Deliverable D4.3:
Governance Recommendations for the use of Semantic Technologies in SWIM

What is the contribution of this deliverable to the overall goals of BEST?

The use of semantic technologies opens up new ways of managing information models (e.g. through partially automated compliance checking or modularisation of large models). Other parts of BEST have developed tools and explored these possibilities: the role of this deliverable is to show what impact these approaches could have on governance procedures.

Current Status of the Deliverable

Completed and approved by funding authority (SJU).

What items does the deliverable contain?

When we talk about a "Deliverable" in BEST, we mean not only the formal document describing the work done, but also any associated technical artefacts such as software, models, ontologies, diagrams etc.
For this deliverable, the document makes up the entire deliverable. But it refers to tools developed and reported on in other BEST deliverables.

Item#	Brief Description	What it can be used for
1	"Governance" and "Compliance" (a short introduction)	To understand the meaning and importance of "governance": what it includes and what it does NOT include.
2	Governance in an ATM context	To understand the challenges of governance in a SWIM context, based on a monolithic model such as AIRM, and maintaining consistency between models.
3	Governance issues	To understand experiences with ATM governance so far, and what issues arise from that.
4	Modularisation of Information Models: consequences for governance.	To have a clear picture of the advantages and disadvantages, from a governance point of view, of carrying out governance on multiple modules while still maintaining overall consistency.

5	Governance recommendations.	• To help make decisions about whether semantic technologies are suitable for governance in an ATM context. • Assuming that semantic technologies are to be used in some ATM governance: recommendations about how to do so effectively.