

The last visit of the A4Blue consortium took place at the Airbus Saint-Nazaire plant on 28th of February 2017 for a workshop on the industrial Airbus use case scenario: **”Towards a next generation hydraulic system assembly on the A350 Landing Gear Nose Box thanks to relevant contextual information on demand (AR), smartly connected to handheld tools or collaborative robots, thoroughly authored upstream through tasks simulation in VR.”**

The aim of the meeting was to provide to all the partners a better understanding of:

- the activities around Automation, Virtual Reality and Augmented Reality in the Airbus context
- the motivation for Airbus’ participation to the A4Blue project i.e. Leading to the consolidation of business cases for these new technological trends

The key to reaching the challenge Airbus is facing in terms of performance of the ramp-up activities, will be achieved by placing the Operators in the centre and providing a link between the Operators their Mission, and the Technology (Smart Tools, Cobot, AR devices, ...)

This day was organized around three main parts.

Firstly: An Overview of Saint-Nazaire activities with a focus on Automation, Virtual Reality and Augmented Reality as developed so far for further upcoming applications in the Aircraft processed in the assembly line. This was presented based on slides and videos, and sharing experience.

The aim of this first part was to emphasize Airbus’ motivation to participate in A4Blue in order to take benefit of other A4Blue partners’ experience especially on the methodology of experiments and adaptation of the design of HMI for optimization through the A4Blue framework test.

Our goal is to achieve a maturity that we live in daily life through the usage of GPS and their interfaces; highly focused on the information we need.

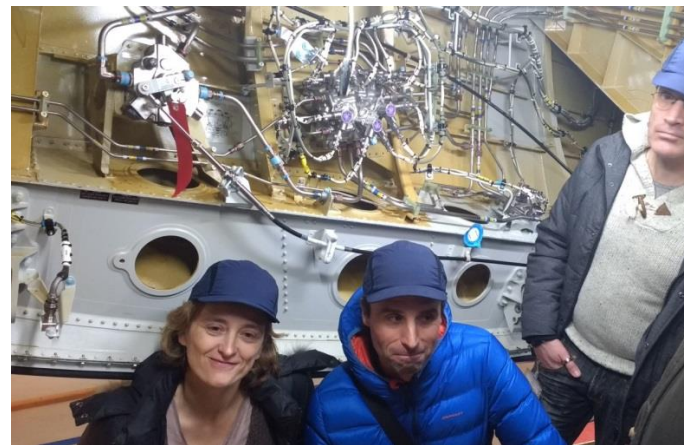




A4Blue team in the assembly line

The second part was the visit of the assembly line for Systems assemblies with an explanation from the blue collar workers about their daily job, the use of paper based instructions, and regarding the Takt time...

...with a dedicated stop on the Landing Gear Nose Box aiming to perceive the real environment of the use case



Part of the A4Blue team in the Landing Gear Nose Box

Finally, the last part was a more interactive workshop to detail deeper the activities and results that Airbus is targeting.

Thank you to everybody for this fruitful visit!!!

Laure Parigot & Yann-Henri Laudrain.



Saint-Nazaire plant in twilight