

Architecting
the **Enterprise**

Getting Started with TOGAF

Simon Dalziel

www.architecting-the-enterprise.com

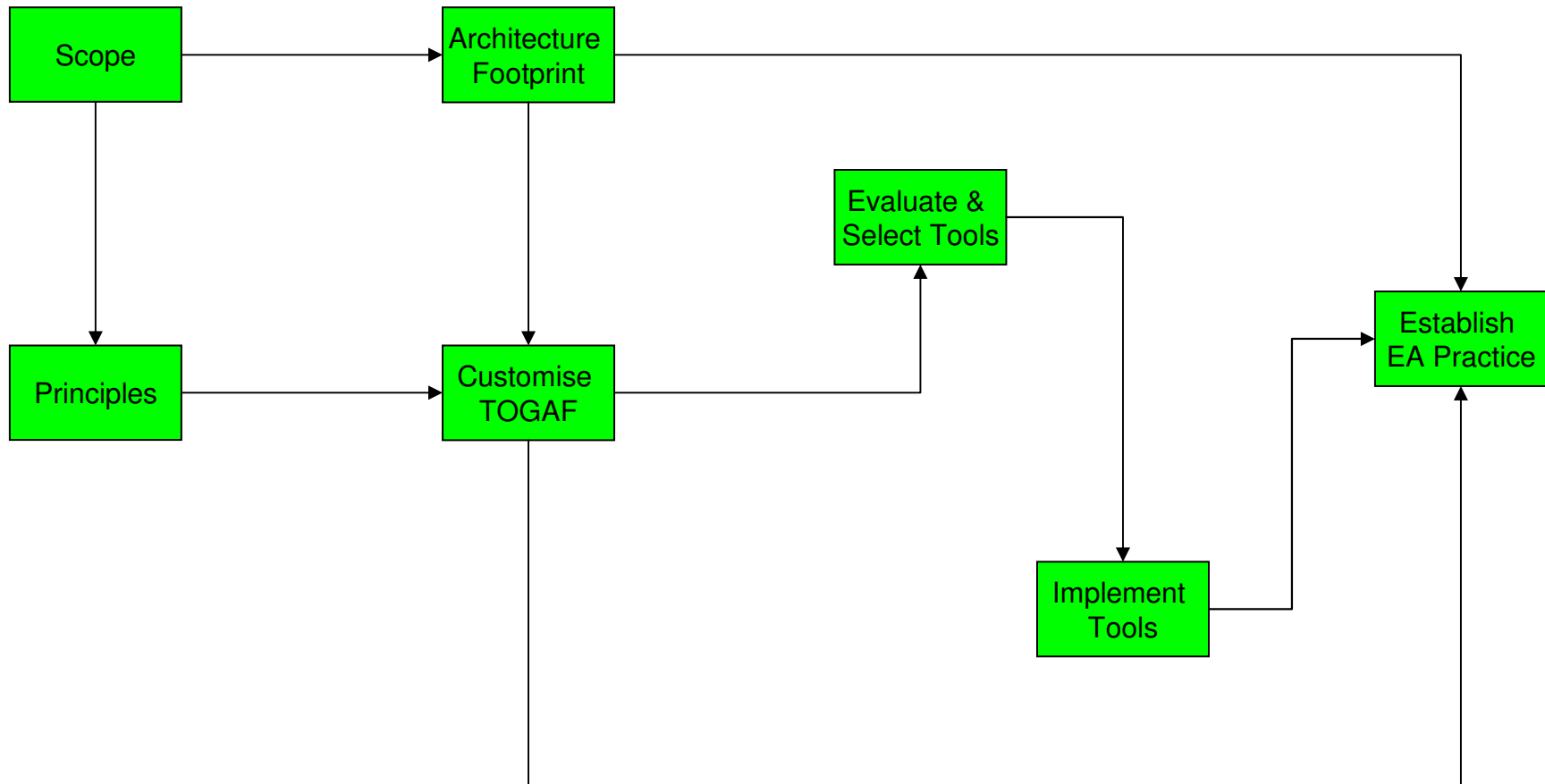
TOGAF Preliminary Phase

- Scope
- Principles, goals and objectives
- Architecture Footprint
- Customisation of TOGAF
- Governance
- Tools

Outline Process

- Set EA Scope
- Develop Architecture Principles
- Define Architecture Footprint
- Customise TOGAF
- Evaluate and Select Tools
- Implement Tools
- Establish the EA Practice

Outline Process



EA Scope

- Four Dimensions
 - Breadth - the extent of the enterprise
 - Architecture domains
 - Depth - level of detail
 - Time horizon

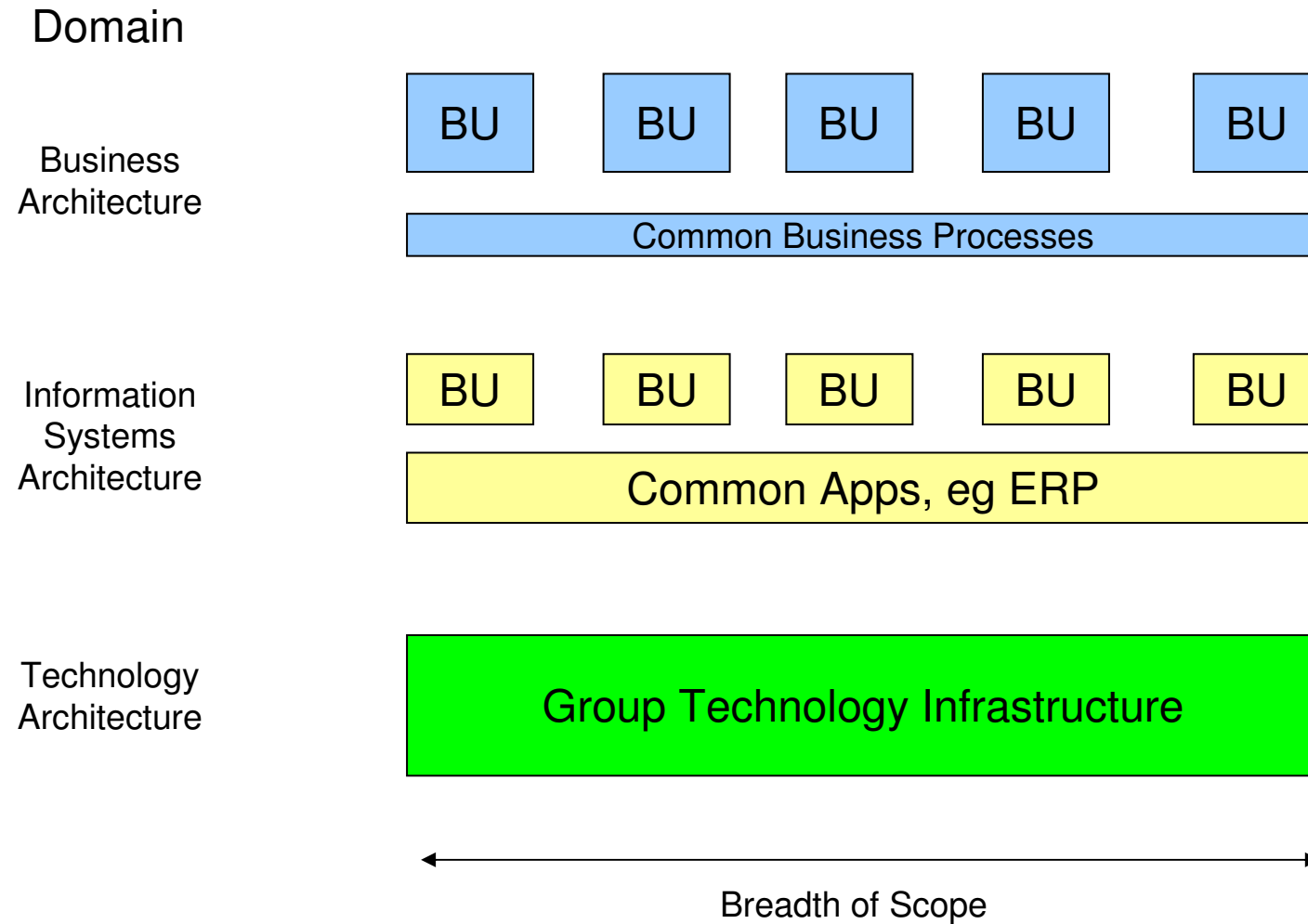
EA Scope

- Federated Architectures
 - Many enterprises are a federation of organizational units, each of which could be considered an enterprise in its own right

Scoping a Federated Architecture

- Agree which building blocks (BB) in each architecture domain belong to which Architecture Organisation Unit (AOU)
 - One AOU for Group IT
 - One AOU for each Business Unit (BU)
- Criteria
 - Group owns
 - TA BB that impact >1 BU
 - BU owns
 - BB that only impact 1 BU
 - Who owns BA & ISA BB that impact >1 BU?

Scoping a Federated Architecture Example



Scoping a Federated Architecture Example

- BB in a BU box belong to the BU
- BB in a big box belong to Group
- Portfolios are represented as Views
- There will be associations between BU BB and Group BB within each domain and across domains
- A common Technology Infrastructure has been assumed

Principles

- Review existing principles
- Develop additional principles as required
 - Use TOGAF Examples

Architecture Footprint

- Stakeholders
- Roles & Responsibilities
 - eg RACI
- Governance

Customise TOGAF

- Identify any existing standards to be used, including:
 - Documentation
 - Modelling
- Identify any additional specific requirements, including:
 - Viewpoints
 - Matrices
 - Mapping to other frameworks and architecture artifacts

Customise TOGAF

- Document the (organisation specific) EAF, including
 - Phases & Steps within phases
 - Artifacts (products)
 - EAF Metamodel
 - EAF ADM Process Model
 - Develop product descriptions for the EAF artifacts
 - Include modelling standards
 - Map EAF artifacts to the Enterprise Continuum

Evaluate and Select Tools

- Identify and document TOGAF requirements
 - TOGAF 8.1 CSQ
 - TOGAF 8.1 Resource Base
- Identify and document enterprise requirements
 - Metamodel
 - Standards
 - Stakeholder concerns
 - Constraints
- Identify current tools

Evaluate and Select Tools

- Shortlist vendors
- Define evaluation criteria
- Complete evaluation
 - Include current tools, if appropriate
 - Map tool metamodel to EAF metamodel
- Select tool(s)

Implement Tools

- Map EAF artifacts to the selected tool(s)
- Identify the selected tool artifacts to be used
- Identify tool customisation requirements
 - Modelling
 - Interoperability

Establish the EA Practice

- Maturity Audit & Assessment
 - Eg ACMM
- Skills
 - Requirements
 - Eg TOGAF Skills Matrix
 - Audit
- Training
 - Requirements
 - Plan
 - Delivery
- Recruitment?

Deliverables

- Customised ADM
- Product descriptions for EAF artifacts
- Mapping of EAF artifacts to the selected tool(s)
- Tool customisation requirements
- EAF Metamodel
- Training Programme