

# Hugues LANGER

**Chief Technology Officer Sonaca Group**

“Urban Air Mobility should not only be seen as a new technology, but also as a new way to improve the global city and intercity mobility landscape, through an environment friendly, safe and affordable transportation system. One of the challenge of UAM will be its public acceptance, in order to become a profitable business case for all stakeholders”

Based on more than 35 years in Products and Services development in Aerospace, I've built an end-to-end knowledge of the development process, with both technical & managerial experience in the different business processes involved, from R&T to Pre-series production.

5 years ago, I've been in charge of Sonaca Innovation Program, where I helped teams of open minded engineers to apply creative thinking to products, processes, and business development.

Several business projects were launched from this think tank, among others the Sonaca 200 trainer aircraft and the High Altitude Platform System for the Stratos Solution start-up.

Also I've contributed bringing new potential customers for Sonaca's engineering, in innovative domains like hybrid powered aircraft or transportation airship.

Since several years, I've been representing the Belgian Aerospace, Security and Defence Industry in different commissions and working groups of ASD, lately the Urban Air Mobility Working Group.

## WORK EXPERIENCE

### SONACA GROUP

**2018 - today**                      **Chief Technology Officer**

- R&T, Innovation Program, Engineering Business Development

**2016 - 2018**                      **Chief Technology Officer**

- R&T, Innovation Program, Engineering

**2011 - 2015**                      **Development & Pre-series Director**

- Design & Build Development Programs, Pre-series Production

**2009 - 2010**                      **Industrialisation & Production Director**

- Multisite Industrialisation, Operation of Belgian based Production sites (Metallic and composite parts, Assembly)

**2006 - 2008**                      **Industrialisation Director**

- Industrial Infrastructures and Maintenance, Industrial Engineering, Pre-series Production

**2001 - 2005 Deputy Technical Director**

- Product Definition, Configuration, CFAO support, Central Tooling & NC Programming.

**1998 - 2000 Head of Design, Tooling & NC Programming**

- Product Definition, Configuration, CFAO support, Central Tooling & NC Programming.

**1994 - 1997 Head of Design**

**1988 - 1993 Head of Systems and Tests**

**1983 - 1987 R&D Engineer**

**MAX PLANCK INSTITUT FÜR METEOROLOGIE (Hamburg, RFA).**

**1981 - 1982 Research Engineer in climate models.**

#### **EDUCATION**

**1980 : Aerospace Civil Engineer - Université de Liège – Magna cum Laude**

#### **OTHER ACTIVITIES**

- Sonaca Ventures Holding Board Member
- Sonaca Aircraft Board Member (Sonaca trainer aircraft)
- Skywin Board Member (Walloon Aerospace Cluster)
- Stratos Solution Board Member (High Altitude Platform System start'up)
- Aerospace, Security and Defense Association Commission Member