

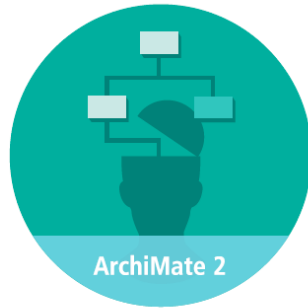
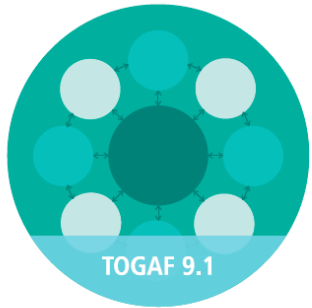
# Introducing BEASI™ 3.0

**B**iner **E**nterprise **A**rchitecture **S**tandard **I**ntegration

A Biner software plugin for  
Sparx Enterprise Architect



# Introducing BEASI™ 3.0



The concept is based on the union of three global standards:

- **TOGAF 9.1**  
as the established framework and method to develop the architecture
- **ArchiMate 2**  
as the unified notation to describe the architecture
- **Sparx Enterprise Architect**  
as the modeling tool and repository to document and share the architecture

# Benefits

## Effective EA

By uniting popular global standards your organization can benefit from shorter lead times, increased productivity and reduced business risks.

## Properly Developed Structures

Access to the TOGAF 9.1 method and the notation ArchiMate 2.1, gives you a developed structures for your projects, giving you a kick start.

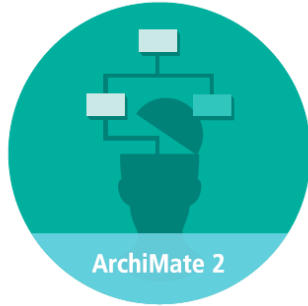
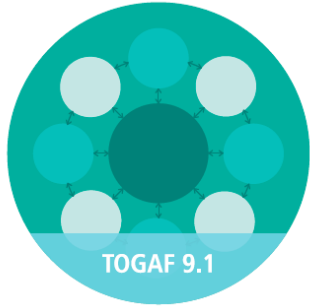
## Reuse of Information

The integration of method, notation and tool makes your projects structured with smooth management. All the information you create can be reused.

## Cross Project Collaboration

A central repository makes it possible to share all information you create and enables you to run several change projects simultaneously

# Features



In order to further improve the support for executing architecture using TOGAF, ArchiMate and Sparx Enterprise Architect Biner have released BEASI version 3

## Highlights

- Automatic generation of ArchiMate 2 compliant viewpoints
  - Choose one element and BEASI does the rest for you
- Improved relationship matrix
  - Showing all derived relations, several steps away
  - Make a derived relation into an explicit relation
  - Enhanced help when adding new relations
- Automated relations management
  - Diagrams can be checked for nested elements
  - BEASI helps you choose the correct relation
  - Hide redundant relations on a diagram

# Tools for ADM execution

## Preliminary and Vision Phases (P & A)

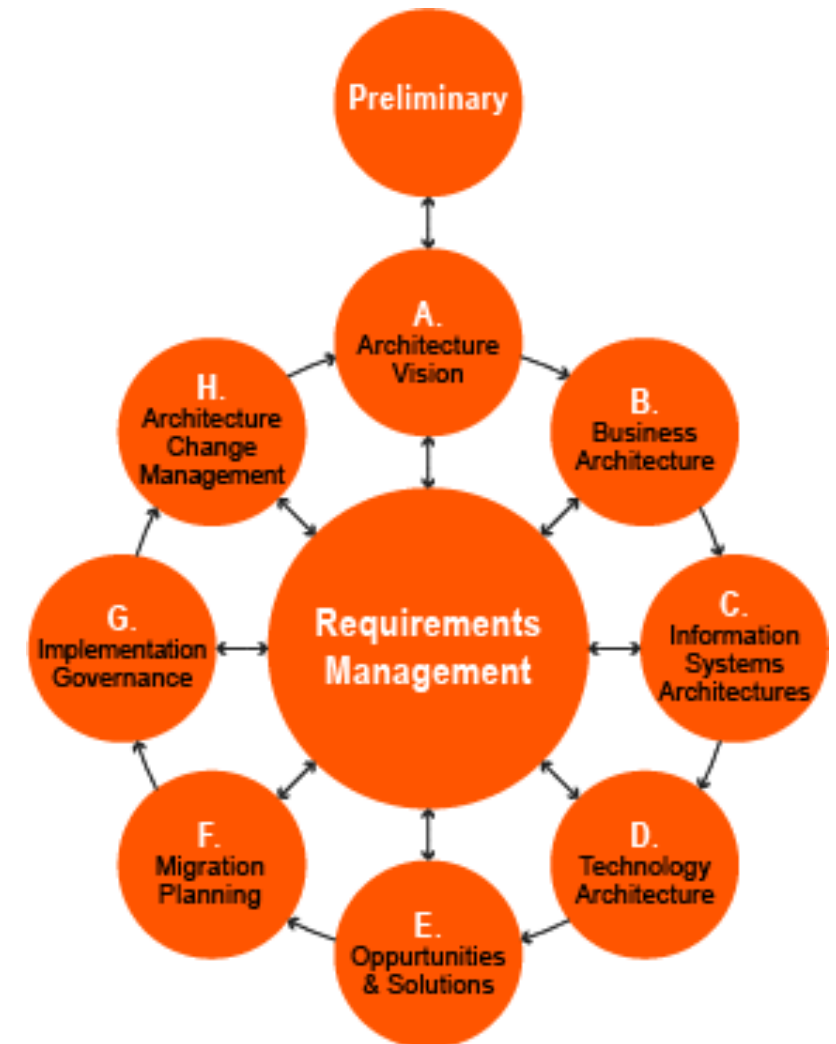
- Building a repository and project structure

## Architecture Development Phases (B, C & D)

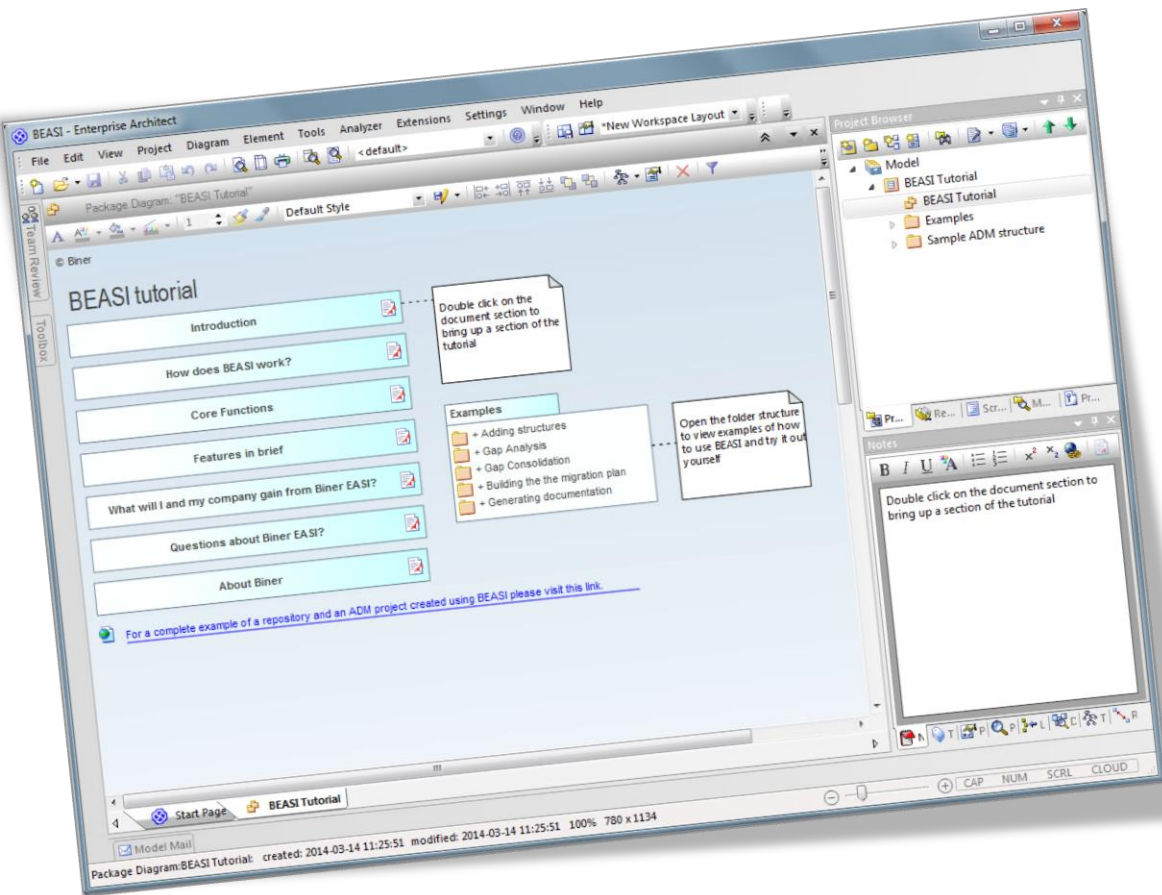
- Generation of gap diagrams
- Consolidation of gaps

## Architecture Planning Phases (E & F)

- Identification and analysis of gap dependencies
- Association of gaps to work packages (projects), deliverables, plateaus (transitions)
- Generation of Architecture Definition Increments Table (i.e a draft project structure)



# Getting started



## Prerequisites

- Ensure Sparx Enterprise Architect is installed
- BEASI is installed

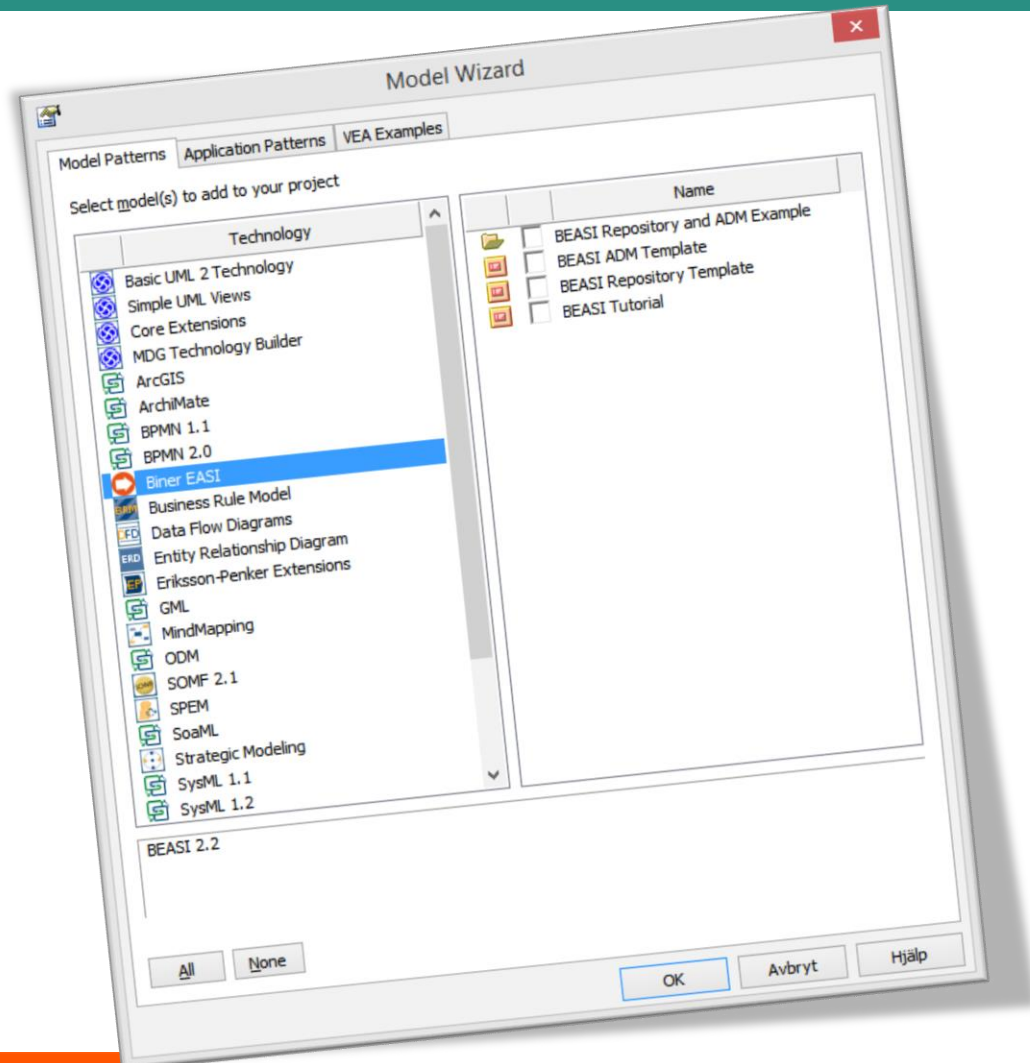
## Execution

1. Start Sparx Enterprise Architect and enter your license key in the dialog that appears
2. Once Sparx Enterprise Architect starts start a new project and save it
3. In the wizard dialog that opens automatically locate the **Biner EASI technology**
4. Select the **BEASI tutorial** and select 'Ok'
5. Go to the project browser and locate the diagram **BEASI tutorial**

## Result

- BEASI successfully installed with tutorial


# Building a new structure



## Prerequisites

Ensure the standard version of BEASI is installed  
(In the trial version it is only possible to view an export of the template structures)

## Execution

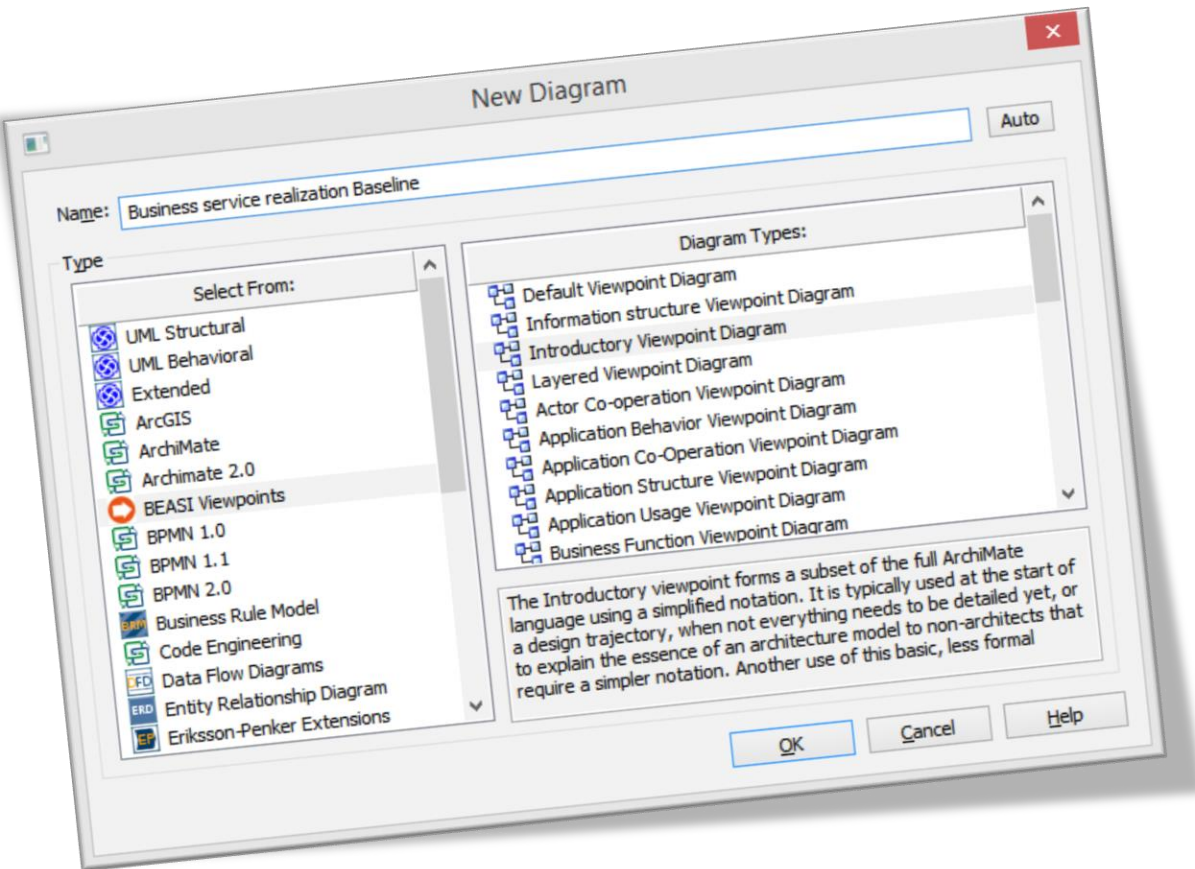
1. Open an existing project or create a new one (CTRL+N)
2. Select the **New model from pattern**  icon in the project browser
3. Locate the **Biner EASI technology** in the dialogue box
4. Select one (or more) of the following structures:
  - BEASI ADM template
  - BEASI Repository template
  - BEASI Repository and ADM example
5. Select 'Ok' and wait for the structure to be created  
(this can take a while)

## Result

The selected structures are created in the project browser





# Building models



## Prerequisites

A package structure have been created in the project browser

## Execution

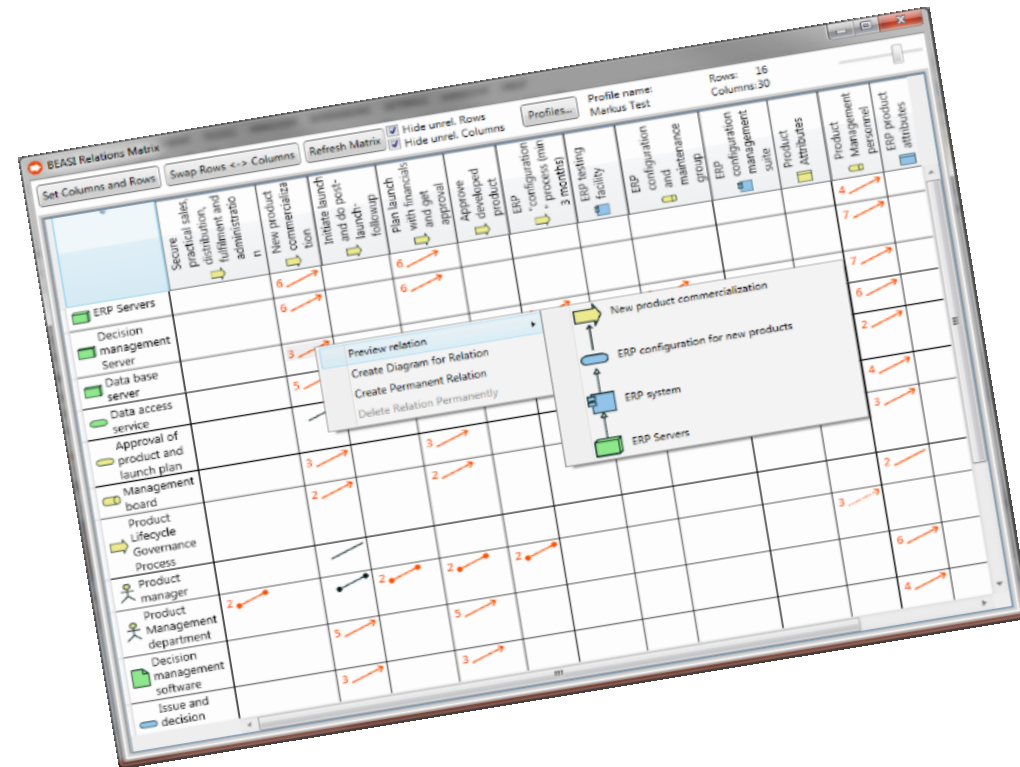
1. Modify and amend template diagrams included in the predefined structure as required
2. When additional views are needed, create a package to contain these by selecting the **New package** icon  in the project browser
3. Insert a new diagram by selecting the **New diagram** icon  in the project browser
4. Select the appropriate BEASI viewpoint in the dialog box that appears

## Result

A diagram based on ArchiMate viewpoint is created



# Relationship Matrix

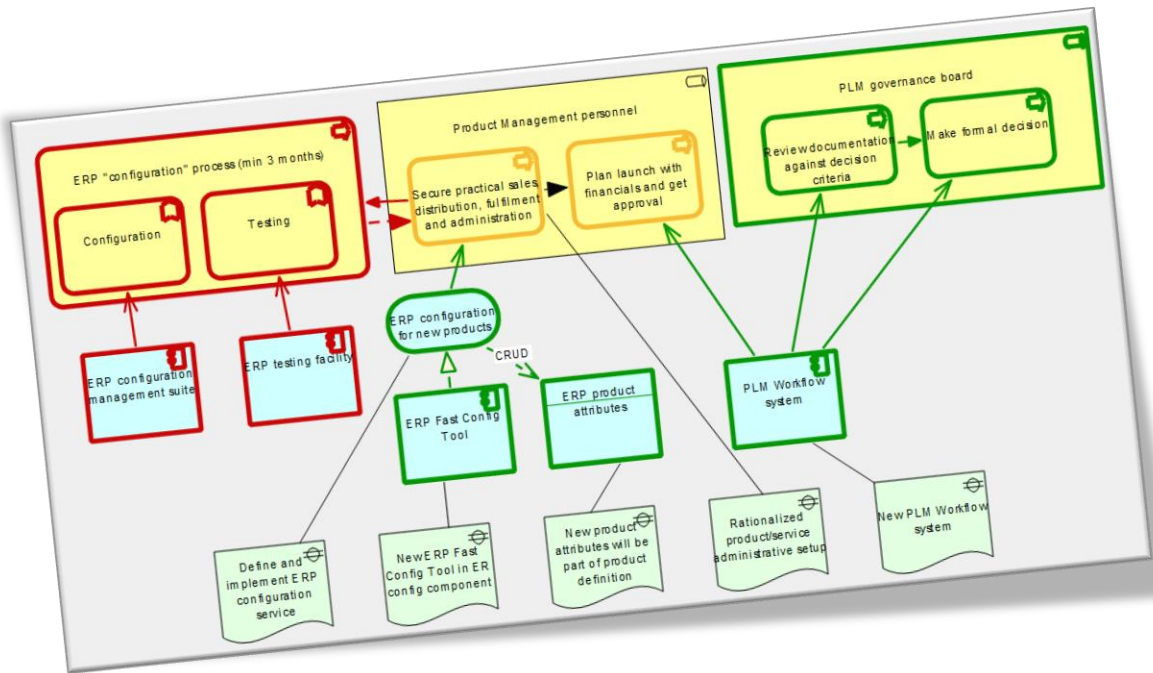


1. Showing all derived relations, several steps away

2. Make a derived relation into an explicit relation 

3. Enhanced help when adding new relations 

# Gap analysis



## Prerequisites

1. Create a viewpoint package (e.g. an Application landscape)
2. Add a baseline package (containing the word *baseline*) and build a baseline view
3. Add a target package (containing the word *target*) and build a target view

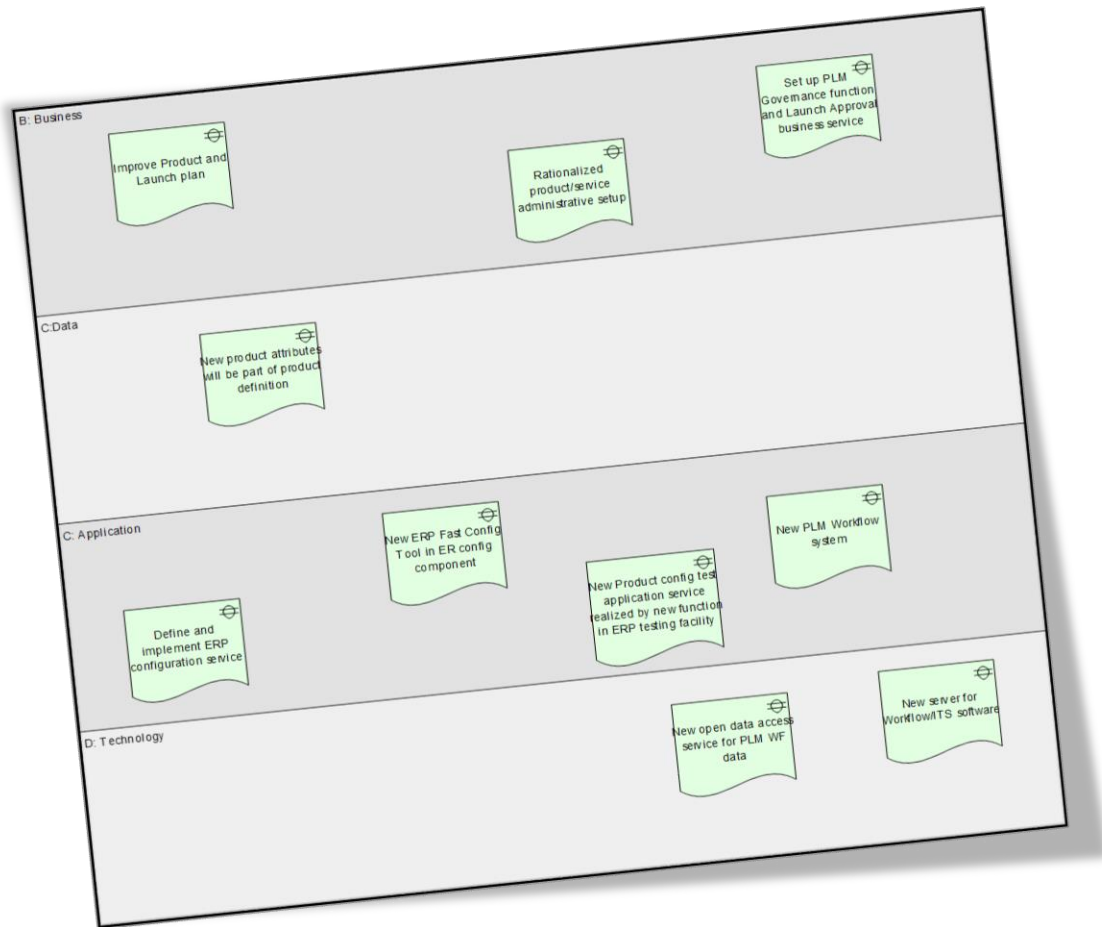
## Execution

1. In the project browser select the viewpoint package
2. Select **Gap analysis** from the Extensions > BEASI menu

## Result

A gap diagram is created, where differences between baseline and target are highlighted

# Gap consolidation



## Prerequisites

- Gap elements have been added to all gap diagrams describing the required changes

## Execution

- In the project browser select top package of the architecture definition project
- Select **Generate Consolidated Gap Diagram** from the Extensions > BEASI menu

## Result

- All gap elements are identified in the project and presented on a single diagram

# Deriving gap dependencies

## Prerequisites

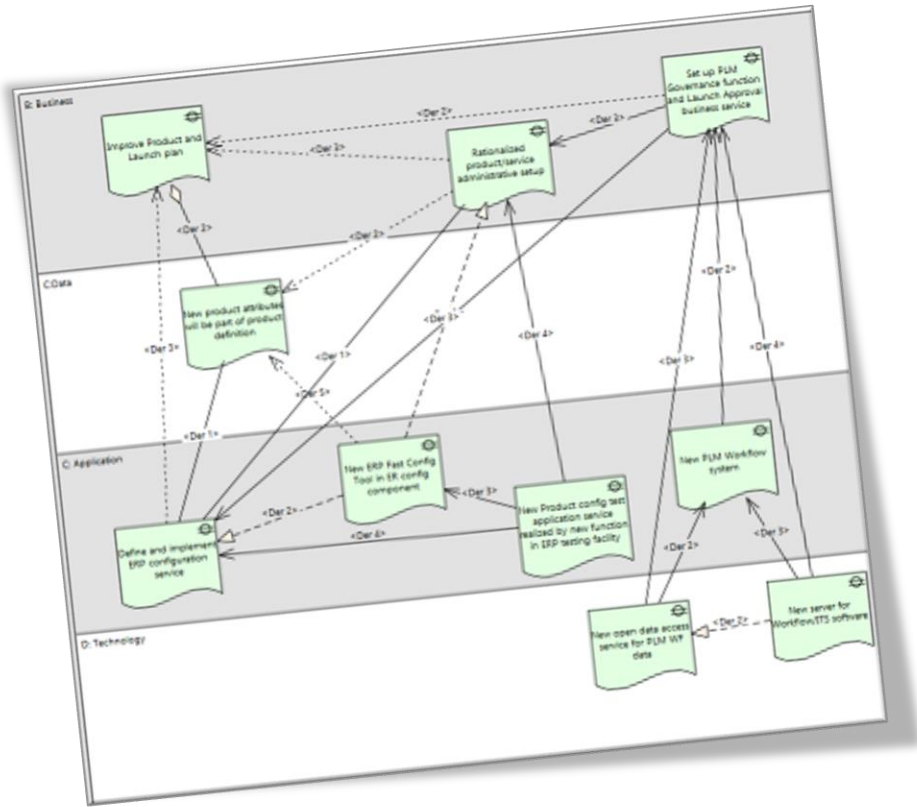
A consolidated gap diagram has been created

## Execution

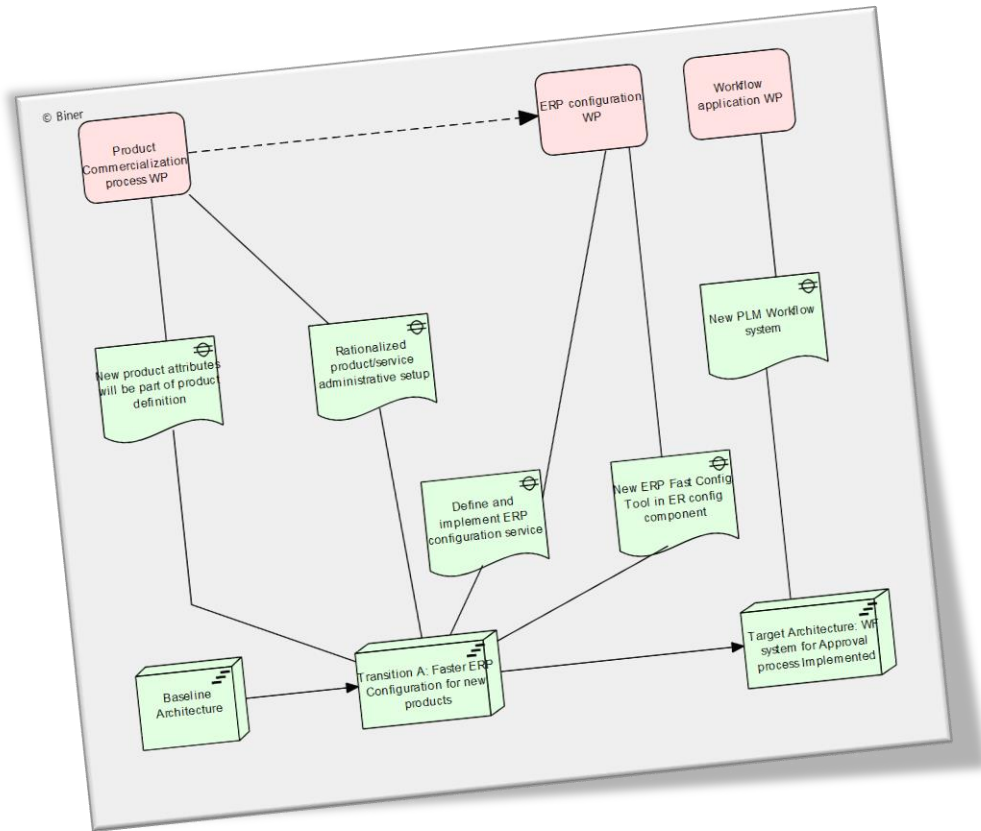
1. Open the consolidated gap diagram
2. Select **Derive gap dependencies** from the Extensions > BEAS menu

## Result

- Derived relationships between gaps are added to the diagram.
- The elements behind the derived relationships can be visualized using the command **Show elements on gap dependency path**



# Migration planning



## Prerequisites

- All gaps are identified and analyzed

## Execution

1. Place a group of previously defined gap elements on a new diagram
2. Select one of the following alternatives from the Extensions > BEASI menu:
  - **Connect to new work package**
  - **Connect to new plateau**
  - **Connect to new deliverable**

## Result

Depending on the alternative a new work package, plateau or deliverable is created associated with the previously selected group

# Migration planning

Project	Baseline Architecture	Transition A: Faster ERP Configuration for new products	Target Architecture: WF system for Approval process Implemented	<No plateaus defined>
ERP configuration WP		Define and implement ERP configuration service		
ERP configuration WP		New ERP Fast Config Tool in ER config component		
Product Commercialization process WP		Rationalized product/service administrative setup		
Product Commercialization process WP		New product attributes will be part of product definition		
Workflow application WP			New PLM Workflow system	

## Prerequisites

- This feature generates a draft project plan in the form of a TOGAF architecture Definition Increments Table
- In order to allow generation gaps must have been associated to work packages and the gaps must have been associated with a transaction architecture represented by a plateau element.

## Execution

1. In the project browser select the top package of the ADM project
2. Select **Generation of Architecture Definition Increments Table** from the Extensions > BEASI menu
3. Specify a filename to save the plan

## Result

This feature generates a csv-file which can be imported to excel



# Generating documentation



## Prerequisites

This feature utilizes the built in virtual documentation functionality in Sparx Enterprise Architect

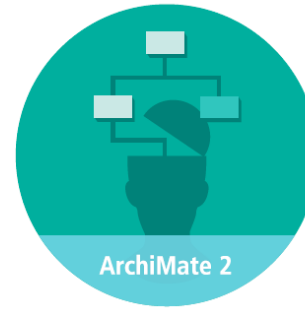
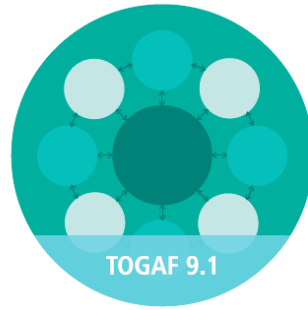
## Execution

1. In the project browser locate the predefined ADM Deliverables package
2. Select one of the predefined master documents e.g. Architecture Definition Document
3. Select **Generate Documentation RTF/PDF** from the Project > Documentation menu

## Result

This feature generates a RTF document using the master templates in Sparx Enterprise Architect





If you have not yet downloaded BEASI or want more information please visit

[http:// www.beasisoftware.com](http://www.beasisoftware.com)