# DAT4.ZERO

#### Data Reliability and Digitally Enhanced Quality Management for Zero Defect Manufacturing in Smart Factories and Ecosystems 08. July 2021

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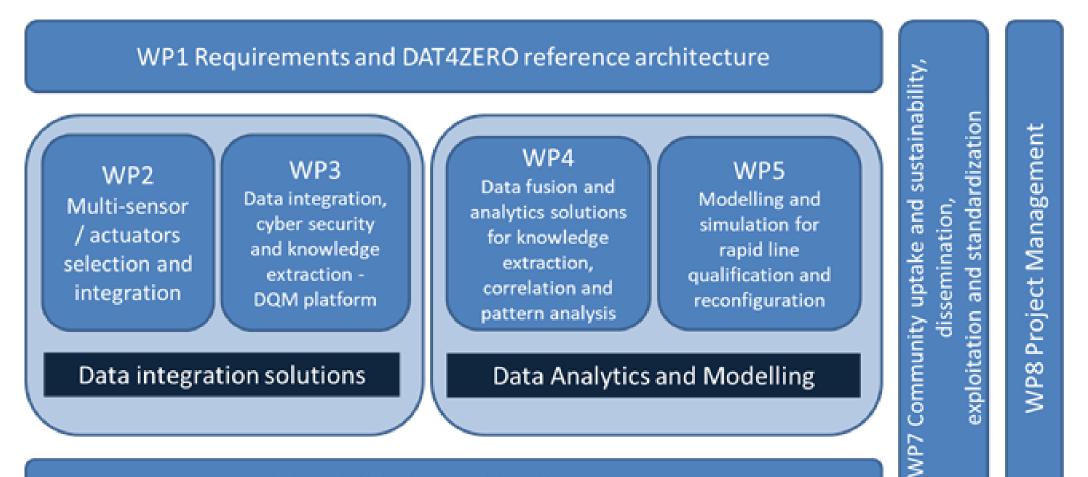
# "DAT4.Zero presents European manufacturers with a system and deployment strategy for Digitally Enhanced Quality Management."

# DAT4.Zero

- €12M
- 2020-2024 (42 Months)
- 20 Partners (+2)
- 6 Countries (+1)

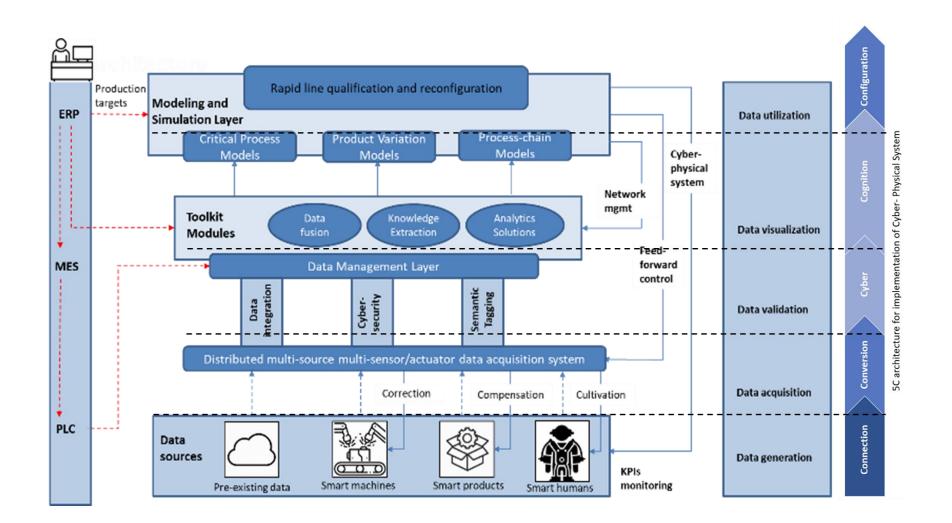




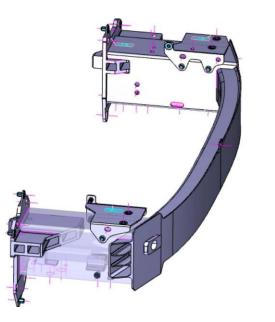


WP6 Validation within Pilot Lines

# DAT4.Zero: DQM "CPS" Architecture





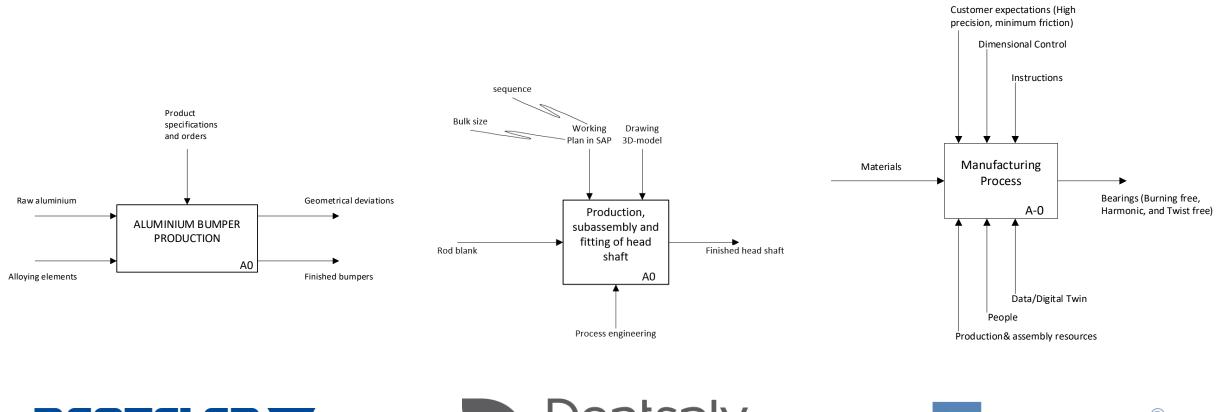


# DAT4.Zero Use Cases





#### Use case requirements: multi-stage ZDM









# DAT4.Zero: Impact

Five DAT4.Zero use-case pilot line demonstrators that address the challenges of quality management in smart factories to:

- Increase quality through 50-80% scrap reduction
- Increase equipment productivity through rapid error localisation
- Reduce ramp-up time using smart sensors, actuators and big data sets
- Reduced time-to-market using AI-driven smart product- & process development









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