

# Lessons learnt about the management of a Systems Engineering trainings framework: A Safran Group return on experience

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**Abstract.** Past, present and future of the MBSE training framework for the Safran group. Feedbacks of the transformation journey of the group.

## Biography

### **Nicolas Gueit** (Safran Landing Systems)

Nicolas Gueit is expert in systems engineering in the Safran group.

He started as an architect in the control systems for Safran Aircraft Engines, on both commercial and business aircrafts.

He was then in charge of the systems engineering methods and tools team, and led many transformation programs for Safran Aircraft Engines, including the SE framework update, the introduction of MBSE, the deployment of new generation of ALM/ELM platforms and other tools for ontologies management.

He was then company level expert, trainer and coach, participating in the deployment of the MBSE through the company, and animator of a systems engineering practitioners network in the Safran group.

He joined Safran Landing Systems in 2019 and is in charge of the MBSE framework development, and an expert at the Safran group level. He is also a member of the AFIS (French chapter of the INCOSE) since more than ten years.

### **Julien Castex** (Safran SA)

Julien worked at Safran Aircraft Engines on the implementation of the system architecture process, methods and tools. Julien participated in the creation of System Engineering training and its deployment at Safran Aircraft Engines.

Later, he joined the cross-functional architecture team at Safran Landing Systems.

Julien implemented MBSE on development projects for various customers and aircraft types, including Safran Landing Systems's R&T programs.

In 2021, he joined the Safran corporate Engineering 4.0 team to support PLM as-required and MBSE domains deployment in the Safran group entities.

### **Julien Maille** (Safran Aircraft Engines)

Julien Maille is expert in systems engineering in the Safran group.

He started as an engine control system architect and then as an engine operability engineer for Safran Aircraft Engines, on commercial, business and military aircrafts.

He joined then the systems engineering methods and tools team, and was in charge of the deployment of new generation of ALM/ELM platforms.

He is now company level expert, trainer and coach, participating in the deployment of the MBSE through the company, and works for many transformation programs for Safran Aircraft Engines.

### **Stephen Perun** (Safran Aerosystems)

Stephen Perun is head of System Method & Tool team and MBSE expert for Safran Aerosystems.

He started as software developer for aircraft, railway and defence industry.

He then joined Safran Aerosystems in 2020 to deploy new generation of ALM/ELM platforms. He is now company level expert, trainer and coach, participating in the deployment of the MBSE through the company.