



ZERO-DEFECT MANUFACTURING FOR
GREEN TRANSITION IN EUROPE

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Zero-defect manufacturing for green transition in Europe

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D1.1 System architecture, data, software, hardware specifications

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Abstract and publishable summary

Zero-defect manufacturing is a complex issue that needs a multidisciplinary approach. ENGINE developments are split into three parts – data, software, and hardware. For each part we develop specifications that list what must be developed, requirements, standards etc. Moreover, the three parts must have seamless interoperability and extensibility. To achieve that we develop an overarching system architecture that defines how each part interacts with others and comes together as use cases, demonstrators, and the ENGINE main demonstrator in WP1.

This deliverable combines data, software, hardware specifications into one overarching ENGINE system architecture. It has four parts: (1) system architecture, (2) data specifications, (3) software specifications, (4) hardware specifications.