The South African EA Forum

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Work Groups
- Business Architecture
- Cloud Computing
- Quantum Lifecycle Management (QLM)
- Semantic Interoperability
- Service Oriented Architecture

TOGAF next work streams

- TOGAF next Part 1 - the continued effort to create a clear, cohesive, comprehensive & consistent EA Framework

- TOGAF next Part 2: Guide to Architecture for the purpose of Strategy, Project, & Program - the effort to craft a how-to guide aimed at the leader of an EA Team

- TOGAF next Part 2: Guide to Business Architecture - the effort to craft a how-to guide for the business architecture domain

- TOGAF next Part 2: Guide to Application Architecture - the effort to craft a how-to guide for the application architecture domain

- TOGAF next Part 2: Guide to Data/Information* Architecture - the effort to craft a how-to guide for the Data/Information architecture domain

- TOGAF next Part 2: Guide to Information Technology Architecture - the effort to craft a how-to guide for the information technology architecture domain

- TOGAF next Part 2: Guide to High Assurance Architecture - an effort just starting to craft a how-to guide for the high assurance - this guide is being led as a separate initiative by the RTES Forum.

- TOGAF next Security Project - this is an associated initiative by the Security Forum to ensure Security & Risk are properly integrated in Part 1 & the 4 Architecture Forum Part 2 guides

An Agile Approach to Architecture

- At this month's EA Forum, Quinton Pienaar will describe how MiX Telematics formalised their business operating model and modelled the enterprise processes so as to replicate them in all regions and functions across the group. Quinton's presentation looks at how they combined an agile approach with the rigours of Enterprise Architecture to deliver fast results to the organisation.

- Quinton Pienaar changed roles from CIO to Divisional Director: Business Systems at MiX Telematics in January this year. He is responsible for changing the organisational culture by modelling and implementing enterprise processes and the supporting business systems. Quinton has a Msc in Information Systems Management from the University of Liverpool.

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An agile approach to architecture

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Introduction to MiX Telematics

- MiX Telematics, a "global provider of driver safety, vehicle tracking and fleet management services and solutions"
- Revenue of R 1 Billion - June 2012
- B2B and B2C Business
- Partner and Direct selling and support
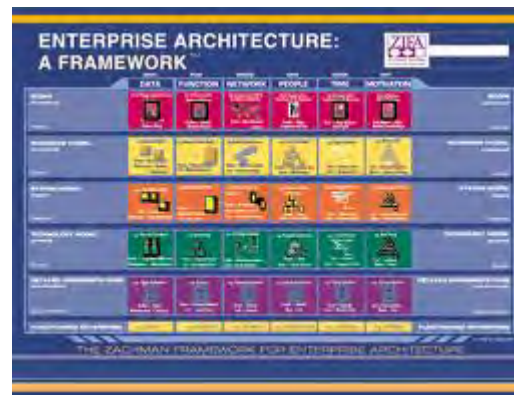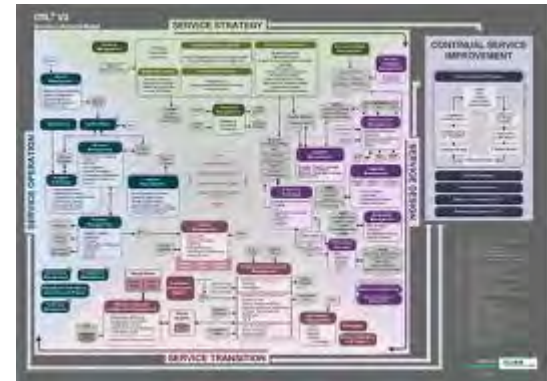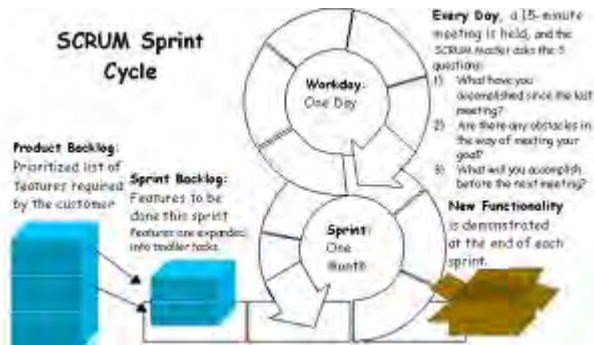- JSE listed

MiX Needs

Objectives

- Lead organisation transformation by modelling enterprise processes and establishing a business model to suit an organisation brought about by mergers and acquisitions
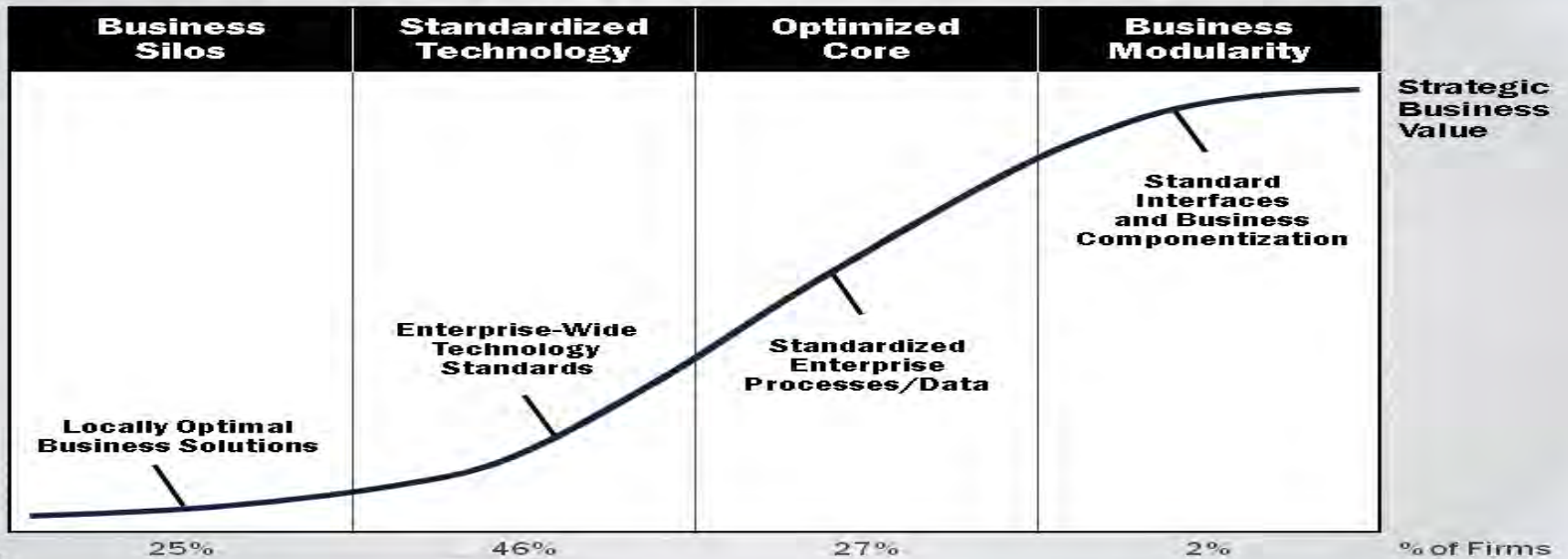
Scope

- Establish enterprise processes that will replicate in all regions and functions across the group

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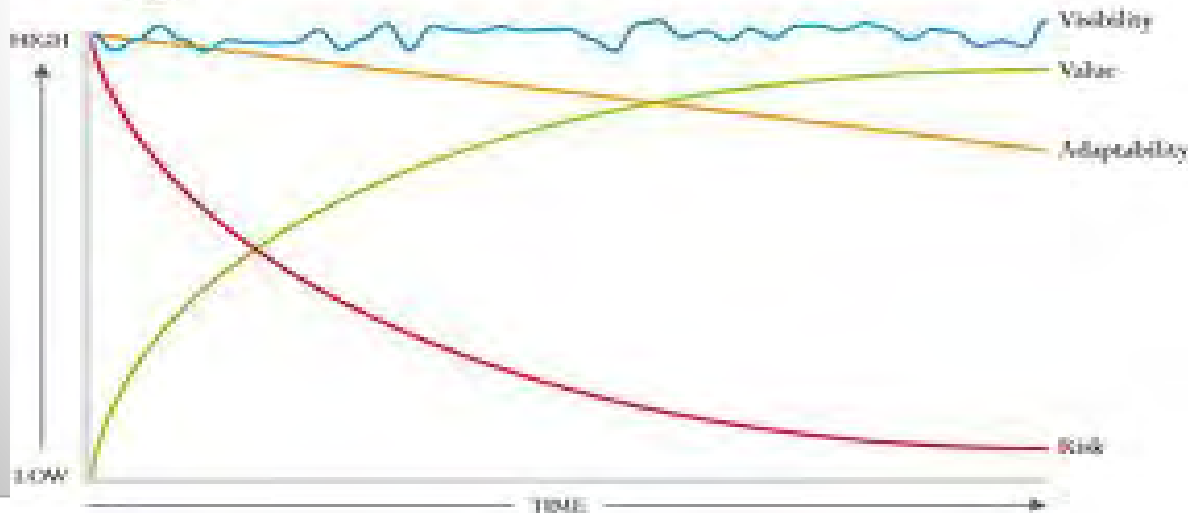MOBILE INFORMATION EXCHANGE

Challenges?

Enterprise architecture builds agility over time

Business Silos	Standardized Technology	Optimized Core	Business Modularity

Strategic Business Value

Standard Interfaces and Business Componentization

Enterprise-Wide Technology Standards

Standardized Enterprise Processes/Data

Locally Optimal Business Solutions

| 25% | 46% | 27% | 2% | % of Firms |

Agile

Visibility

Value

Adaptability

Risk

TIME

Approach

Executive buy-in

CONTRACT
THIS AGREEMENT made this

URGENT NEEDS

Value
Just Barely
Good Enough
Ideal
Realistic
Effort

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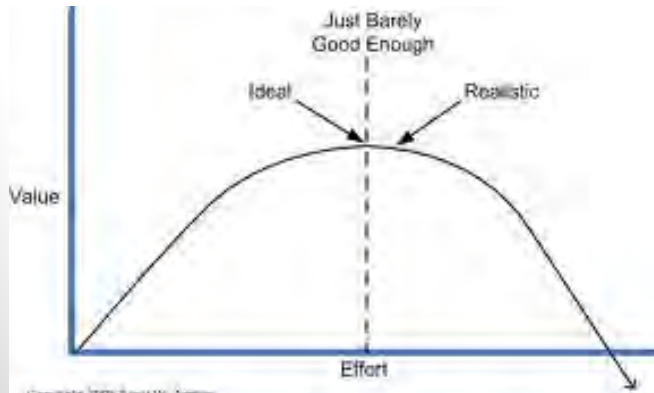
Principles
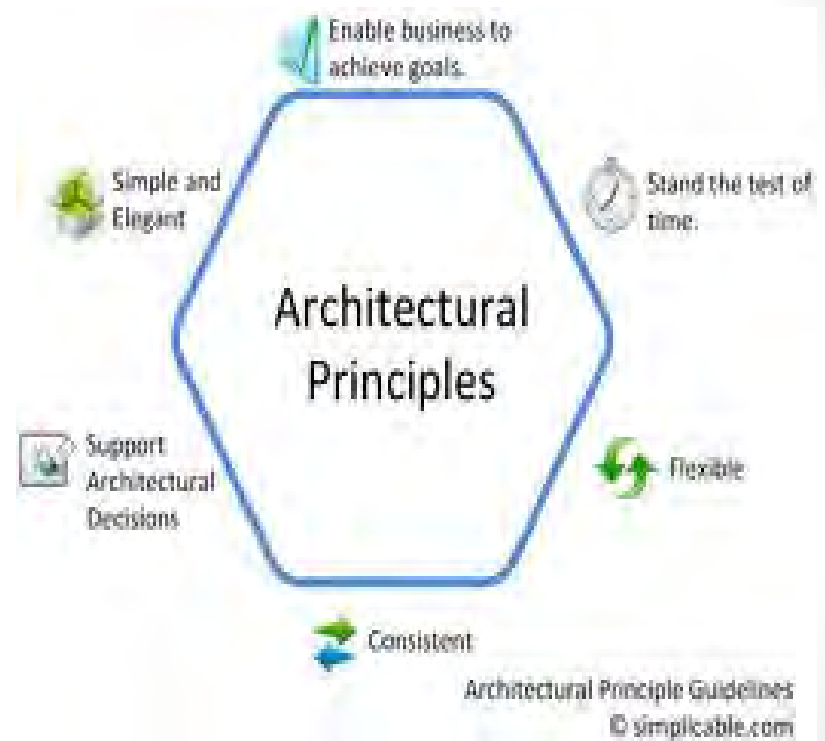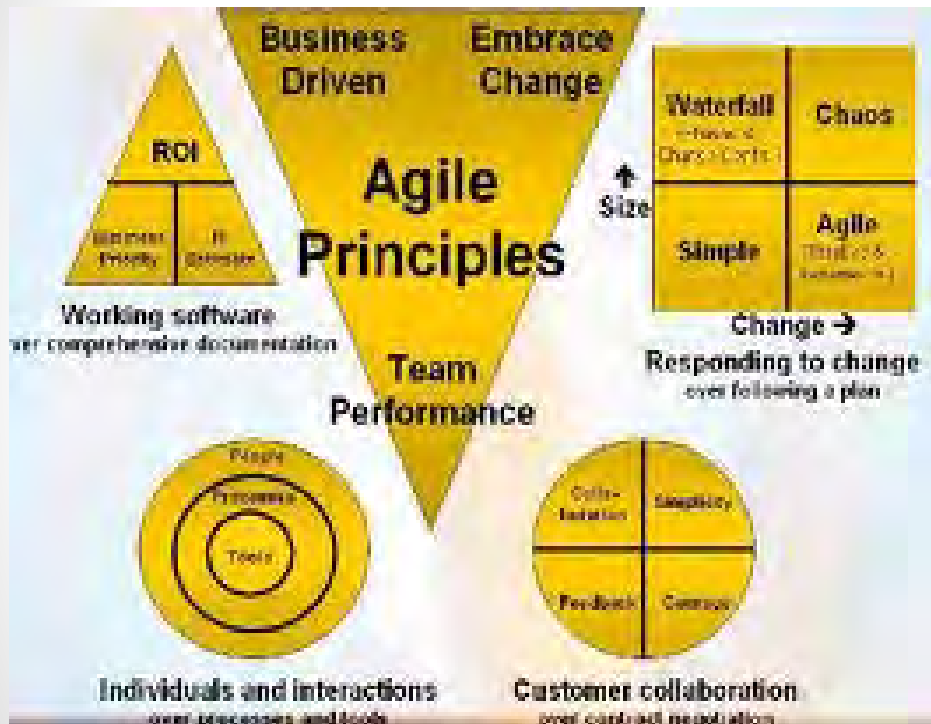
What value does Agile bring?

DEFINITION OF LEANNESS: CONTINUOUS IMPROVEMENT OF THE COMBINED EFFICIENCY-EFFECTIVENSS ATTRIBUTES

FLEXIBILITY...

Responsiveness

the same old thinking — the same old results

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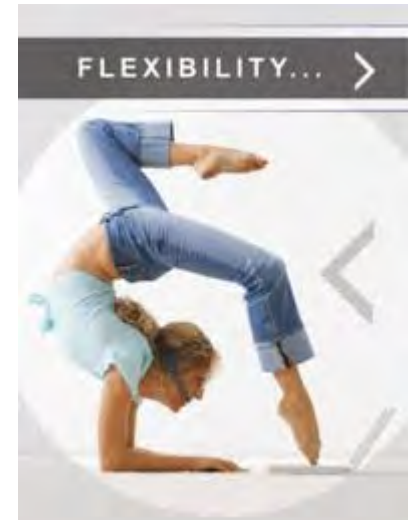
Objectives for Agile Enterprise Architecture

Influences

Technology Considerations

- Systems are more complex than ever, understanding the relationships and delivering value is more difficult

- Systems need to be fast, responsive and scale.
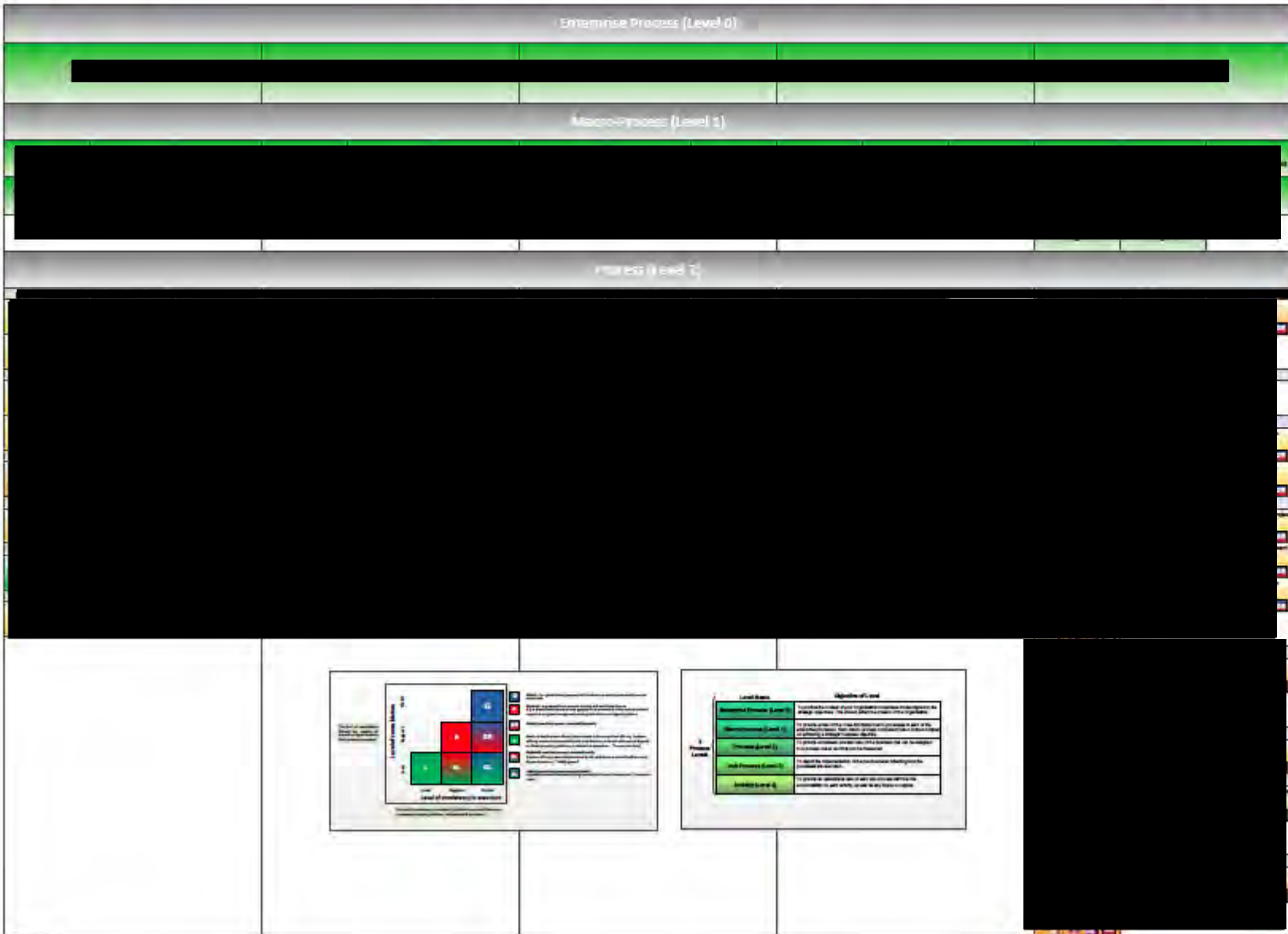- The expectation is always on, no excuses

- Connected systems and the the 'internet of things' increases risk and must be managed

Focused iterations

Iteration 1

Conceptual Business Process Maturity Model

Iteration 2

- "Manage the Customer Lifecycle"

Attract Prospect

Sell Solution

Fulfil Order Delivery

Realise And Grow Value

Iteration 3

Summary

Change

Questions?

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