

UML[®] Profile for BIZBOK[®]
“Modeling for Everyone”

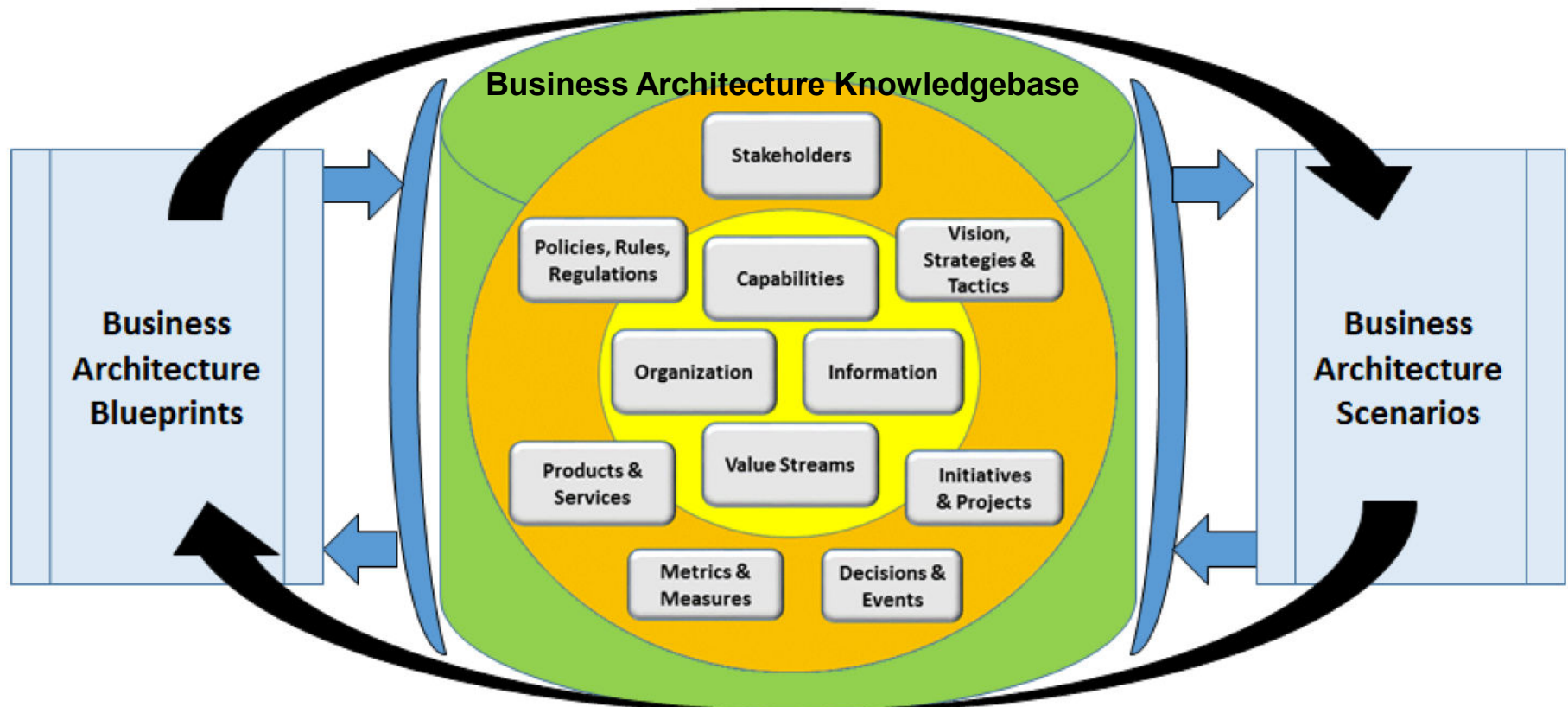
Twin Cities Business
Architecture Summit 2016

Armstrong Process Group, Inc.
www.aprocessgroup.com

About APG

- APG's mission is to
 - “Align information technology and systems engineering capabilities with business strategy using proven, practical processes delivering world-class results.”
- Industry thought leader in enterprise architecture, business modeling, process improvement, systems and software engineering, requirements management, and agile methods
- Member and contributor to
 - UML, SysML[®], SPEM, UPDM[™]/UAF, BMM at OMG[®]
 - TOGAF, ArchiMate[®], IT4IT[™] at The Open Group
 - UML Profile and Metamodel teams at Business Architecture Guild
- Business partners with Sparx, HP, and IBM
- Open Group Accredited Training Provider, Guild Accredited Training Partner[™], IIBA[®] Endorsed Education Provider (EEP[™])

BIZBOK Business Architecture Framework



- Blueprints provide views into knowledgebase, based on stakeholder concerns
- Scenarios contextualize expected outcomes of business architecture work
 - Also inform initial selections of key stakeholders and likely concerns

Value Proposition



- Uplift professionalism of practitioners
 - Transition from office productivity tools to formal modeling solutions
- Increase adoption of BIZBOK-based modeling
 - Diminish requirement of end-users to create one-off custom solutions
- Provide foundation for end-user metamodel customization
 - Enable end-users to add custom properties and additional types of elements, relationships, and diagrams
- Allow integration of Business Architecture models with other models
 - Enterprise architecture (TOGAF, ArchiMate, UPDM/UAF)
 - Business process (BPMN)
 - Systems engineering (SysML)
 - Solution delivery (UML)

What Are We Building?

- UML Profile
 - Define base metatypes, metadata, and metarelationship
 - Make “open-source” to allow for end-user customization
 - Would allow end-user to create own MDG Add-In based on Profile or MDG Tech
- MDG Technology
 - Includes UML profile
 - New diagram types with specific toolboxes
 - Scripts, report templates, other stuff
 - Could also be open-sourced
- MDG Add-In
 - Create .NET assembly using C# or VB.NET
 - Add new windows/views that do special things
 - Catch EA GUI events and respond accordingly

Official Guild Team Site

COLLABORATION TEAMS: UML PROFILE FOR BIZBOK® GUIDE

 Group Pages  Directory & Features  Options

 Group Admin Options  Change Homepage Layout

 Resource Manager

News

- MDG Technology v1.0 Beta released!
- MDG Technology features
- Next meeting @ 22 Nov 2016
- View group calendar

Web Published Models

Last published 4 Nov 2016.


- Metamodel
- MDG Technology

Content

- Meeting minutes
- Model content
- UML Profile
- MDG Technology
- Guidance

Team Tools

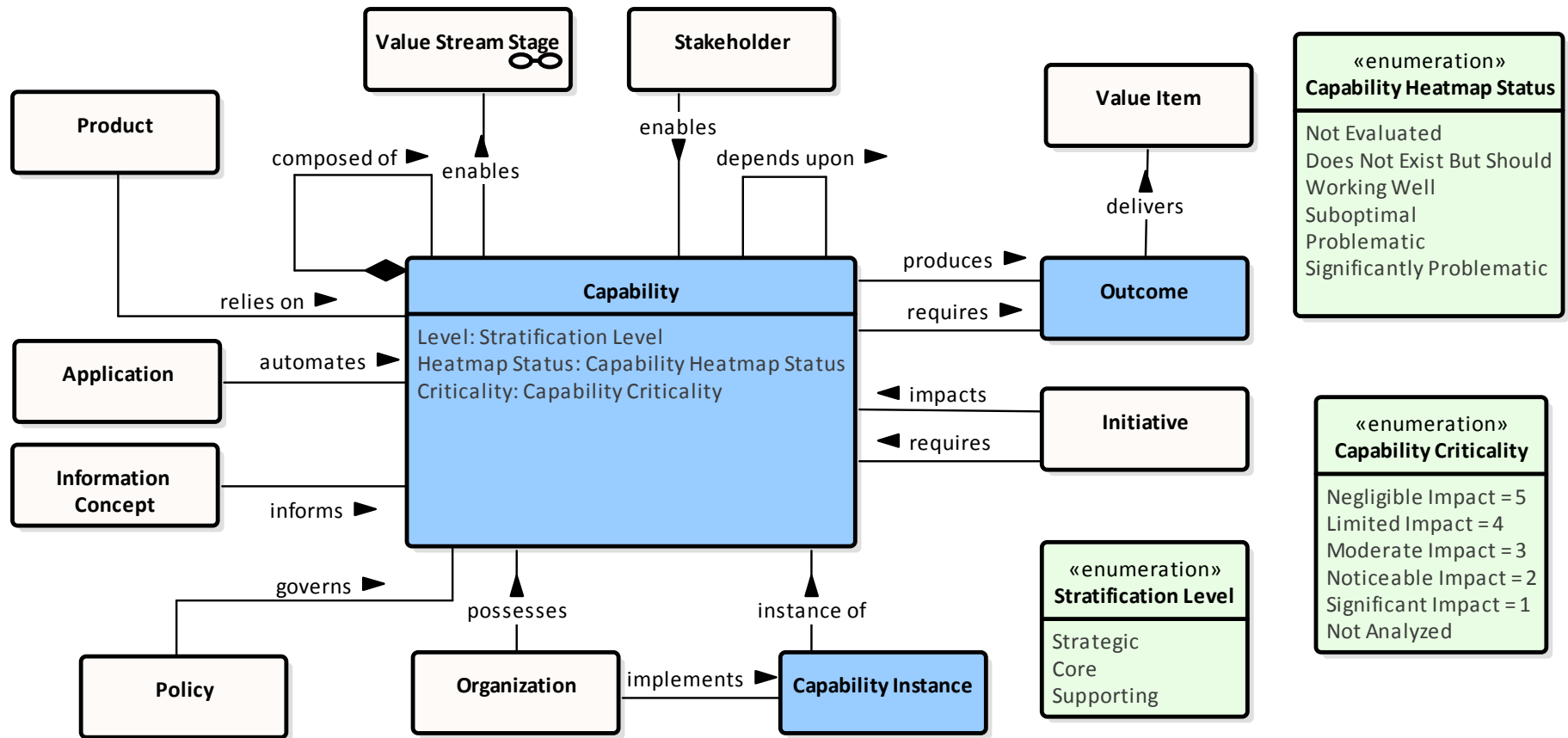
- Connect to EA cloud repository to view model
- Login into Hosted Redmine to view issues

 Group Directory
 Calendar
 Blogs
 Forums
 Photo Gallery

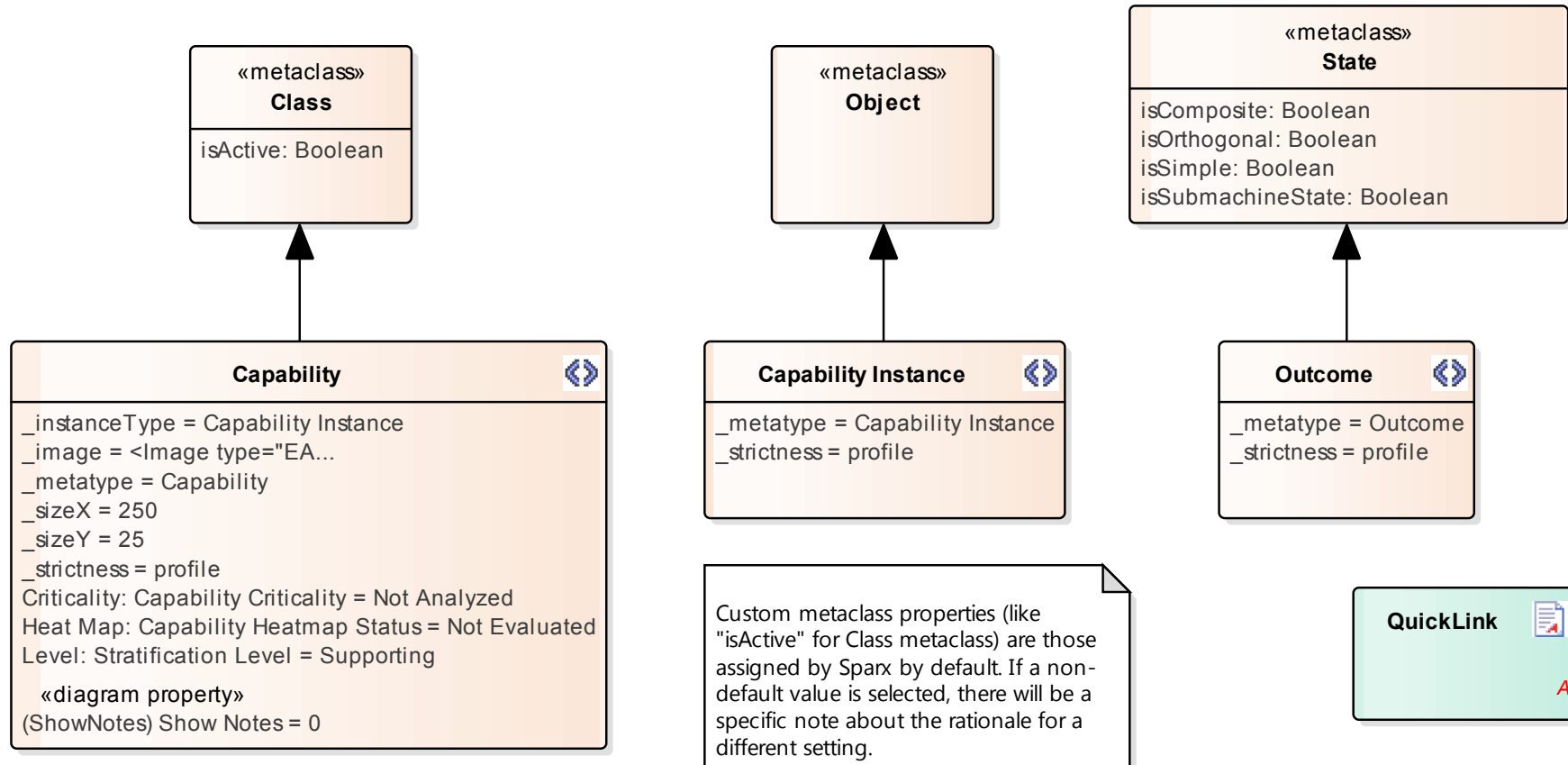
Team Members

- APG
- AIMCo
- FedEx
- Guild Metamodel
- OMG BAMB RFP

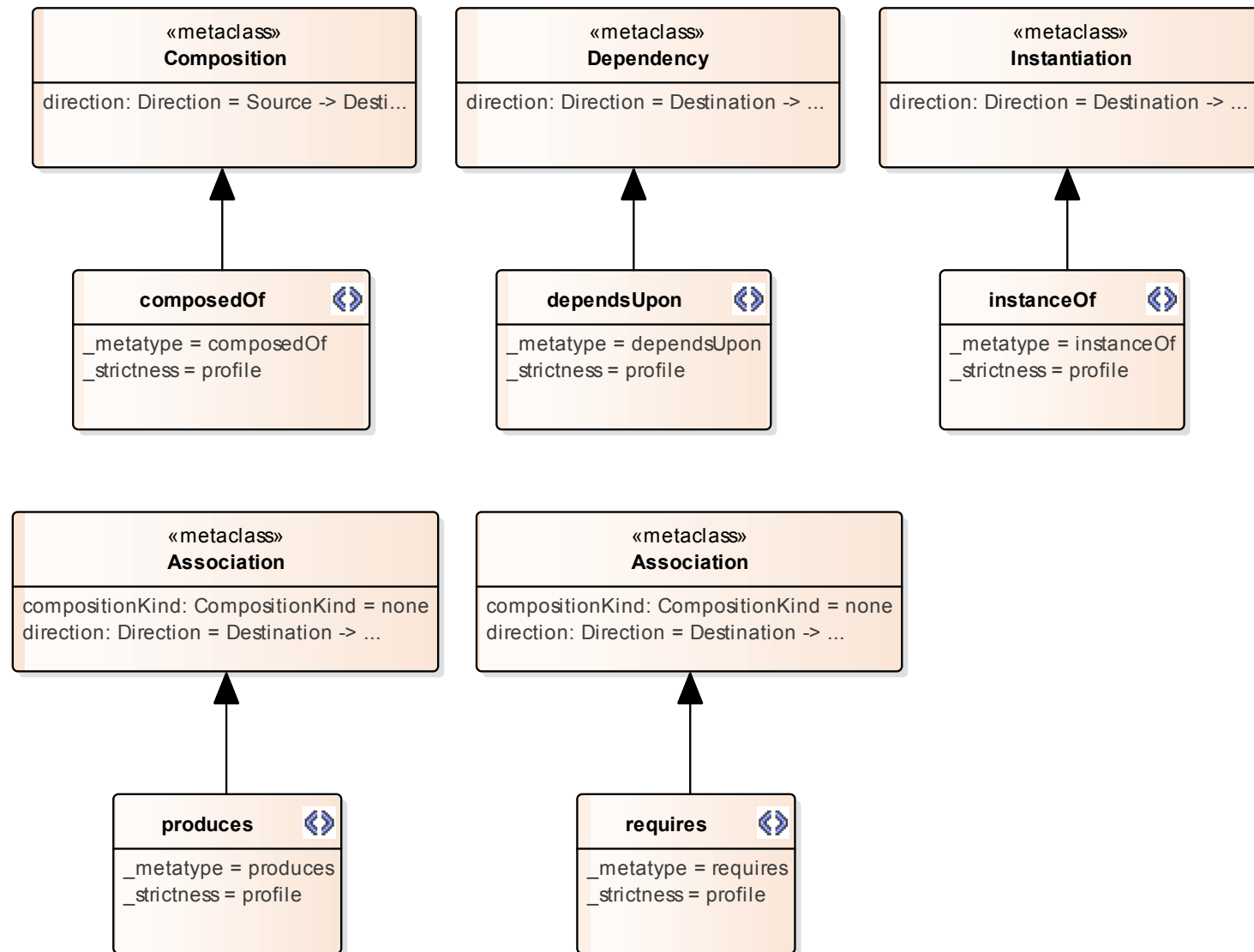
Capability – Metamodel



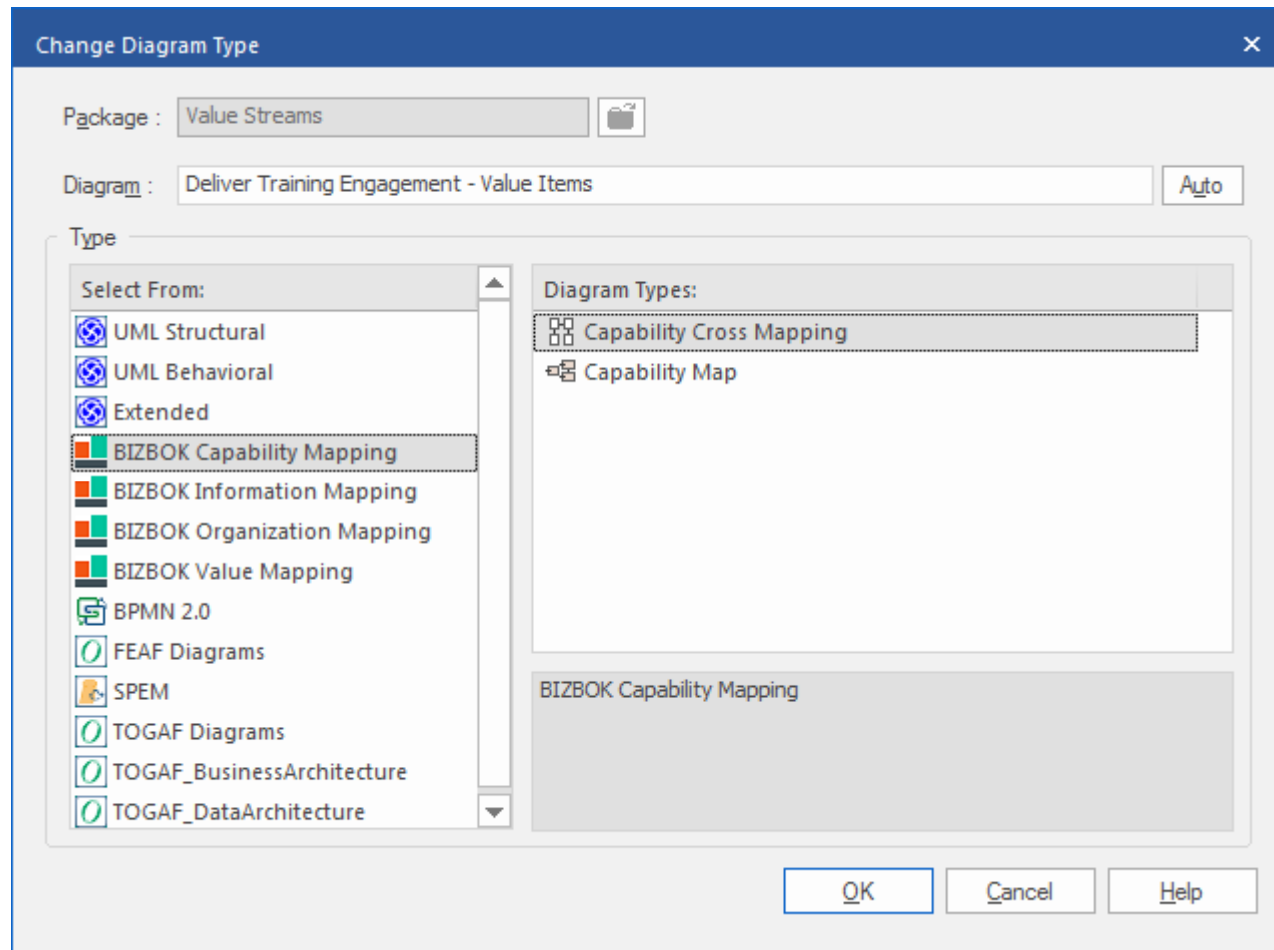
UML Profile – Capability Elements



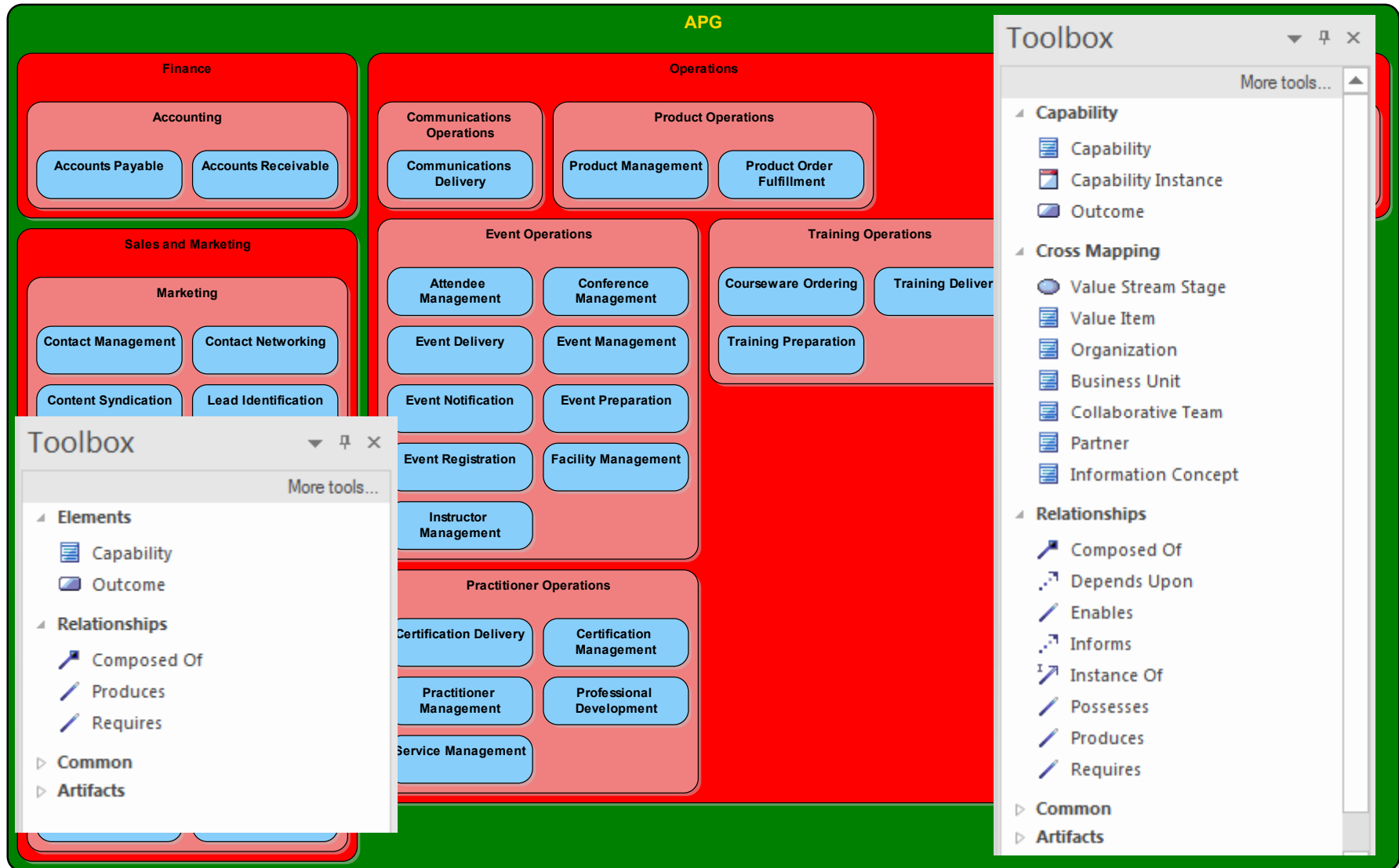
UML Profile – Capability Relationships



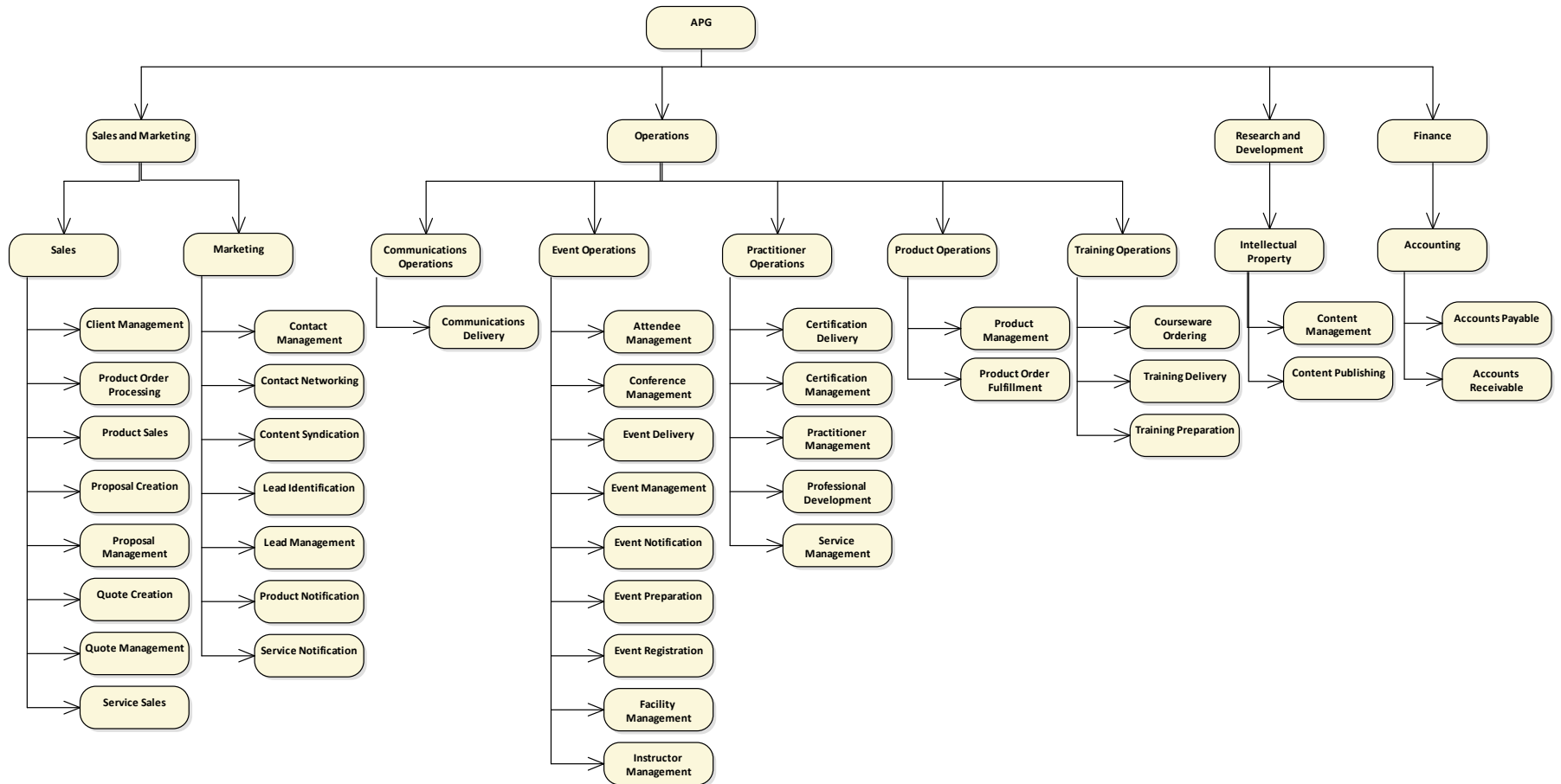
Capability Mapping – Diagram Types



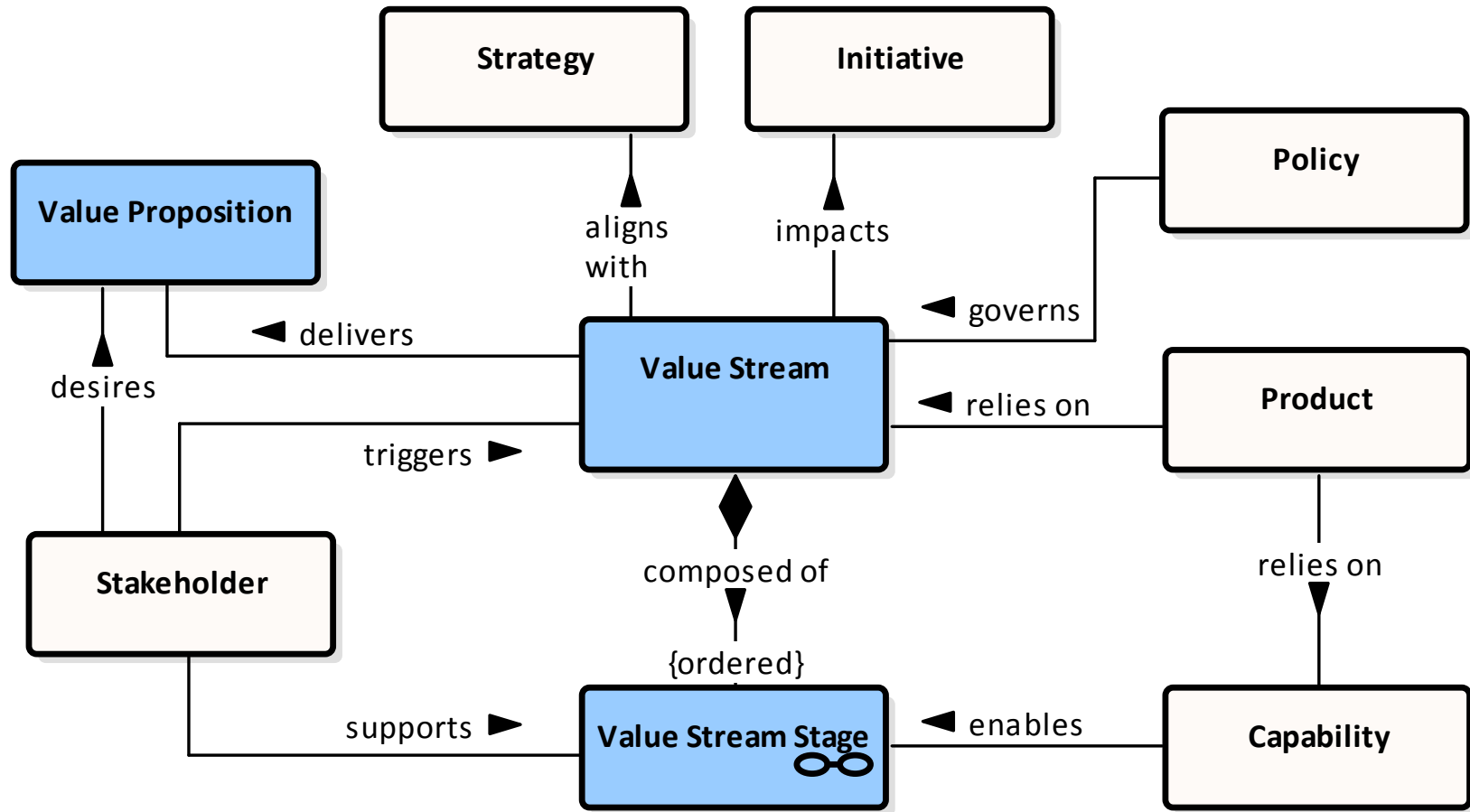
Capability Map – Auto-Generated



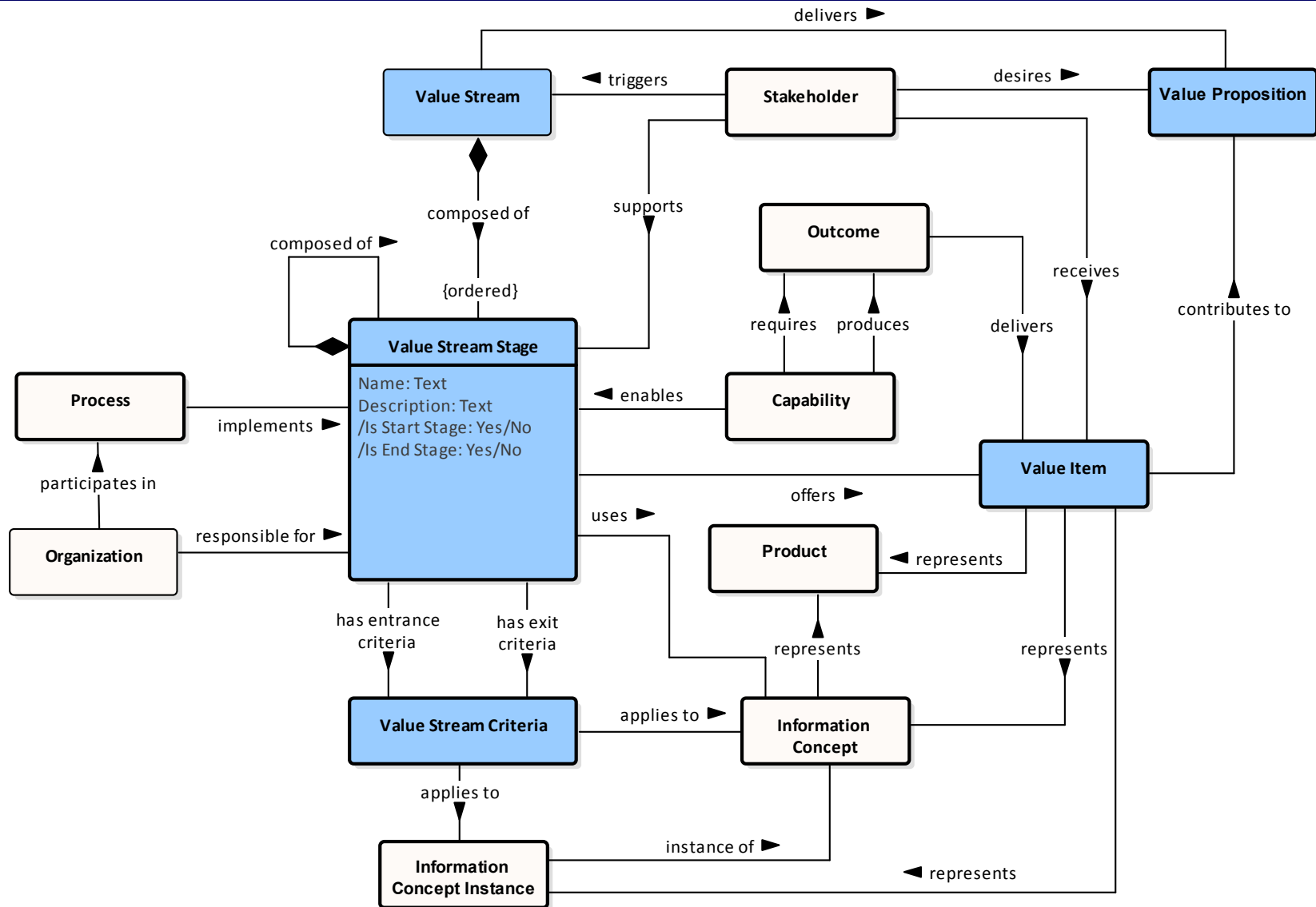
Capability Map – Alternate Depiction



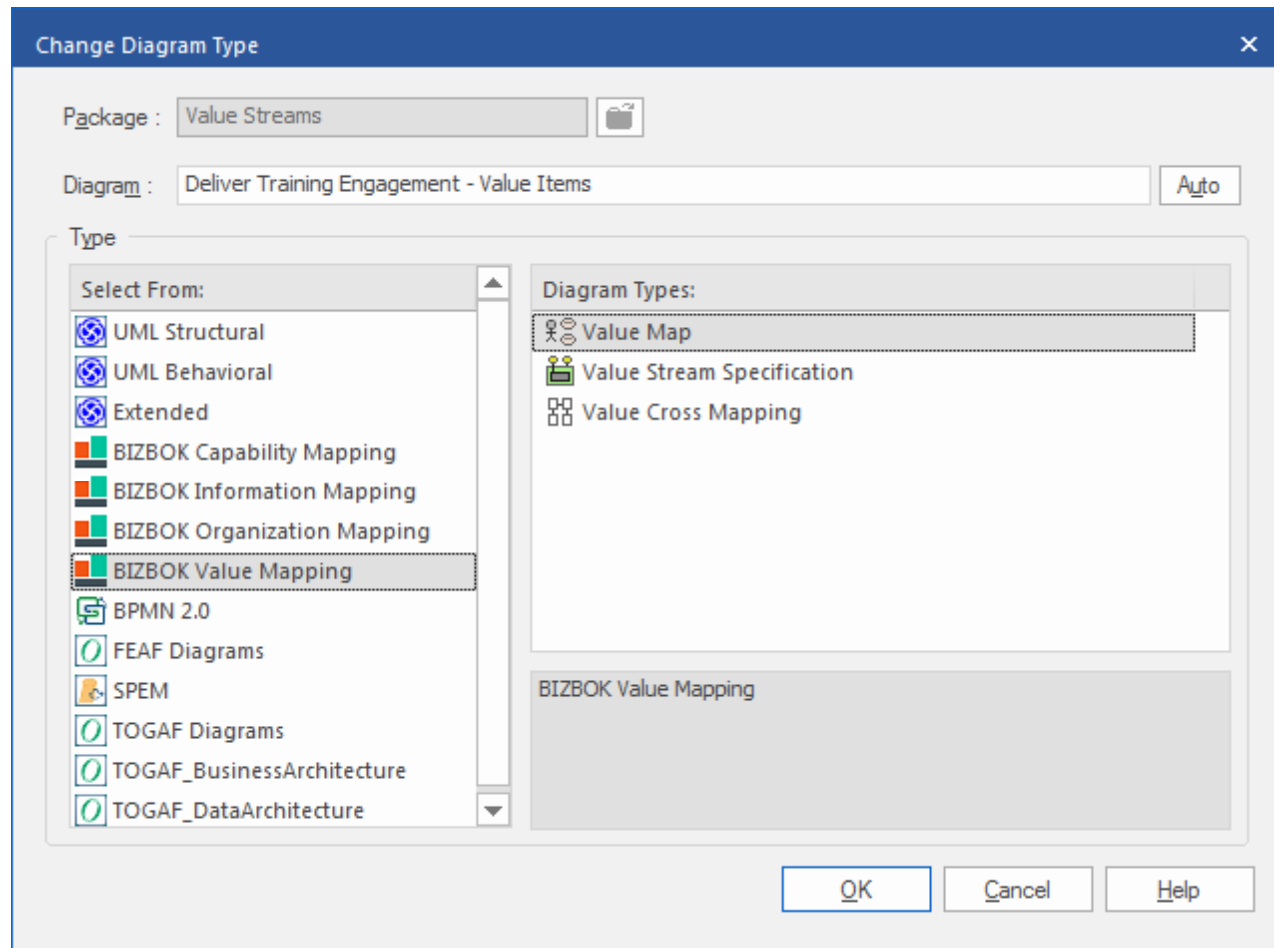
Value – Metamodel



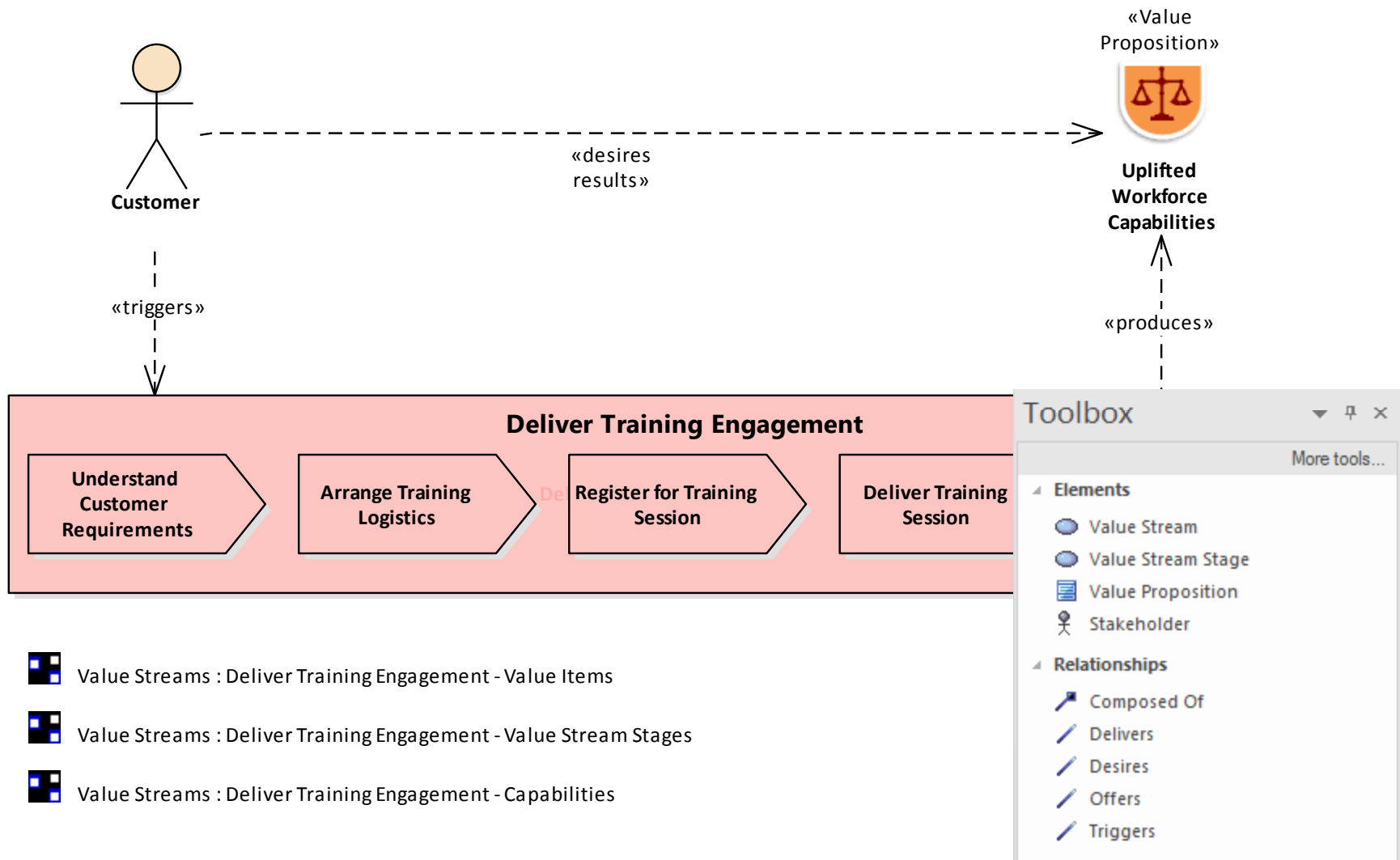
Value Stream – Metamodel



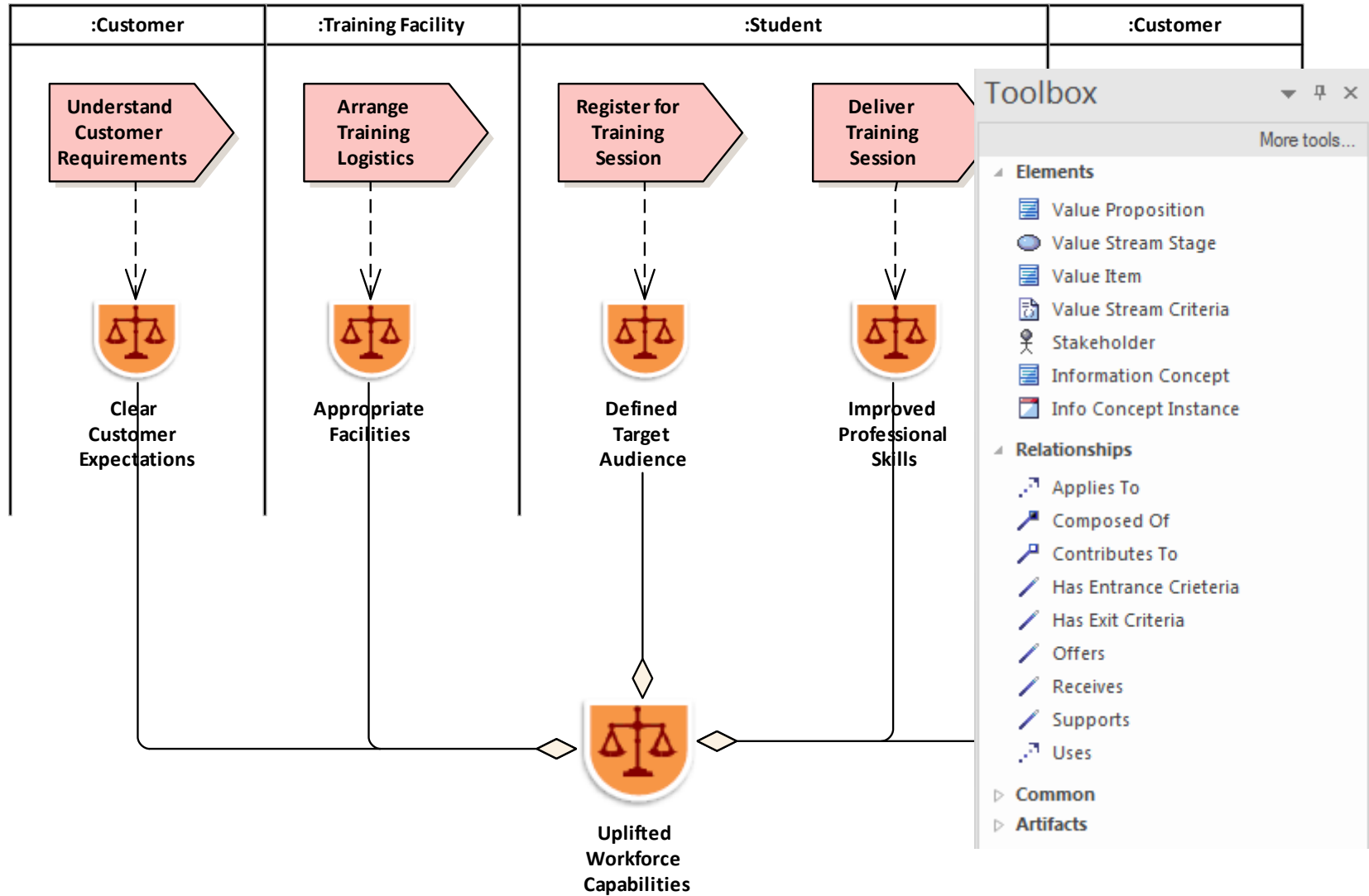
Value Mapping – Diagram Types



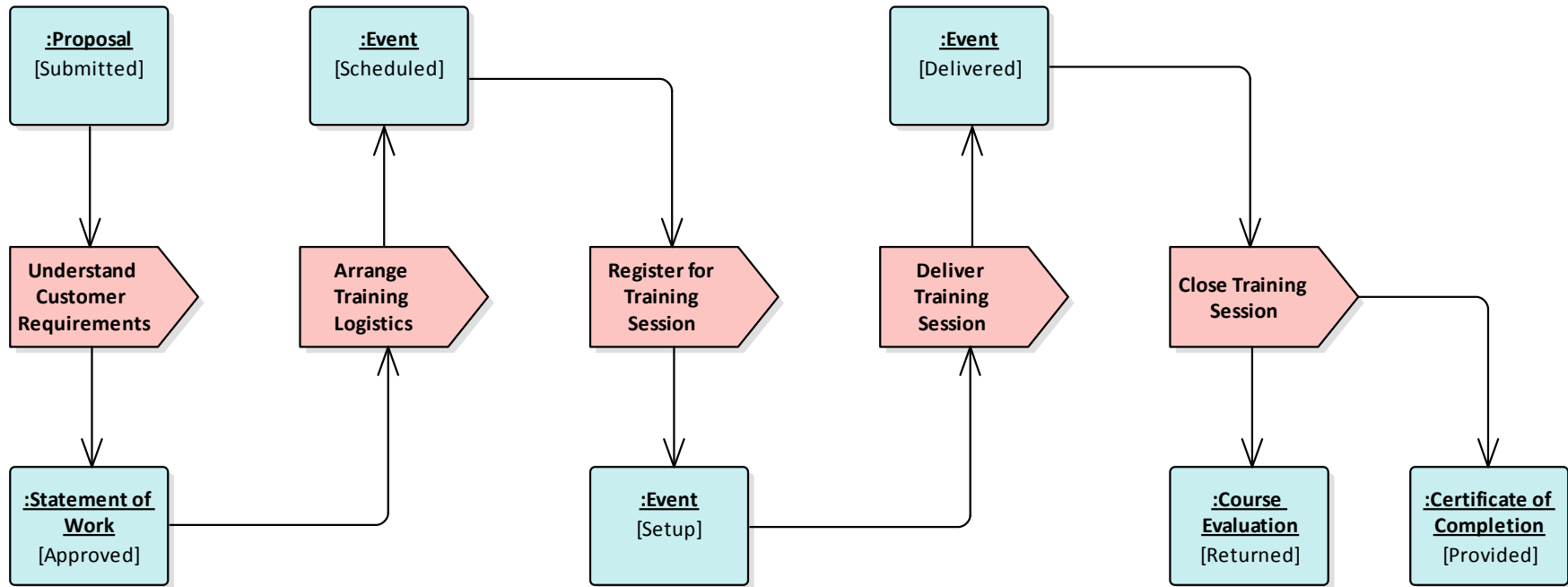
Value Map – Example 1



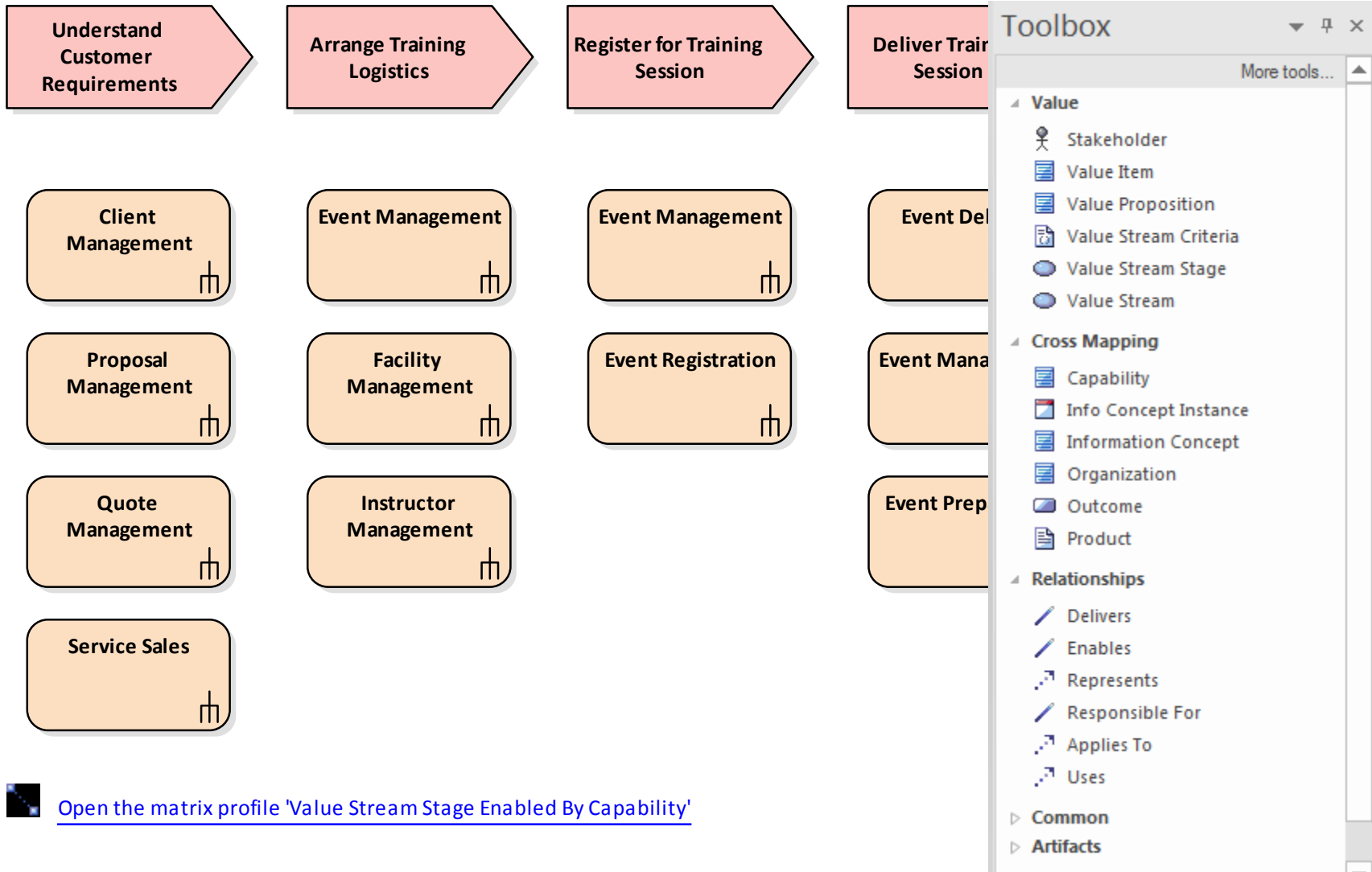
Value Stream Specification



Value Stream – Entry/Exit Criteria

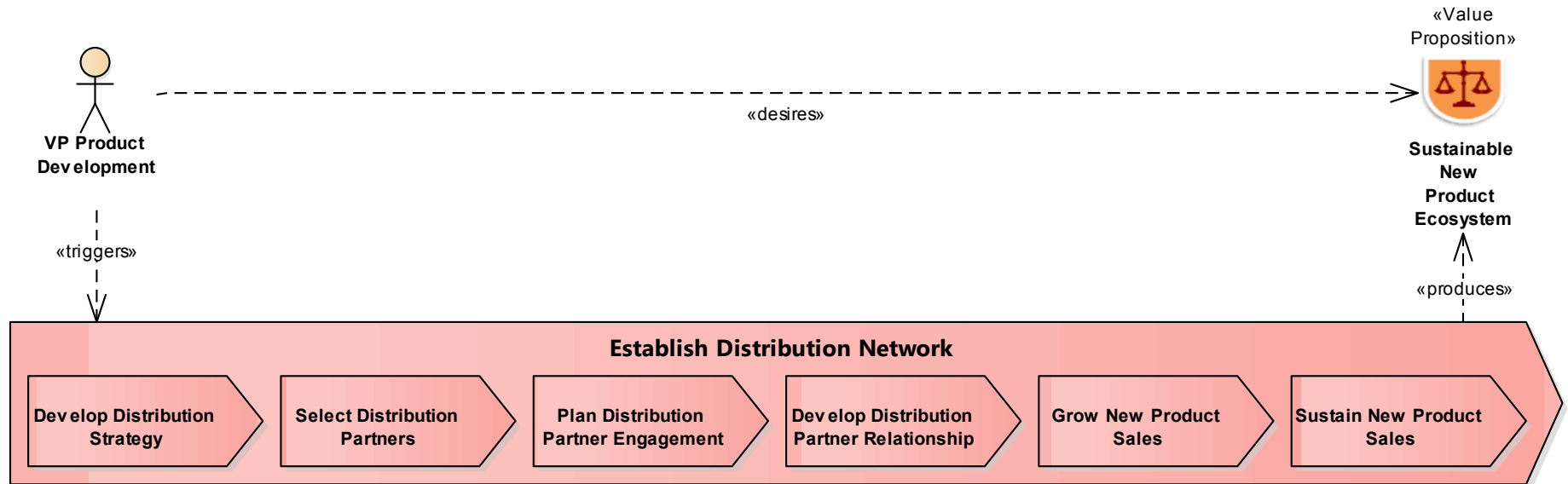





Value Cross-Mapping



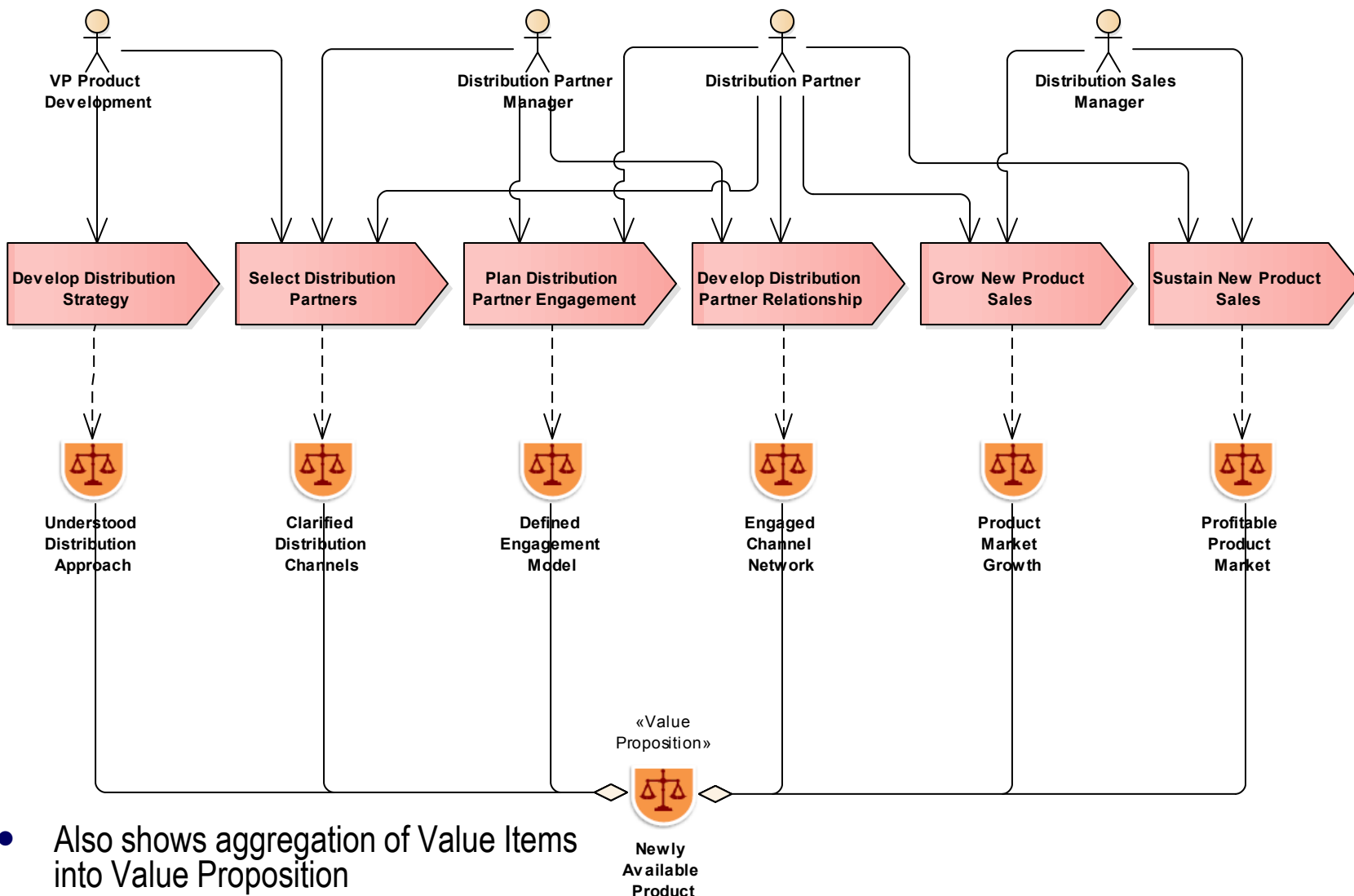
 [Open the matrix profile 'Value Stream Stage Enabled By Capability'](#)

Value Map – Example 2



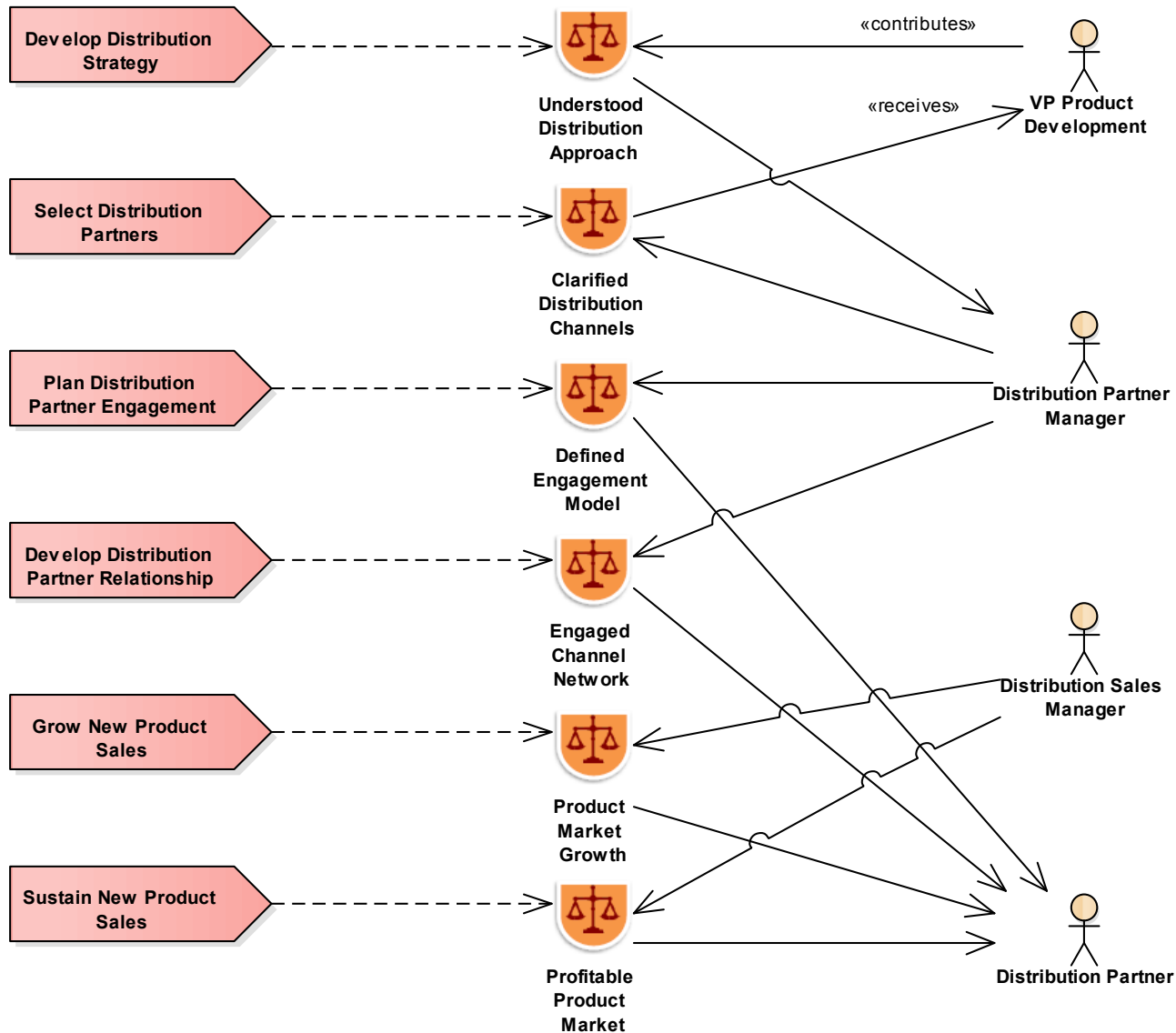
-  Value Streams: Establish Distribution Network - Value Items
-  Value Streams: Establish Distribution Network - Info Object Mapping
-  Value Streams: Establish Distribution Network - Info Object Matrix

Participating Stakeholders & Delivered Value Items



- Also shows aggregation of Value Items into Value Proposition

Value Item Mapping



- Identify participating stakeholders
 - Who contributes to creating value item?
 - Who receives the value from the item?

Stakeholder / Value Item – Matrices

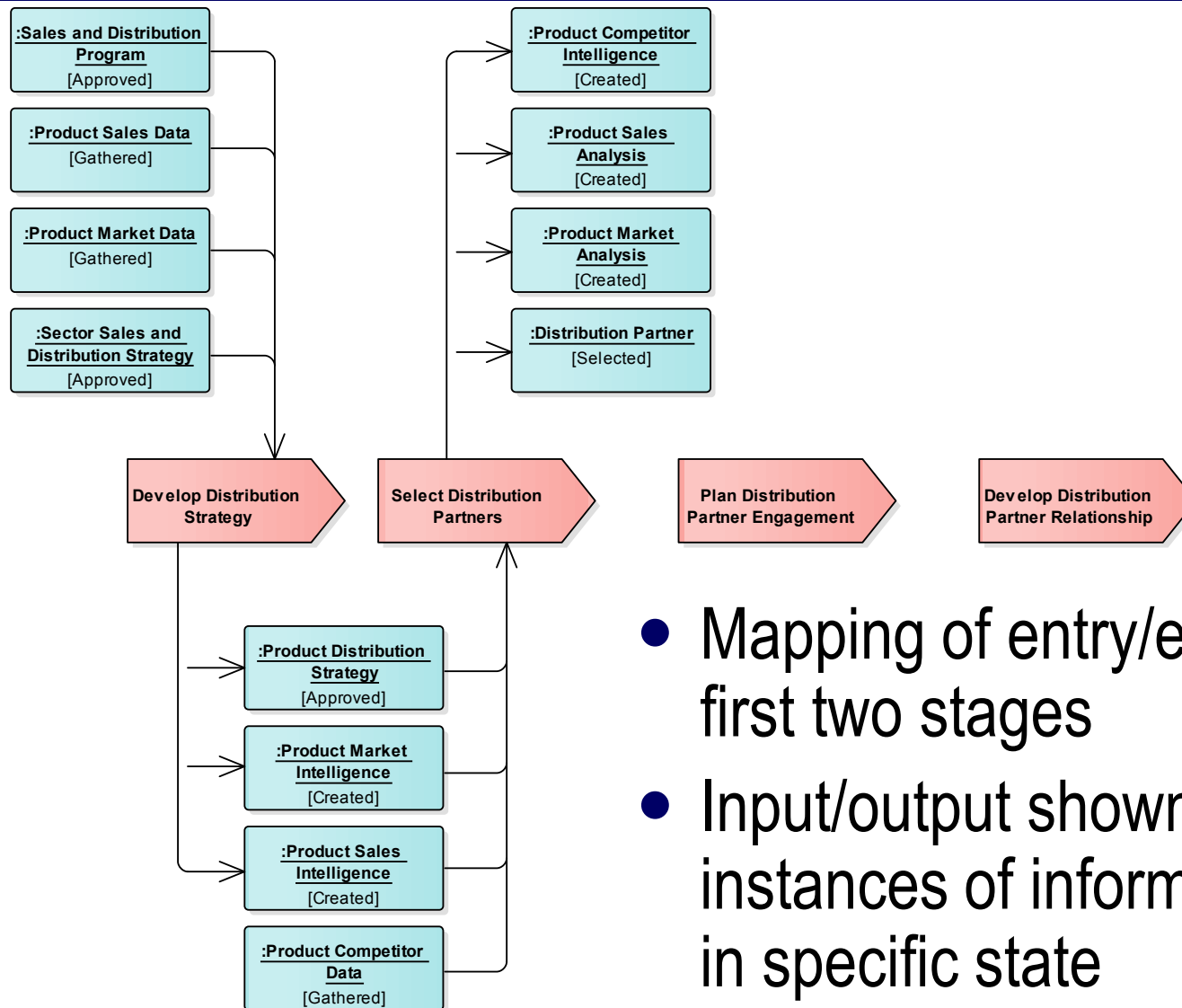
Target \ Source	Develop Distribution Partner Relationship	Develop Distribution Strategy	Grow New Product Sales	Launch New Financial Product	Plan Distribution Partner Engagement	Select Distribution Partners	Sustain New Product Sales
Distribution Partner							
Distribution Partner Manager							
Distribution Sales Manager							
VP Product Development							

Stakeholder participates in Value Stream Stage

Value Stream Stage offers Value Item

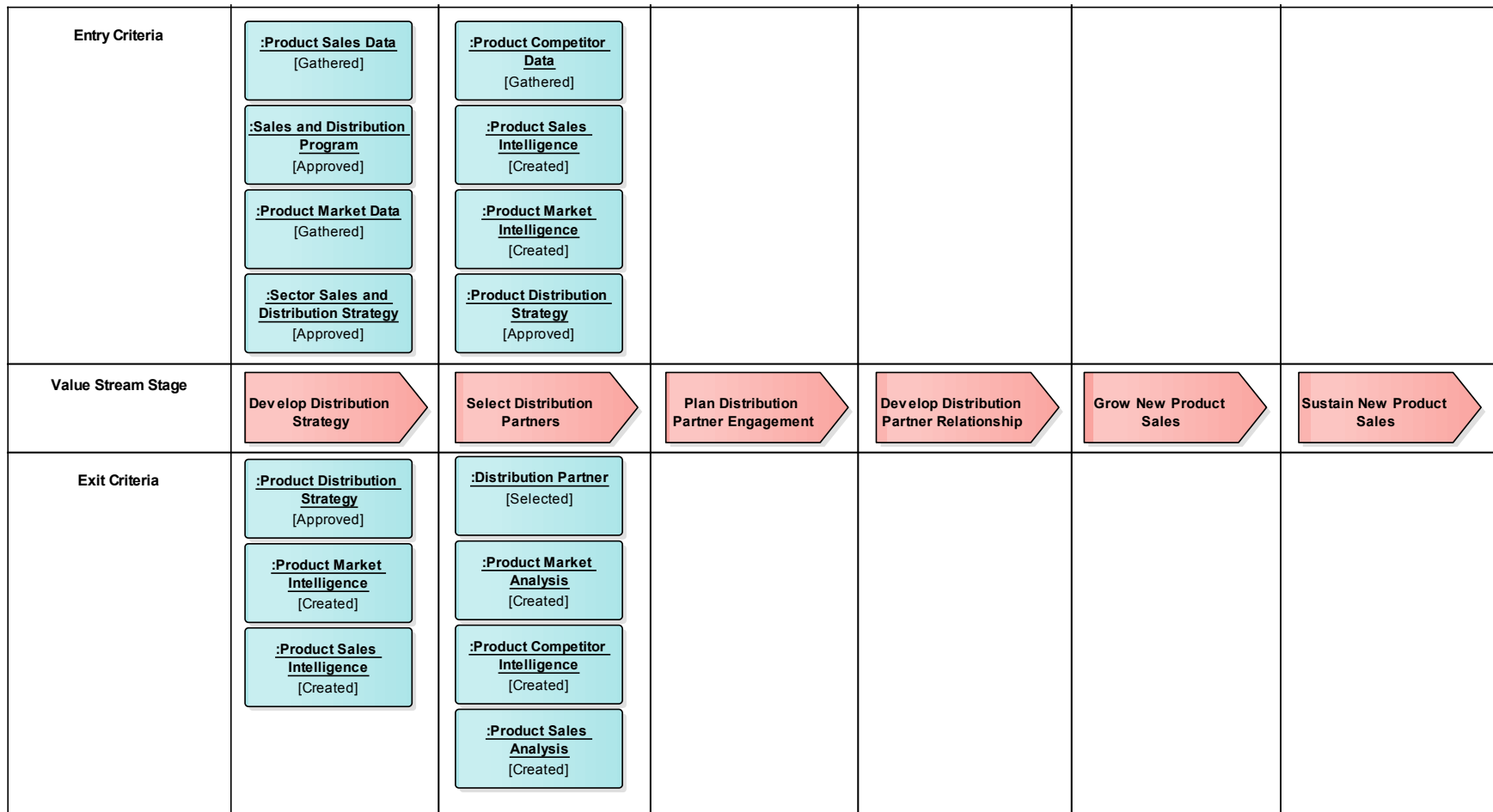
Target \ Source	Clarified Distribution Channels	Defined Engagement Model	Engaged Channel Network	Product Market Growth	Profitable Product Market	Understood Distribution Approach
Develop Distribution Partner Relationship						
Develop Distribution Strategy						
Grow New Product Sales						
Launch New Financial Product						
Plan Distribution Partner Engagement						
Select Distribution Partners						
Sustain New Product Sales						

Value Stream Stage – Entry/Exit Criteria



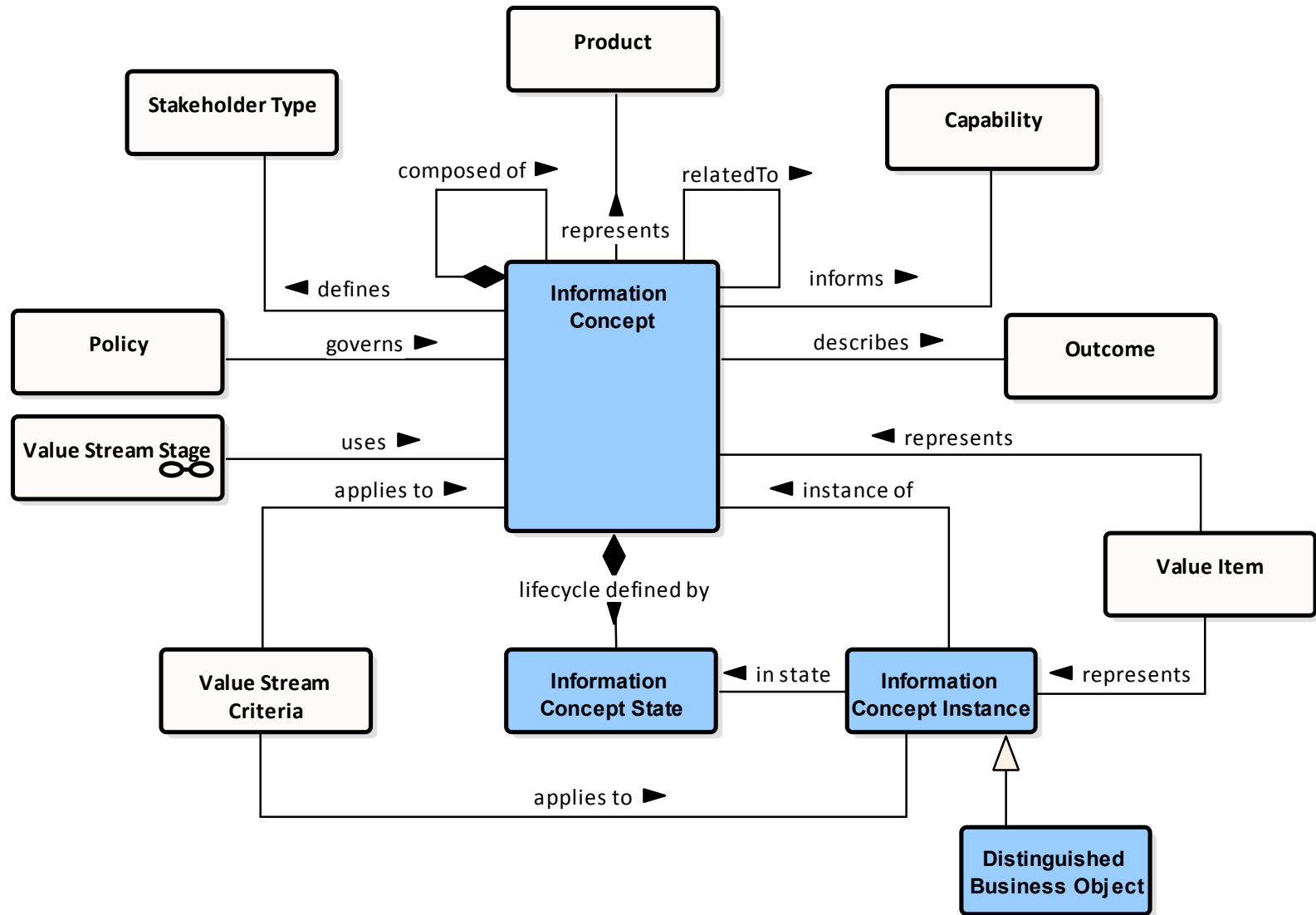
- Mapping of entry/exit criteria for first two stages
- Input/output shown as instances of information objects in specific state

Alternate Depiction

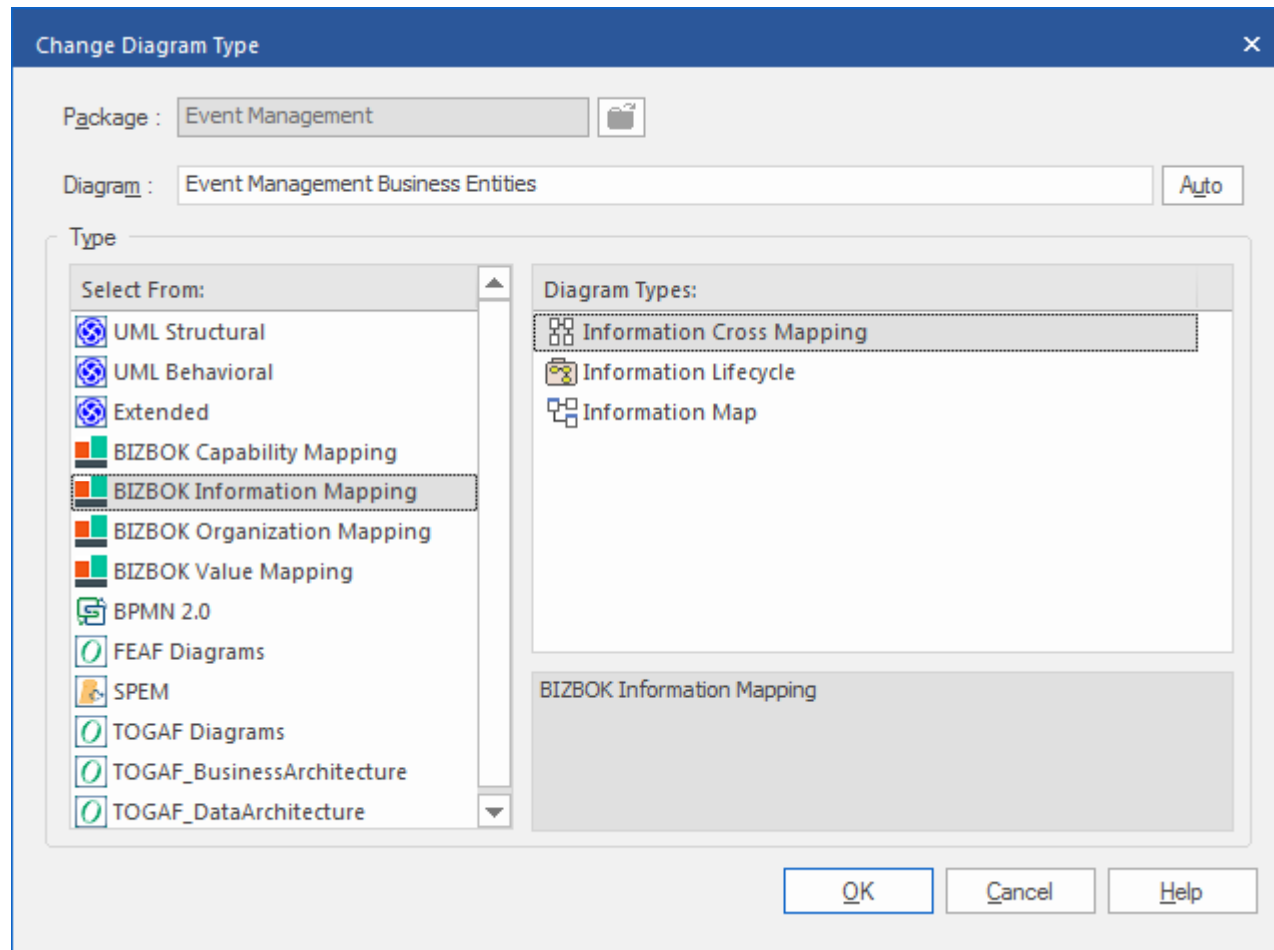


- Use columns and swimlanes

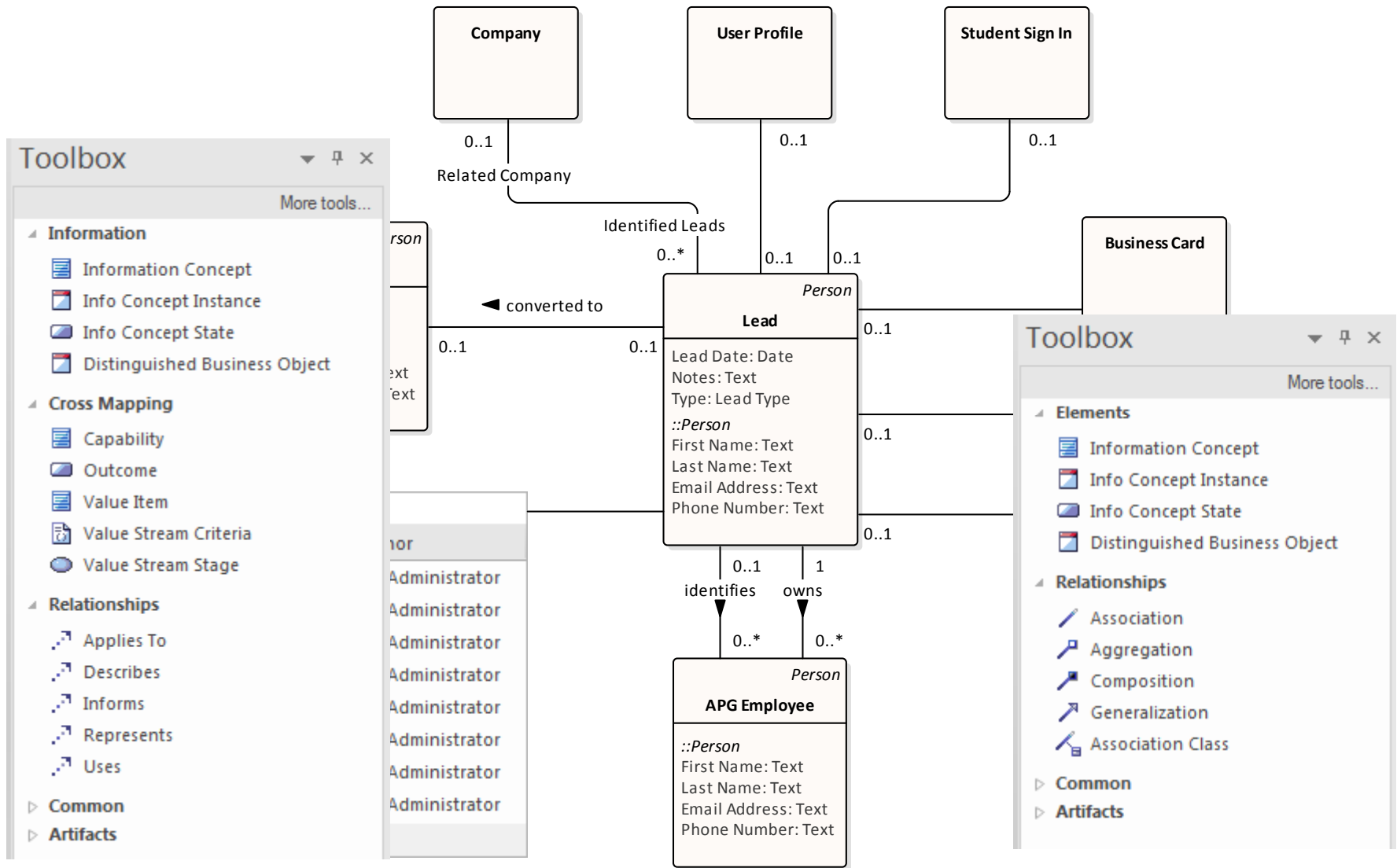
Information – Metamodel



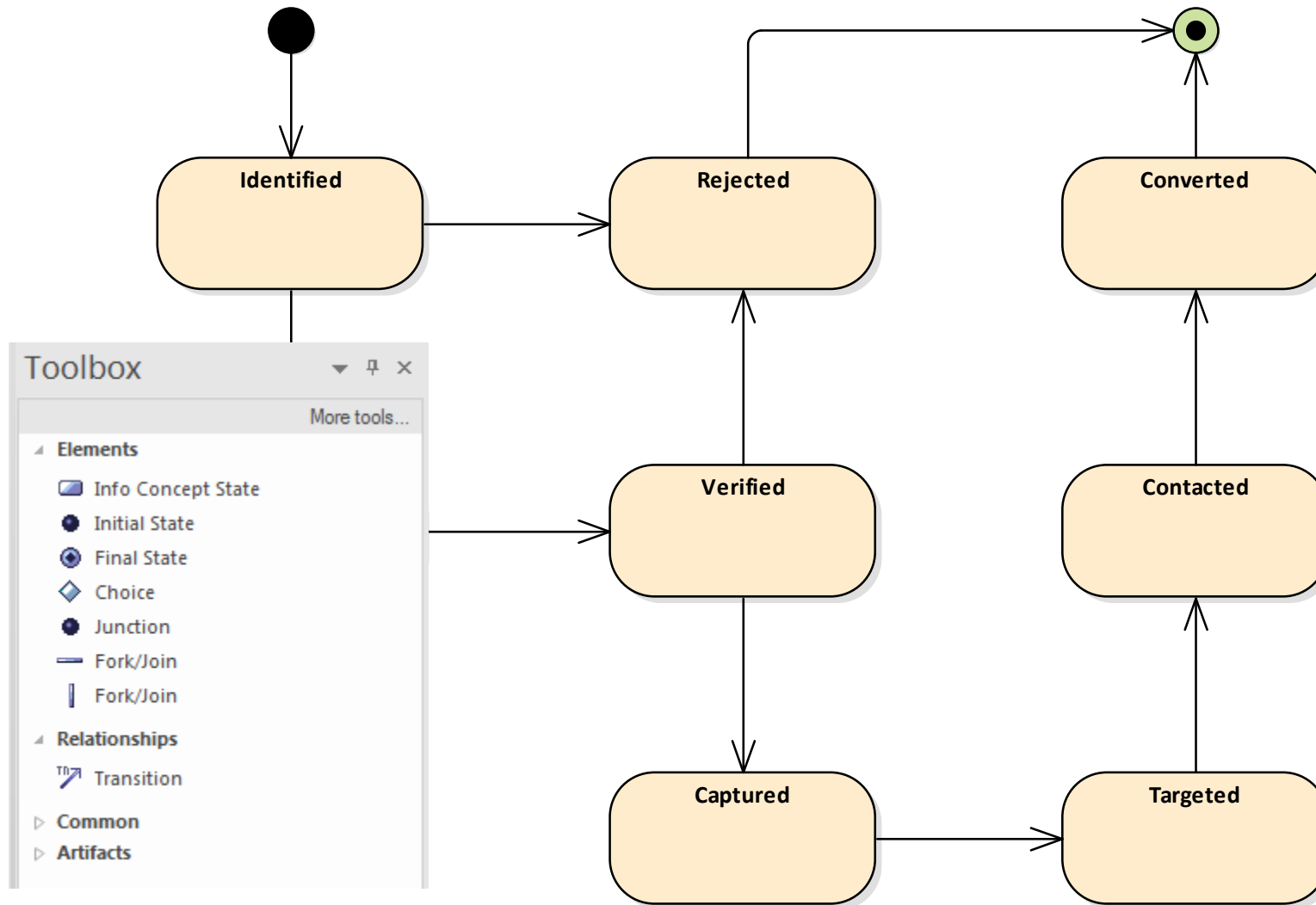
Information Map – Diagram Types



Information Map – Example



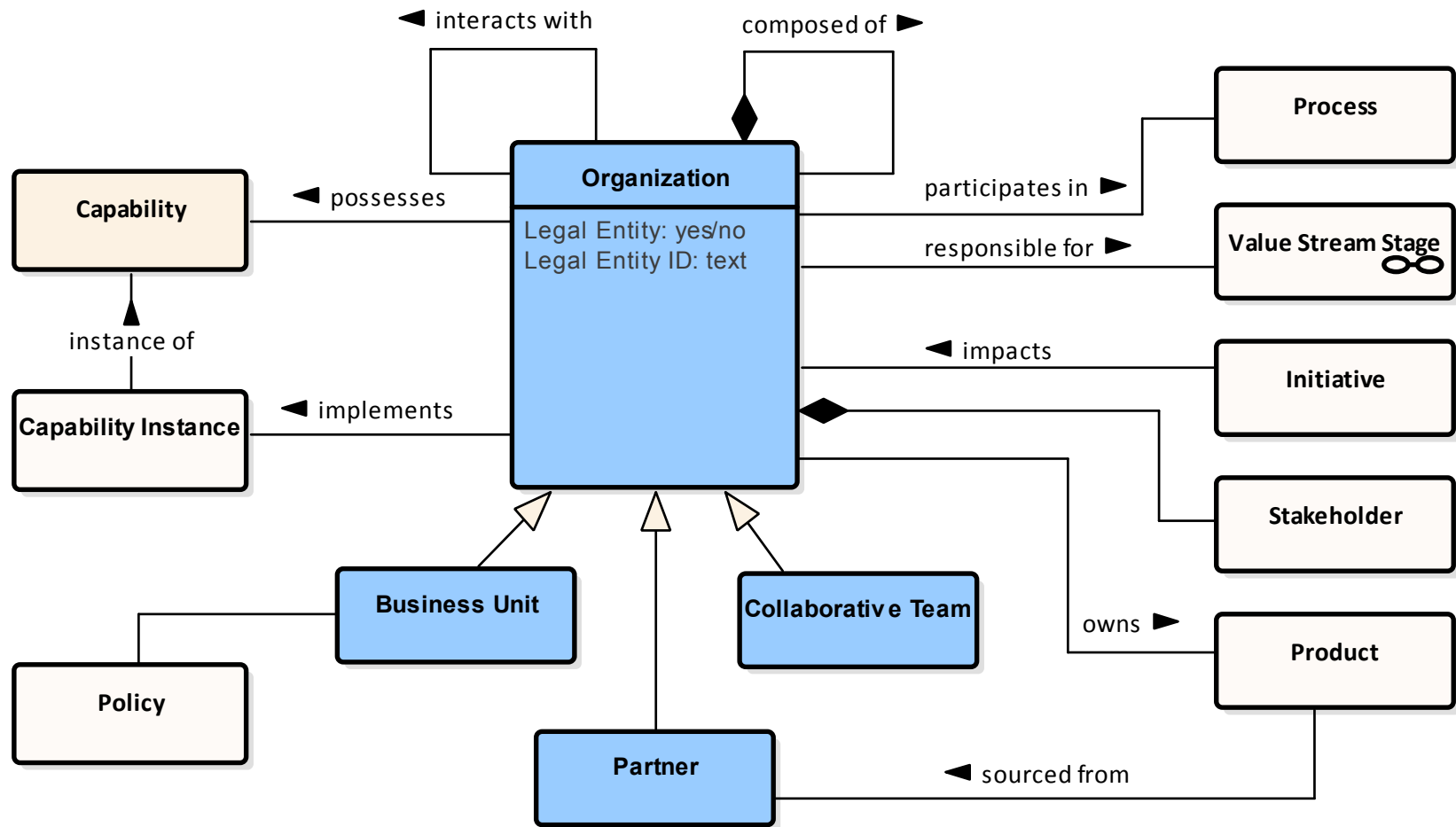
Information Lifecycle – Lead



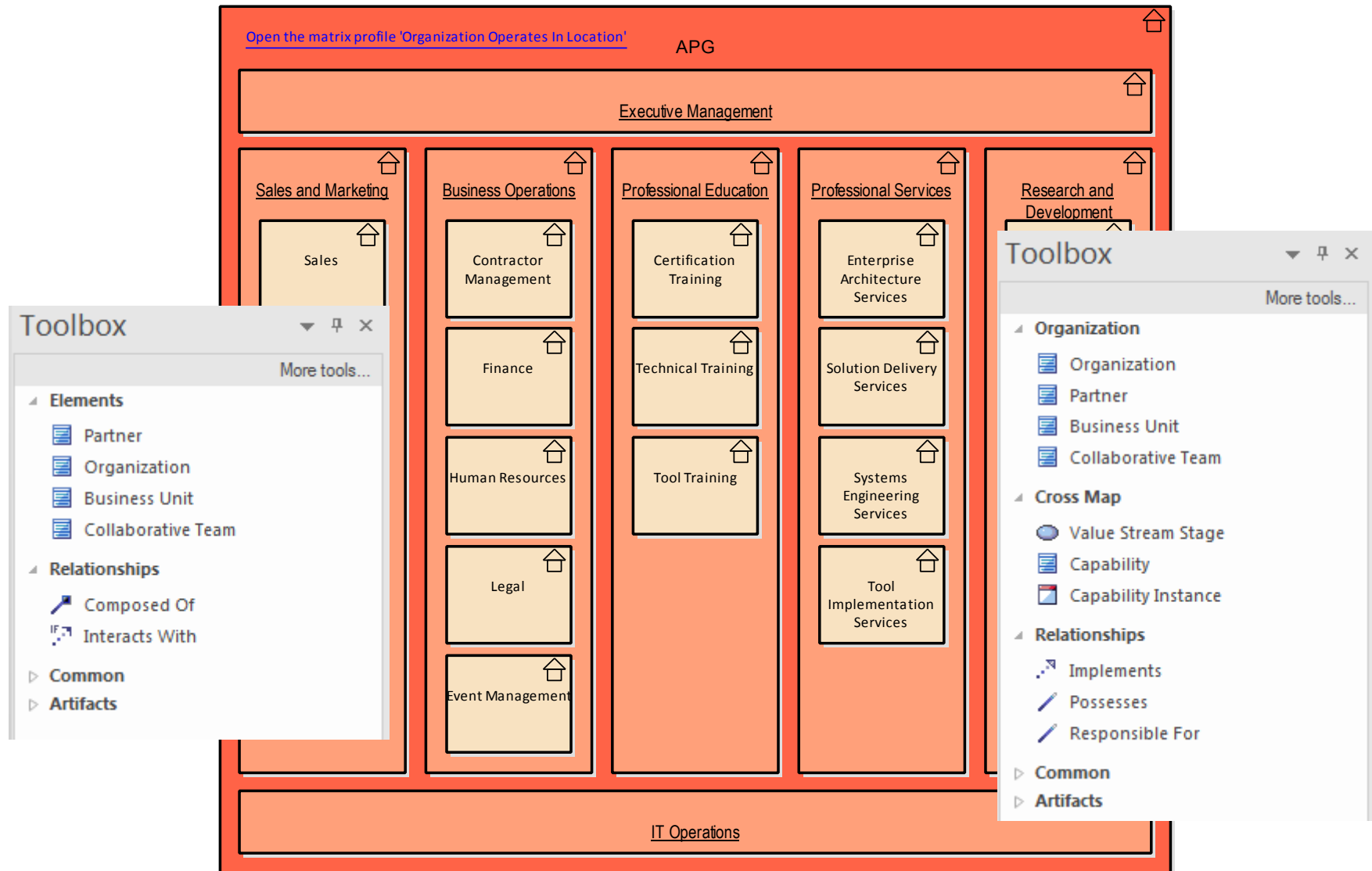
Value Stream Stage / Information Objects Mapping

Source \ Target	:Distribution Partner	:Product Competitor Data	:Product Competitor Intelligence	:Product Distribution Strategy	:Product Distribution Strategy	:Product Market Analysis	:Product Market Data	:Product Market Intelligence	:Product Market Intelligence	:Product Sales Analysis	:Product Sales Data	:Product Sales Intelligence	:Product Sales Intelligence	:Sales and Distribution Program	:Sector Sales and Distribution Strategy
Develop Distribution Partner Relationship															
Develop Distribution Strategy															
Grow New Product Sales															
Launch New Financial Product															
Plan Distribution Partner Engagement															
Select Distribution Partners															
Sustain New Product Sales															

Organization – Metamodel



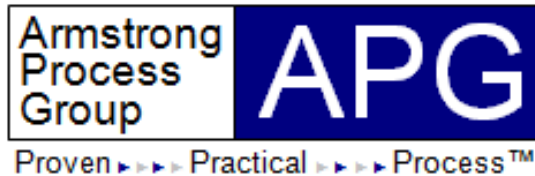
Organization – Examples



Conclusions

- UML Profile for BIZBOK should increase level of adoption of formal modeling in Business Architecture
- Have released first beta version focusing on core, foundational domains
 - Capability, Value, Information, Organization
- Working on confirming metamodel for extension domains
 - Strategy, Initiative, Stakeholder, Product, Policy
- Looking for end-users to test work-in-progress
 - Also looking for people to help contribute to development
- Plan to release first complete version 1Q2017

Q&A



chris.armstrong@aprocessgroup.com

<http://www.aprocessgroup.com>

<http://www.linkedin.com/in/togaf/> 

***Thanks for your attention
and participation!***

"APG", the APG logo, "proven practical process" (and its graphic representation), ATPL, EA-In-A-Box, APG ModelFlow are trademarks of Armstrong Process Group, Inc.

The Open Group, The Open Group Architecture Framework, TOGAF, and ArchiMate are trademarks or registered trademarks of The Open Group in the United States and other countries.

BIZBOK, A Guide to the Business Architecture Body of Knowledge, Certified Business Architect, CBA, Guild Accredited Training Program, and GATP are trademarks or registered trademarks of the Business Architecture Guild.

Other company, product, or service names may be trademarks or service marks of others.

myAPG Resource Portal

The screenshot shows the myAPG Resource Portal interface. At the top, there is a navigation bar with the APG logo and the tagline "Proven >>> Practical >>> Process™". Below this is a login section for the "APG Learning Portal" with fields for "USERNAME" and "PASSWORD". A main navigation menu includes links for Home, News & Events, Offerings, Services, Training, Products, Partners, Case Studies, TOGAF, and My APG. A secondary navigation bar shows "myAPG" with a dropdown menu and a "Log Out" button.

The main content area is titled "APG Enterprise Architecture Reading List". It features a "box" icon and the filename "APG_TOGAF9Cert_Abridged_v1_0_References_20140312.pdf". The document content includes an overview, a disclaimer, and two tables of references.

General

Name	Description	URL
TOGAF 9.1 PDF	Official PDF edition of The Open Group® Architecture Framework (TOGAF®) version 9.1.	http://ag.sbx.com/togaf-9-1.pdf
TOGAF 9.1 Online	Official online edition of The Open Group Architecture Framework (TOGAF) version 9.1.	http://pubs.apcprocessgroup.com/architecture/togaf9-1.pdf/
TOGAF 9.1 Mobile	Official mobile edition of The Open Group Architecture Framework (TOGAF) version 9.1.	http://pubs.apcprocessgroup.com/architecture/togaf9-1.pdf/
APG TOGAF Process Library 2.0 (ATPL™) Online	Online edition of the APG TOGAF Process Library (ATPL) v2.0.	http://www.apcprocessgroup.com/
"TOGAF 9 Template Artifacts and Deliverables, Set 2"	Example set of templates for TOGAF 9. It includes example artifacts for all catalogs, matrices, and diagrams, and template deliverables.	http://www2.apcprocessgroup.com/ogp/ctrl/093
Sample Catalogs, Matrices and Diagrams v8.0	Another example set of TOGAF 9 architecture viewpoints.	http://www.apcprocessgroup.com/ogp/ctrl/094
TOGAF 9 Global Use Map	Map provided by The Open Group that shows a geographic view of TOGAF 9 Certifications.	http://www.togaf.info/togaf9uamap.html

Foundation

Name	Description	URL
"Why does Enterprise Architecture Matter?"	Open Group whitepaper that addresses the topic of why enterprise architecture matters to business today, including an introduction to business operations and enterprise architecture, the need for enterprise architecture, and the business benefits of enterprise architecture.	http://www.apcprocessgroup.com/ogp/ctrl/095

Page 1
Copyright © 1998-2014 Armstrong Process Group, Inc. All rights reserved.

On the right side of the document viewer, there is a summary: "Invaluable reading list and set of references and resources for understanding and practicing Enterprise Architecture. Abridged version of complete set of references provided to students enrolled in APG TOGAF 9 Certification Training program." Below this, it lists: "Who: APG", "What: Whitepaper", "Where: APG Corporate Asset", and "When: 12 Mar 2014". A "Download" button is visible.

You can download this presentation and access numerous other resources at the myAPG resource portal!

www.apcprocessgroup.com/myapg