DAT4.ZERO
Data Reliability and Digitally Enhanced Quality Management for Zero Defect Manufacturing in Smart Factories and Ecosystems

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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)
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
ZERO DEFECT MANUFACTURING

Starts with Your attitude

This photo of a robot assisted polishing arm is provided by Strecon in Denmark
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