



BACKGROUND AND MOTIVATIONS



- Increase the final manufacturing quality to better exploit the engineering design innovations
- MASS CUSTOMIZED, ZERO-DEFECT, INDUSTRY 4.0 DIGITALLY CONNECTED PRODUCTION
- Improve **sustainability** with energy-efficient robotic processes
- Reduce costs and delivery time



MAIN OBJECTIVES



- Superior accuracy, energy-efficient force feedback robotic assembly
- SINGULARLY OPTIMIZED, ONE-PIECE-FLOW PRODUCTION
- IoT-based product quality tracking
- Novel generation of modular and reconfigurable robotic assembly cells





























