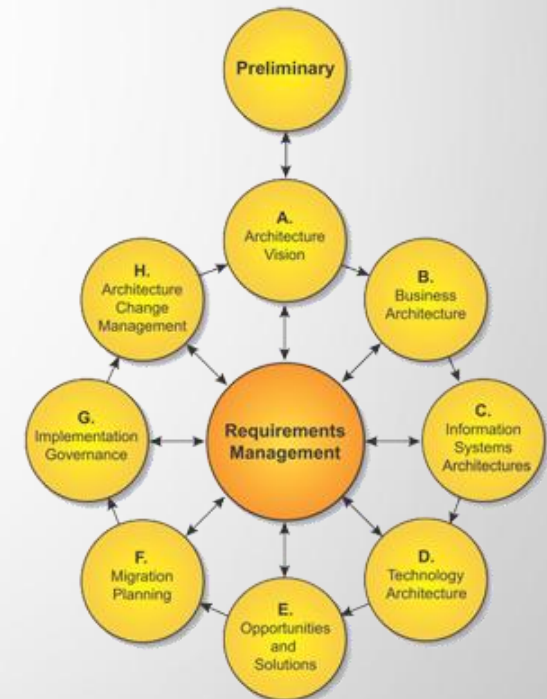The ADM provides a broader shared context

Meta-models shouldn't be tinkered with

The Open Group meta-model is mature enough to limit discussion and time

It allows you to get on with the business

The meta-model can be changed to suit business needs, but in **marginal increments**
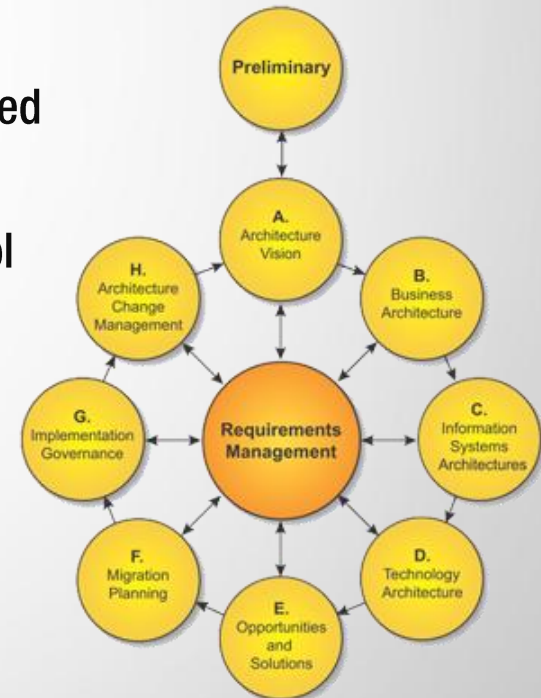
Standards speed start up – it's harder, but it's quicker!

You need to have a mature set of relevant standards for the ADM to be useful

Standards restrict discussion and channel content creation

Standards are harder to learn, but:

- The learning curves of individuals and teams can be steepened
- It is much easier to train people to a universal standard
- Standards can be enforced by using a common, universal tool (MS Visio)

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Theme 3

A Repository – The Architectural Knowledge Base

The management burden – stewardship

We require one full-time resource to run a repository

They must take ownership and **stewardship** of it

Stewardship has a strong educational role

1. They help teams align themselves to a common context

2. They show them how to express creative interest in the common language (determined and enforced by the tool)

3. Implicit corporate standards are contained within this common language (constrained Visio)

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The repository characteristics

The repository consists of:

- **Team spaces**
- **Enterprise spaces** (shared)
- **Framework spaces**
  - Primitives, or data (SID), function (eTom) & building blocks (TAM)
- **Transition frameworks**
  - TOGAF 9, COBIT, roadmap templates

Primitives provide a common taxonomy

Transition frameworks inform the construction of building blocks (meta-model**)**

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Collaboration is everything

If you want to collaborate, **you need a repository-based tool**

Collaboration enables common reference points and re-use

If you have 20 teams all creating an object you will end up with 20 objects!

With a repository and with re-use you only end up with 1 object

This transforms accuracy, comparability and speed

Collaboration enables **communication** - It integrates team architects to stakeholder views

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If you want to collaborate, you need a repository-based tool

We chose iServer, from Orbus Software, for the following reasons:

- A powerful repository with access, version control, etc.

- We were able to leverage (re-use) MS Office documents and Visio immediately

- TOGAF 9 templates, relationships and meta-data were provided "out of the box"

- Easy-to-Use, ensuring team members could become productive immediately

- Orbus provided good training and support, both on-site and remotely

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