

The 1st International Open Models Workshop

Methods as Plug-Ins for Meta-Modelling Platforms



The plugIT Project: Services for the ADOxx[®] Modelling Framework



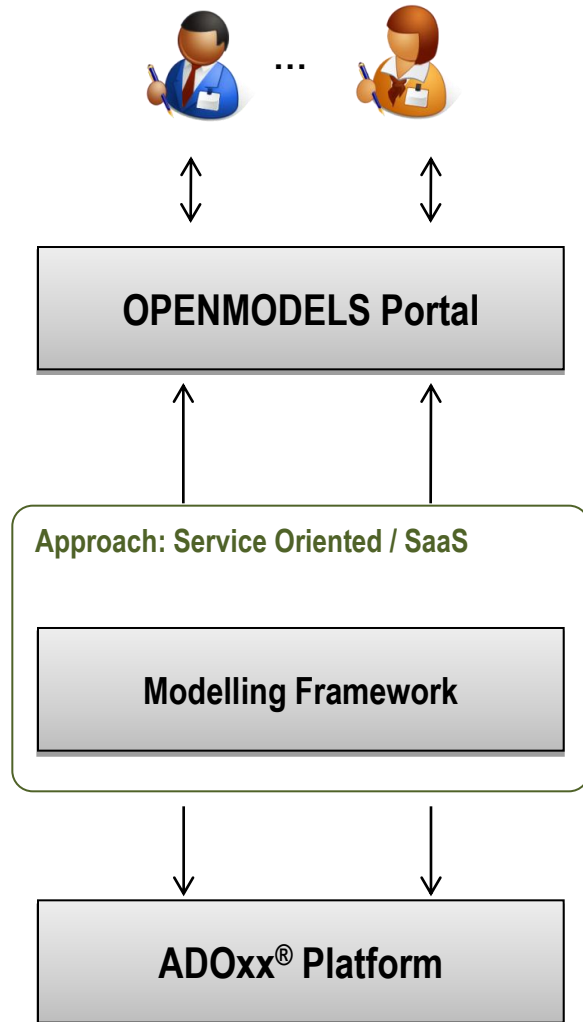
co-funded by the
European Union



Intelligent Content and
Semantics, 231430



Methods as Plug-Ins for Meta-Modelling Platforms



The plugIT EU-Project will implement a Service-Oriented view on the **Modelling Platform ADOxx®** and exploit the result within the **Open Model Initiative**.

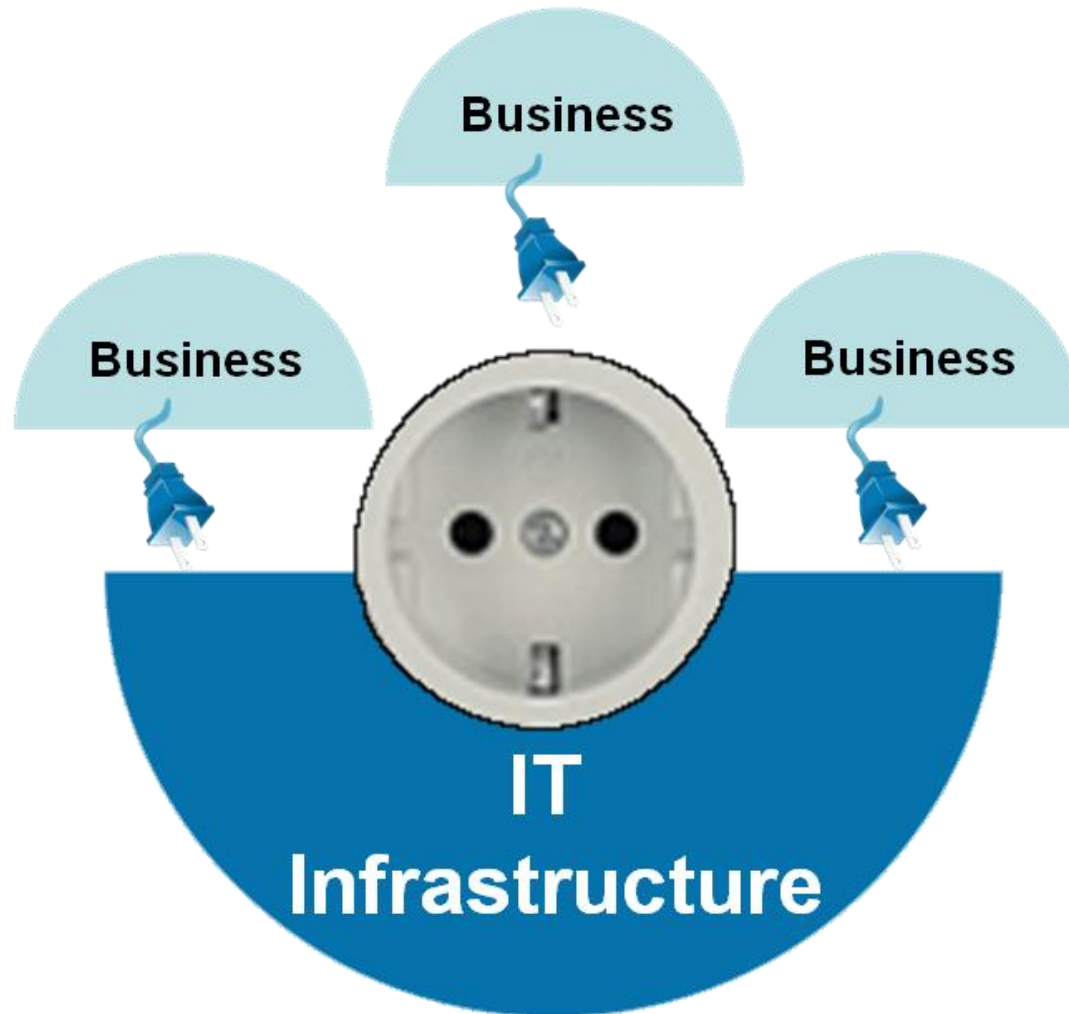
Agenda



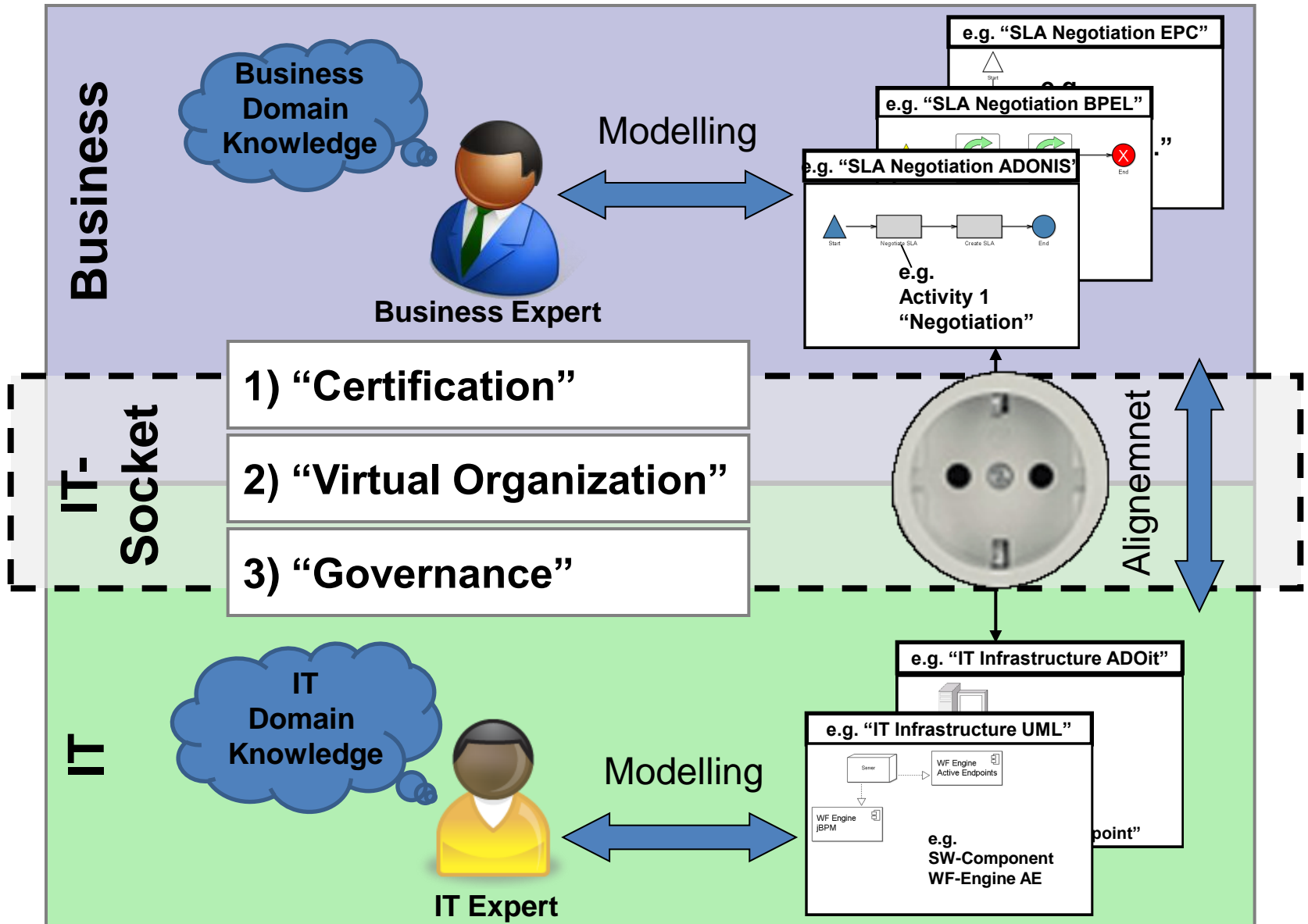
- **Project Goals & Objectives**
- **Research Challenges**
- **Realisation**
- **Conclusion**

PROJECT GOALS & OBJECTIVES

Business and IT Alginment using the IT-Socket



The Challenges: Business and IT-Alignment



The Approach: Model-based IT-Socket



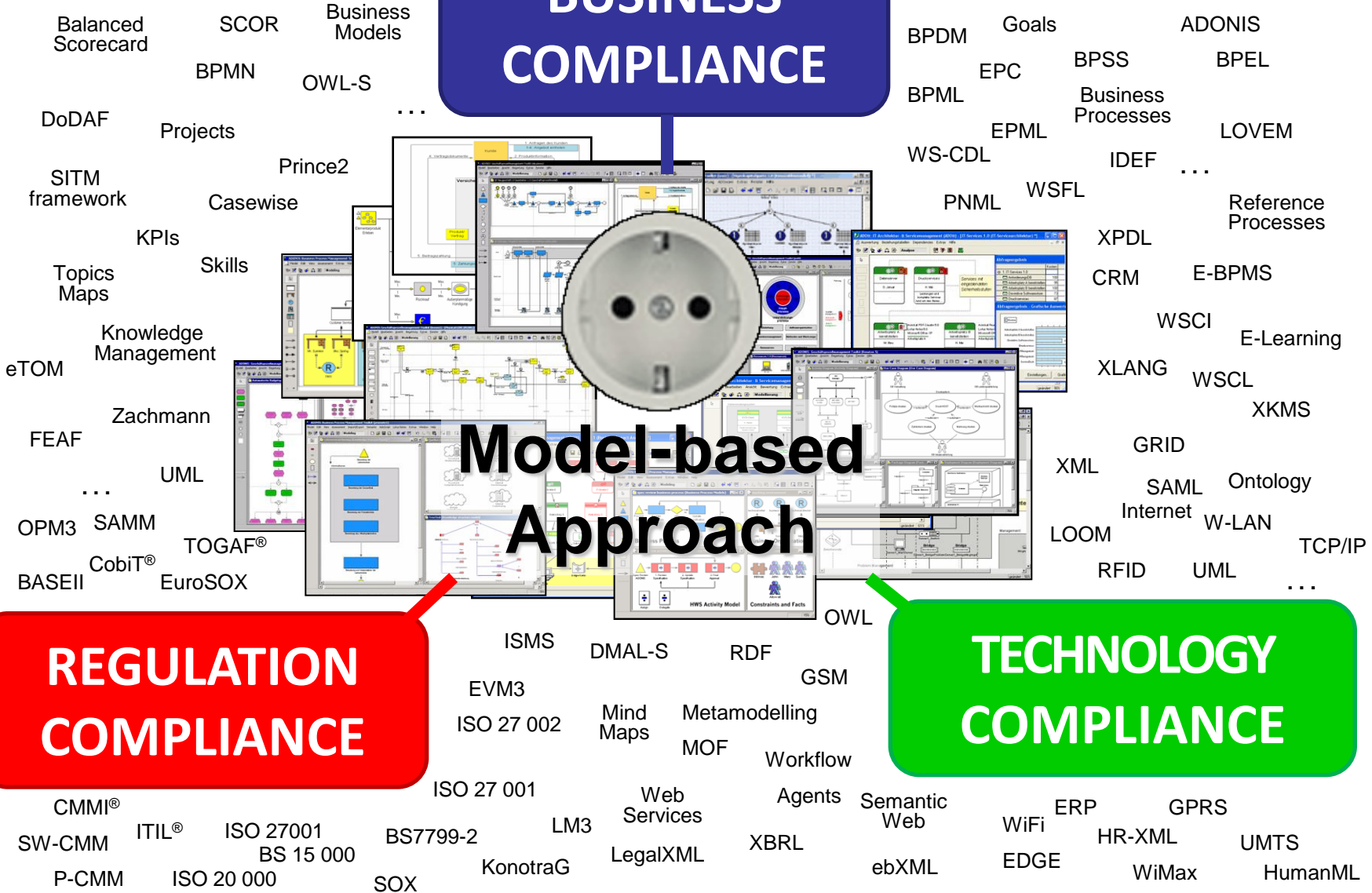
**BUSINESS
COMPLIANCE**



**Model-based
Approach**

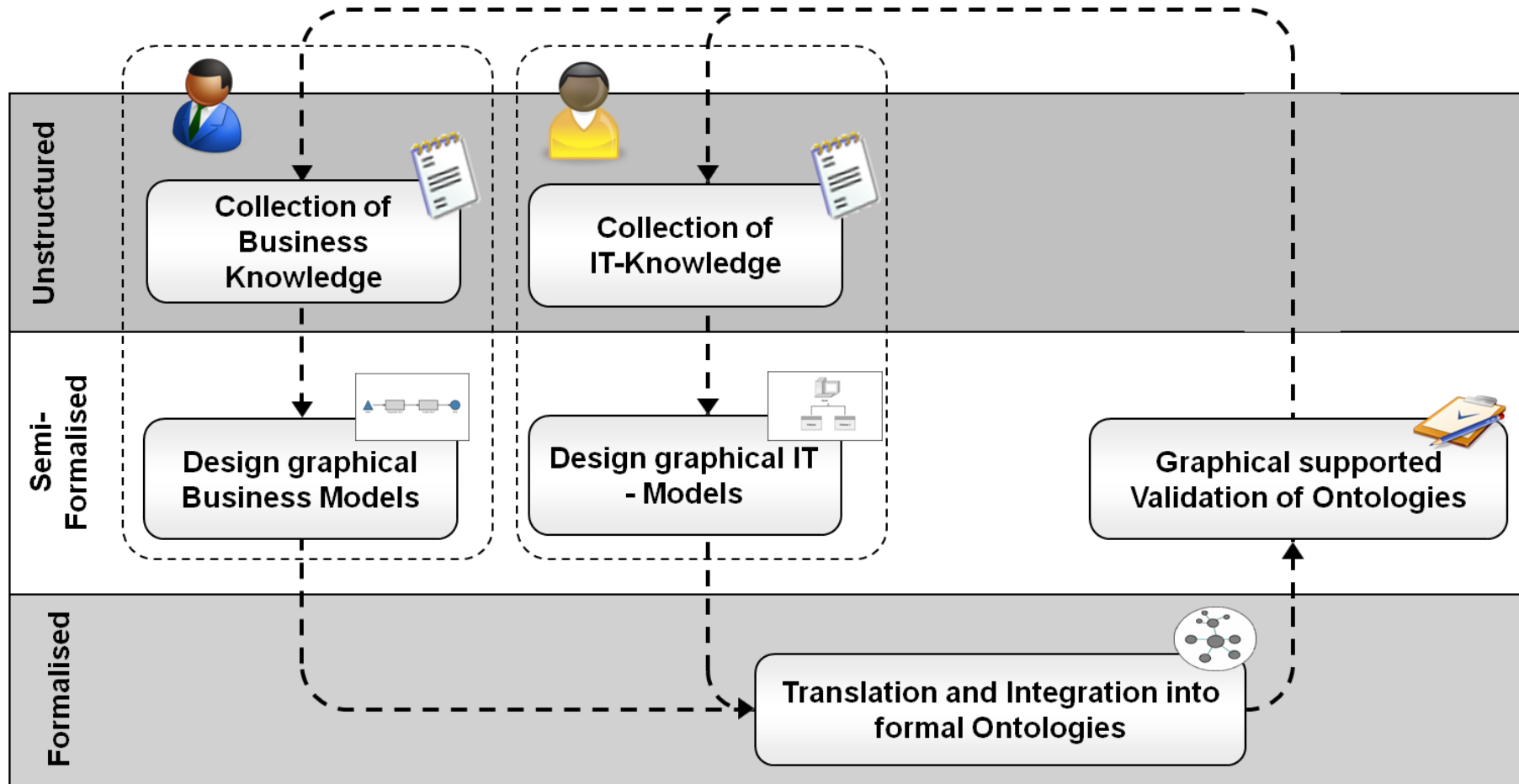
**REGULATION
COMPLIANCE**

**TECHNOLOGY
COMPLIANCE**

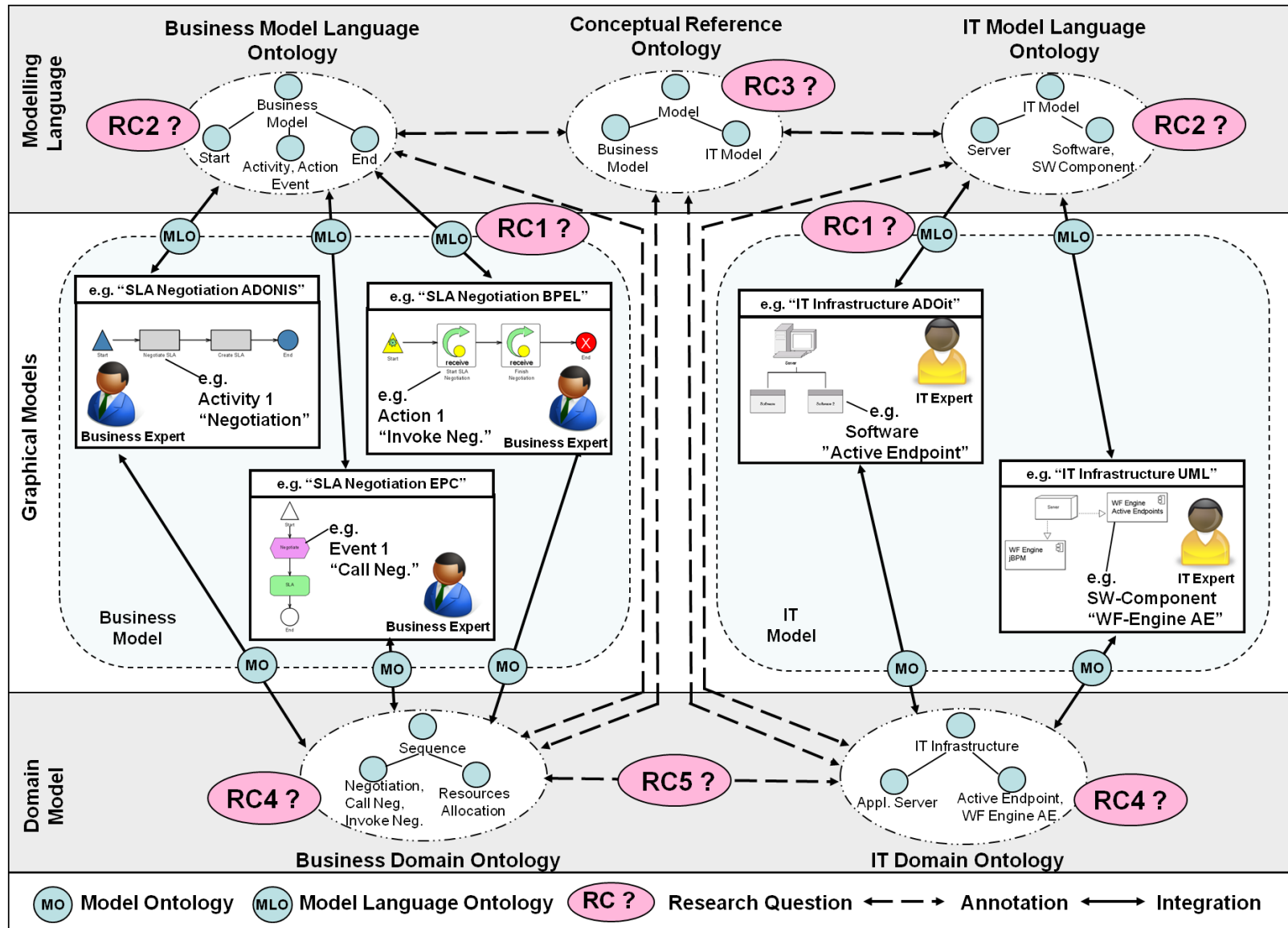


RESEARCH CHALLENGES

The Research Challenge 1: New Method to Externalise Knowledge



The Research Challenge 2: Meta Model and Semantic Integration

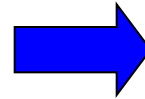
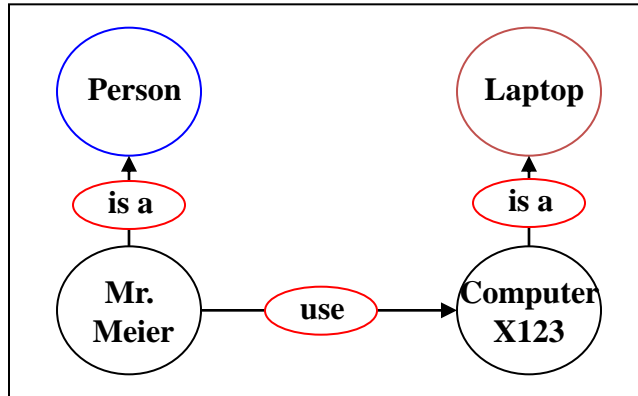


The Research Challenge 3: Domain Specific Graphical Notation

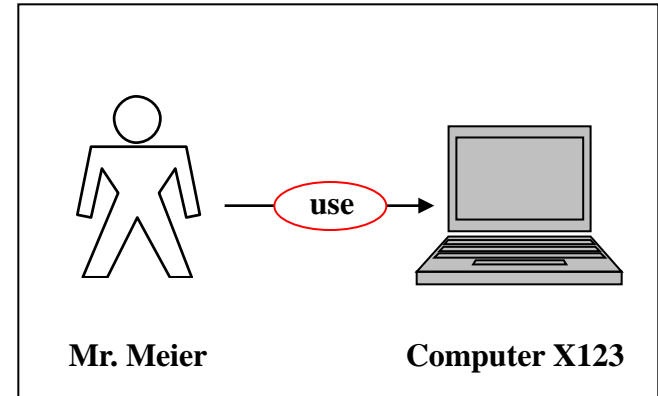


Concept

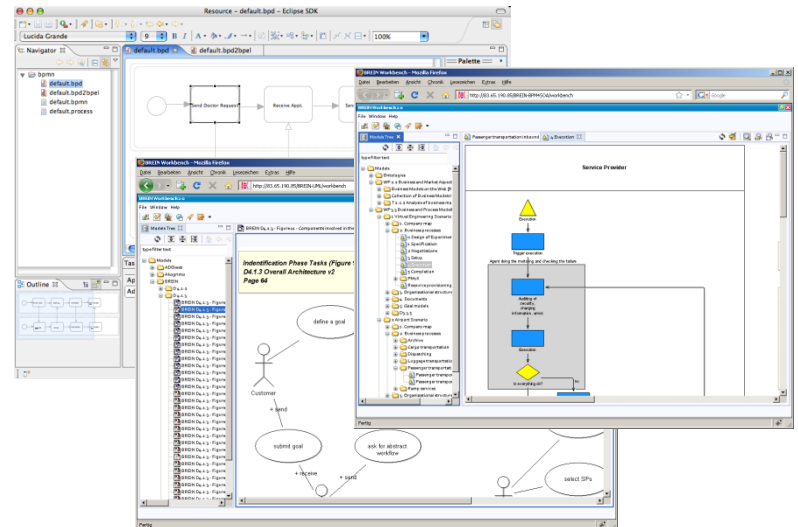
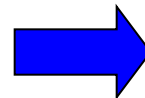
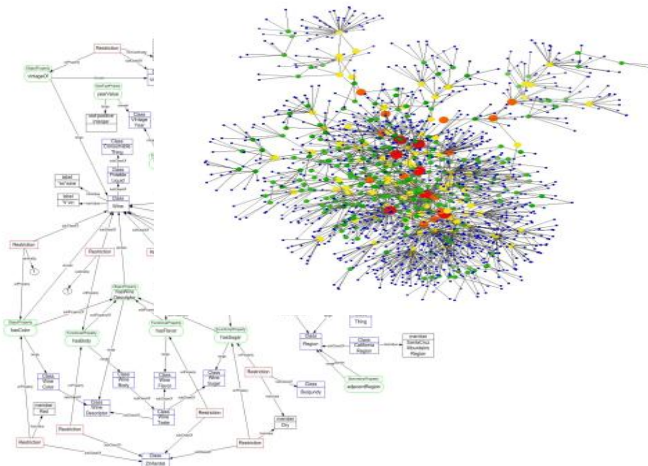
Domain Independent
Graphical Representation



Domain Specific
Graphical Representation

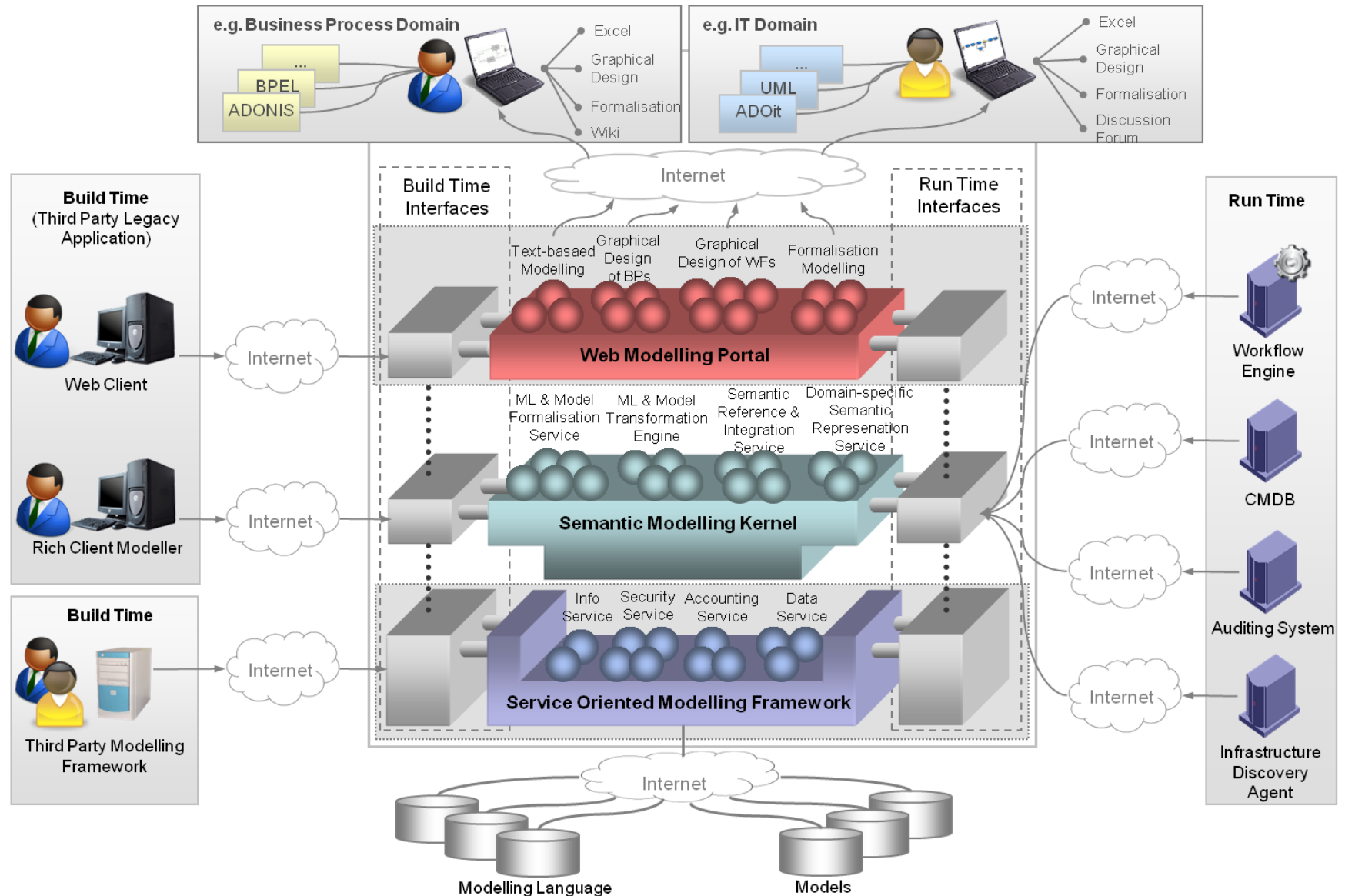


Samples



REALISATION

The Realisation: Modelling Framework Implementation



CONCLUSION

IT-Socket
Use Case

PL innovation technology group

IT

DE H L R I S

Tool and Technology
Provider

Certification

IT-Governance

Virtual Organization

AT www.boc-group.com

IT A Finmeccanica Company

Next Generation
Modelling
Services
Next Generation
Modelling
Framework

Web-Platform

Semantic Kernel

Service-Oriented Modelling Framework

Research

AT universität wien

CH

GR FORTH-ICS

Modelling formalism, modelling language, visualisation

Modelling language, ontology transformation

Semantic integration and transformation

Thank you for your attention!

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Further Information:

<http://www.plug-IT-project.eu>

<http://www.plug-IT.org>

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