



DIGICOR

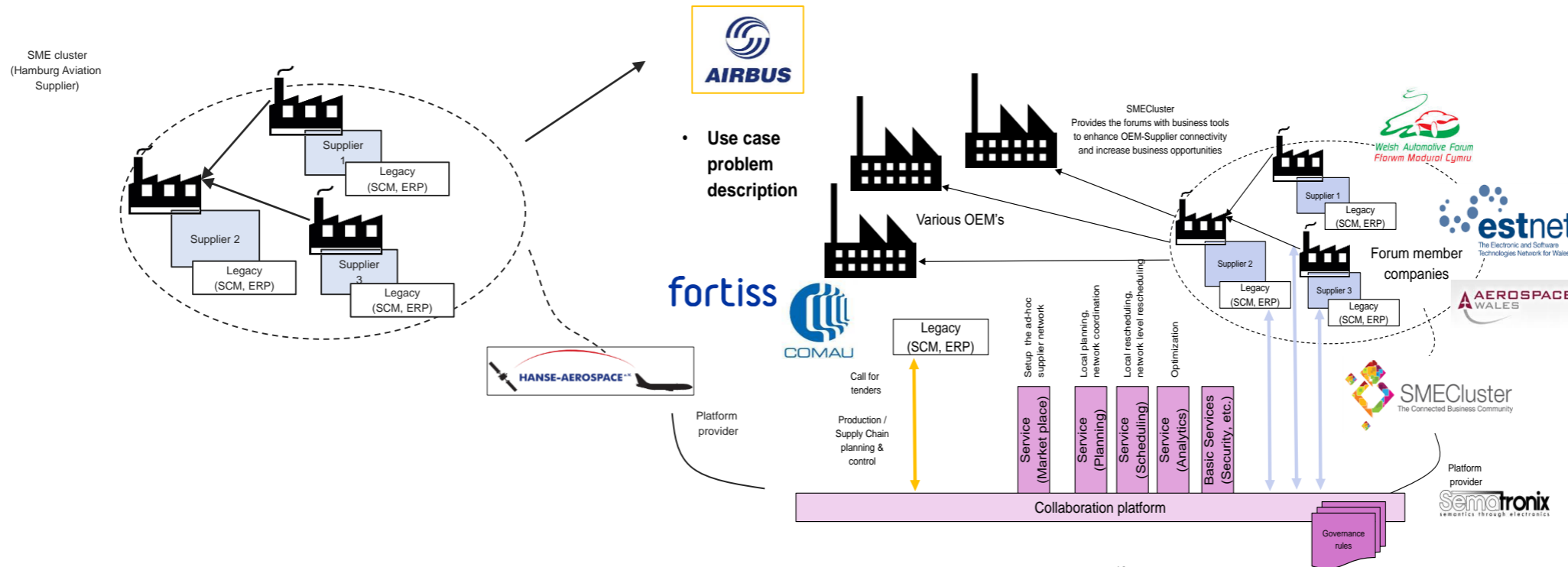
DIGICOR project

16 November 2017,
Waterton Technology Centre, Bridgend

Arnd SCHIRRMANN, Airbus

DIGICOR project idea

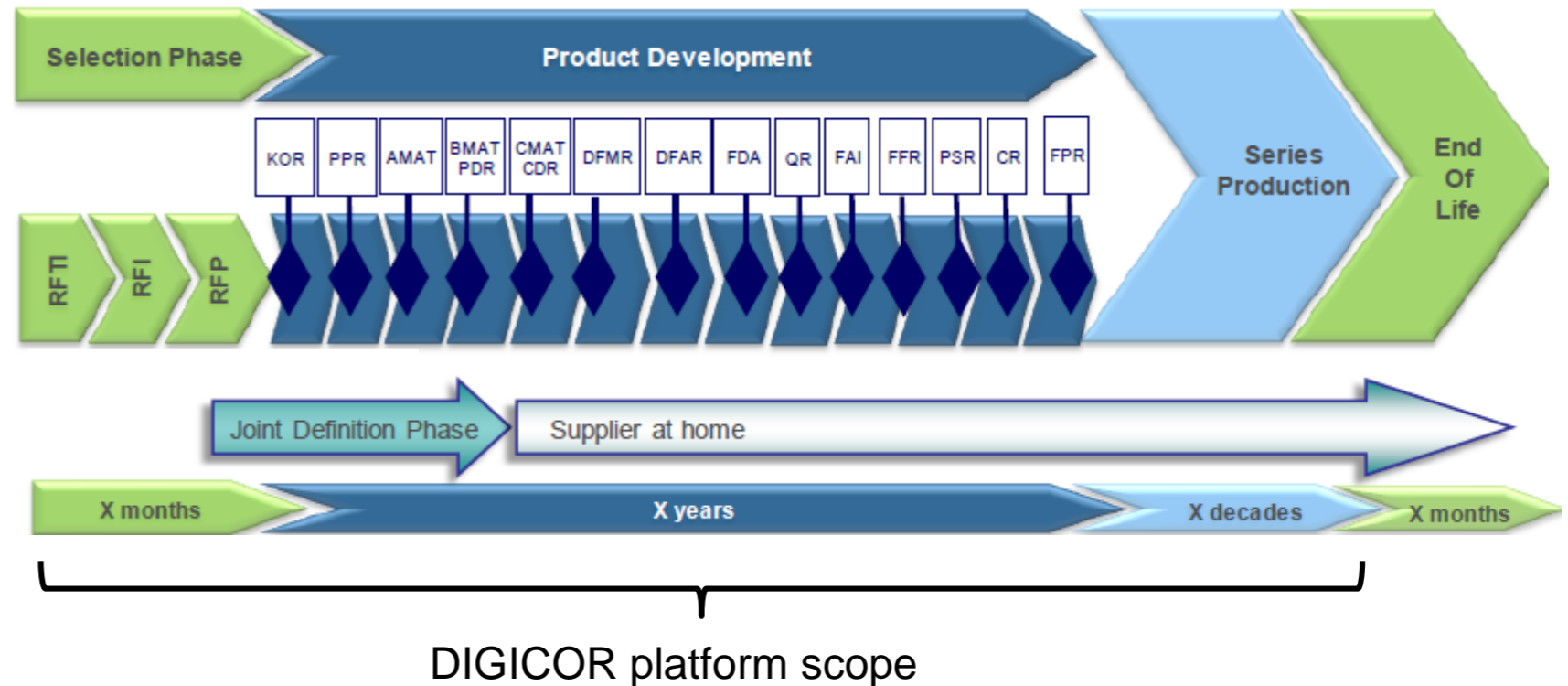
- Concepts, technical platform and business models for collaboration of SME suppliers in the supply chain of large OEM
- ➔ “Virtual Supplier” can offer, develop & produce more complex components/ systems
- ➔ Platform provides services for partner search, OEM governance orchestration, advanced planning, control & risk management



DIGICOR project scope

- “Virtual suppliers” setup from multiple SME have to guarantee the fulfilment of all supplier requirements along the complete project live cycle
- DIGICOR will provide technical means to virtually integrate functions like ERP, design tools and MES of involved SME to operate like a “virtual single enterprise”
- DIGICOR platform certification by OEM may support the risk management due to guaranteed procedures etc.

Project Life Cycle (D&B contract)

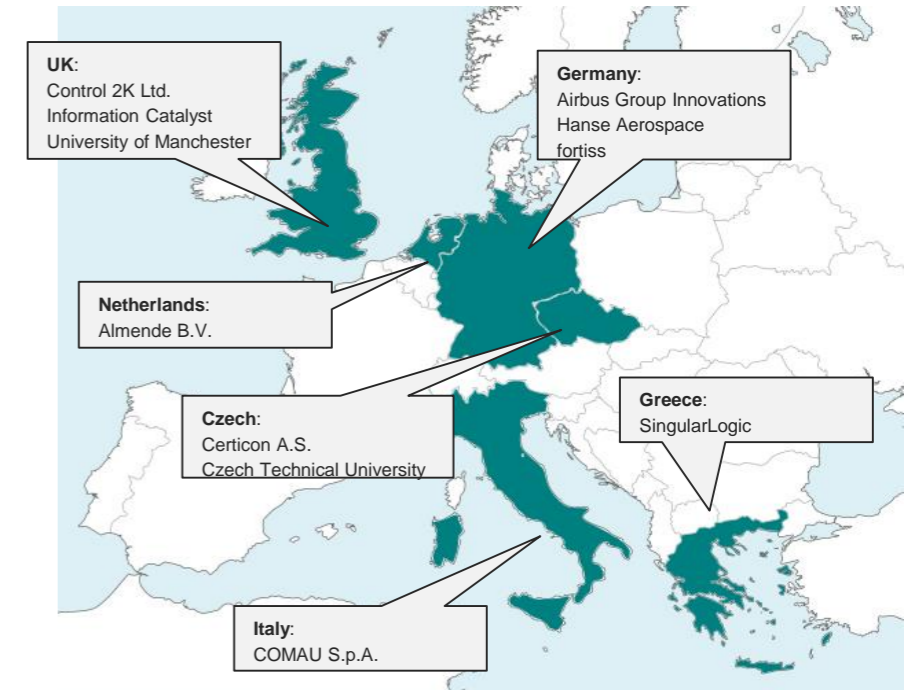


Technology highlights

- Collaboration concepts, business models and legal framework for “virtual suppliers” (virtual enterprise breeding environment)
- Digital platform / eco system for collaborations (micro services, REST UX, cross-platform services)
- Methods & algorithms for partner selection & match making
 - Tender decomposition (ontology based)
 - Supplier match making (semantic models)
 - Supplier assessment, ranking
- Orchestration of collaboration governance (enforcement of “means of compliance”)
 - Formal (semantic) modelling of OEM governance rules
 - Template based setup of collaboration plan (processes, milestones & deliverables)
 - Control of project progress and enforcement of OEM governance (e.g. ASR)
- Planning and control of collaborative project execution (development, production in distributed legal entities)
- Risk assessment & management in collaboration

DIGICOR project factsheet

- DIGICOR
→ “Decentralized Agile Coordination Across Supply Networks”
- H2020 Research & Innovation Action, FoF-11 Digital Automation
- 36 month (Oct. 2015 – Sept. 2019)
- 11 partners, 6 European countries including United Kingdom, Germany, Italy, the Netherlands, Greece and Czech Republic
- 8 Mio € funding, 905 person month (AGI: 85 PM)
- Project coordinator: Airbus (Arnd Schirrmann)



www.digicor-project.eu

