



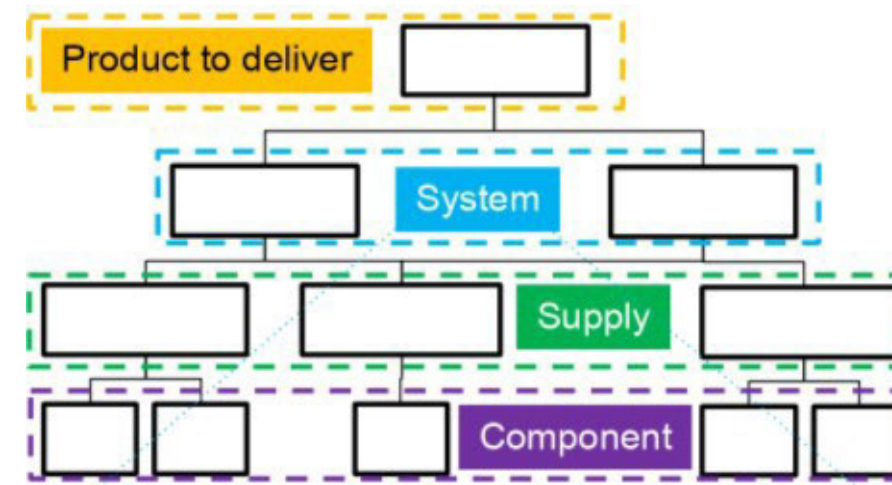
Project Case: Global MBSE Development and Deployment

Context:

A European Railway manufacturer decided to globally develop, deploy and implement MBSE to reduce development costs while increasing quality of the design artefacts.

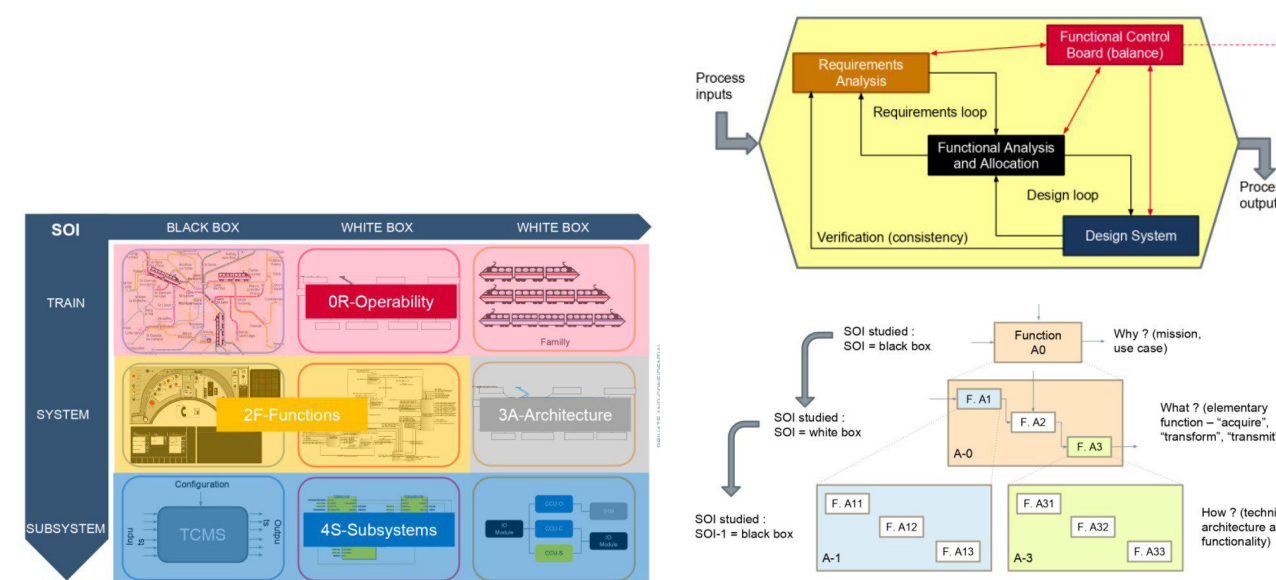
The company struggled to develop an implementable framework that could support the application of MBSE in the context of system of systems

System of system – hierarchy :



Approach:

Development of a practical methodology to deal and manage the complexity of system of systems while applying a model-based approach



Results:

- 01 Development of a customized approach to model and manage complex functions
- 02 Deployment of the MBSE approach within multiple projects in Europe incl. trainings
- 03 Creation of a building blocks library of functions and components on different system levels

