

## CHALLENGE AND SOLUTIONS

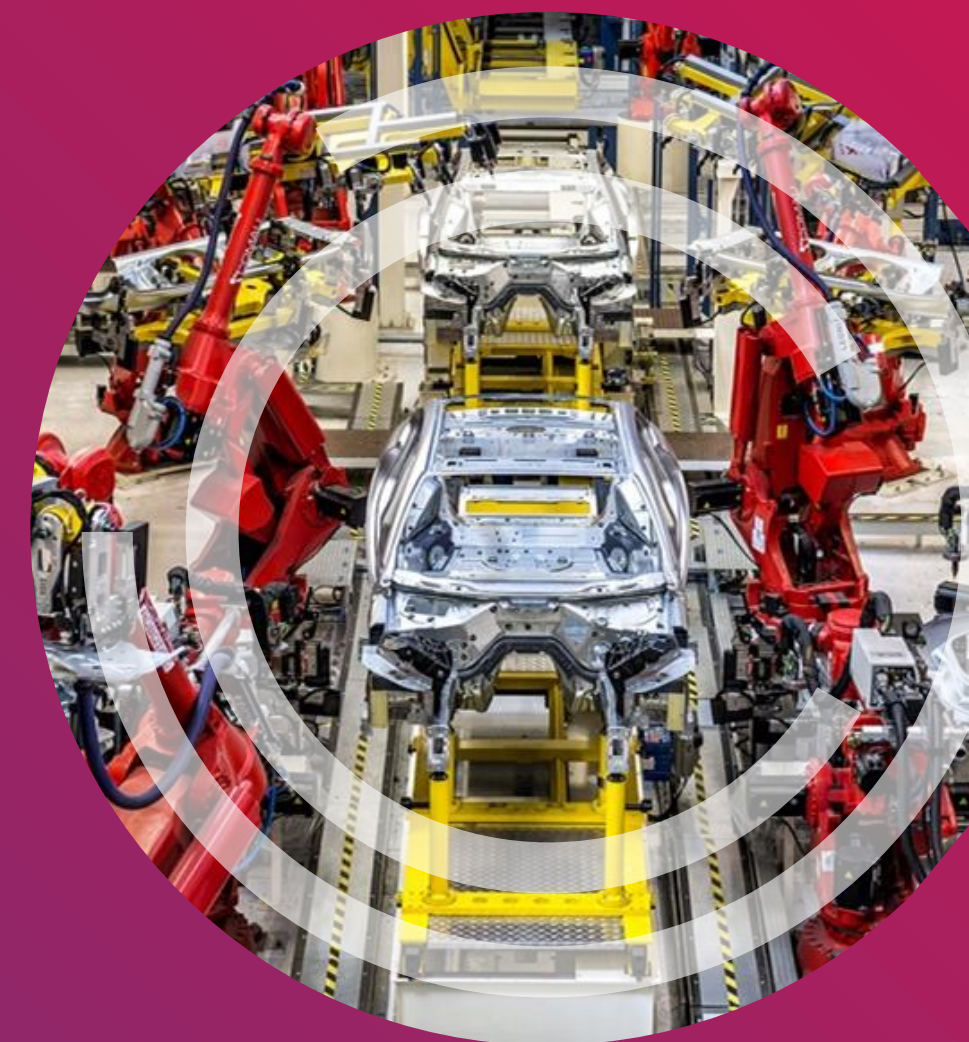
PURE project aims to industrialize an air purification technology (APA - Air Pollution Abatement systems) able to naturally abate (absorb and eliminate) the widest range of air pollutants and contaminants present in the manufacturing environments; this, using a patented water-based filterless technology, operating multi-level following a patented distributed model of intervention based on multiple applications, in the end user's spaces.

The systems are composed of two components: (1) an Air Purifier that creates a bubble of clean and pure air around it and (2) an Air Monitor that uses sensors and AI to analyse the presence of air pollutants and contaminants.

### TIMING AND MILESTONES

- Use cases and requirements – May, 2021
- APA industrialization – September, 2021
- Pre-series and product validation completed – November, 2021
- Commissioning and customer validation – December, 2021
- Market launch – December, 2021

“ Thanks to EIT we were able to bring Air Purification technology into a manufacturing environment ”



### MAIN PROJECT RESULTS

- APA system industrialization
- APA system adoption in manufacturing environment
- APA system validation in FAGOR plant



**Giovanni Di Stefano**  
Head of Innovation and Process Technologies at COMAU  
**MAIN PRODUCT**  
Automation systems  
**AIM:** Enabling technologie