



Digitalised Value Management for Unlocking the potential of the Circular Manufacturing Systems with integrated digital solutions

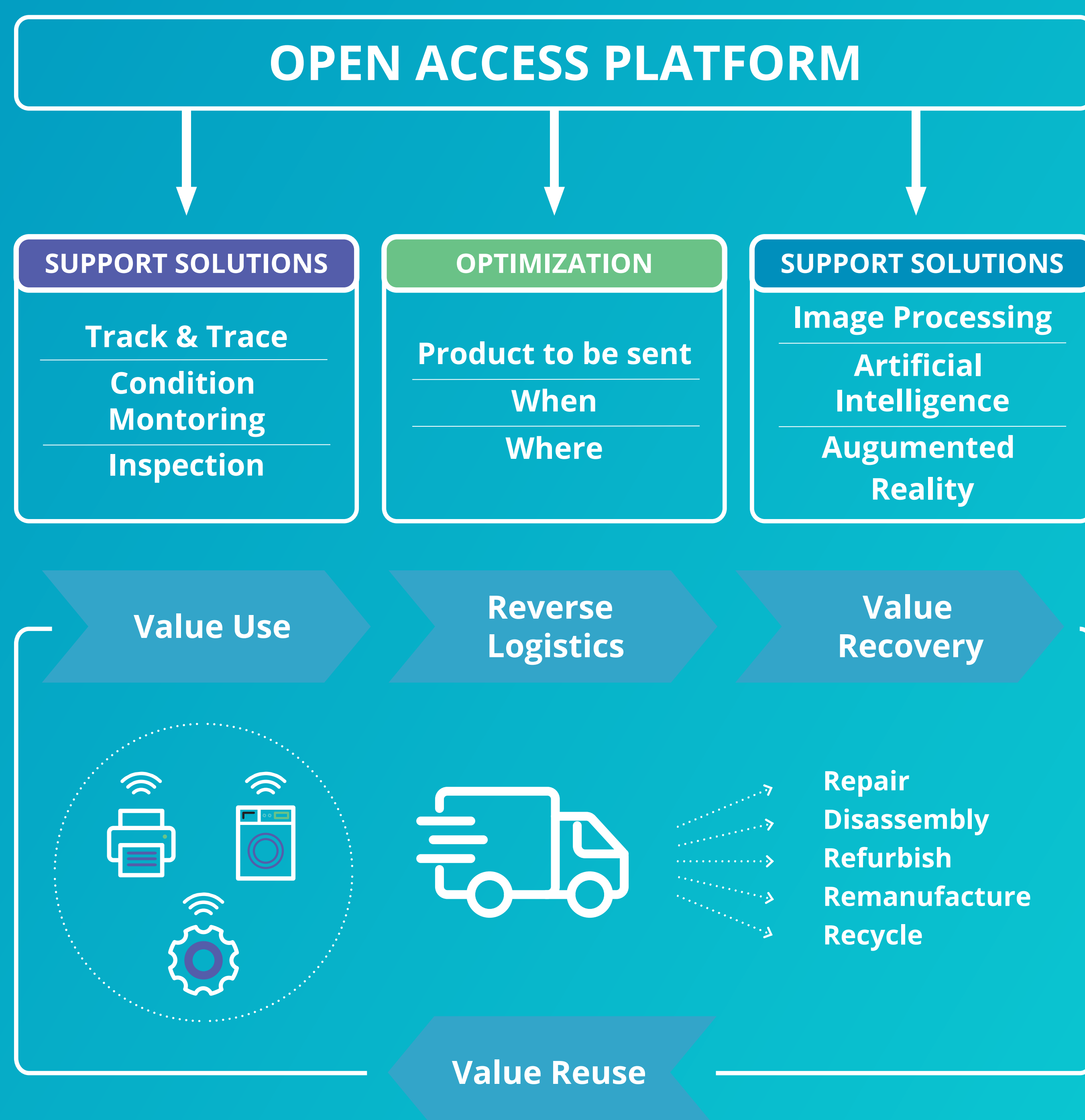


PROJECT OBJECTIVES:

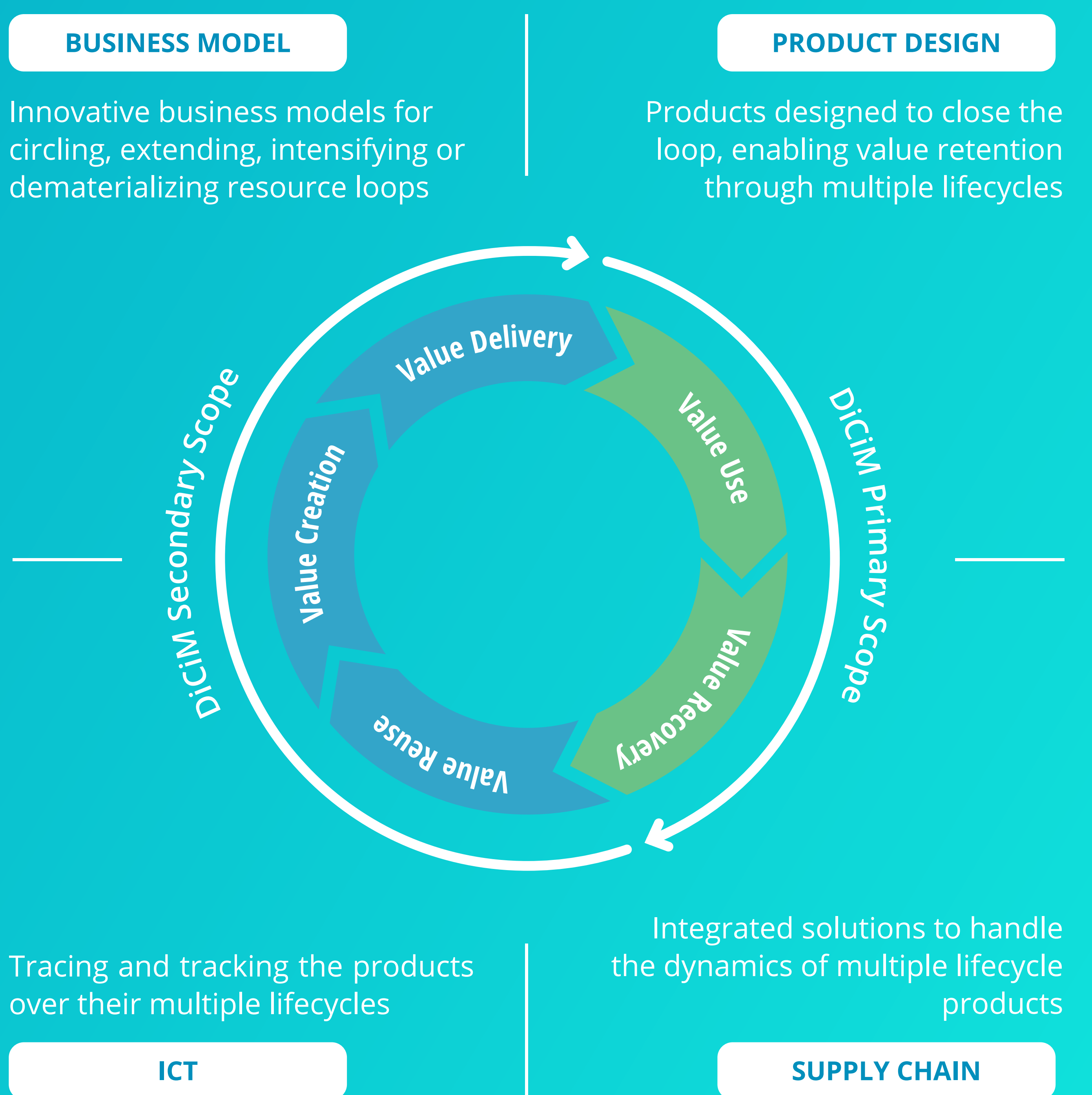
- Design integrated digital solutions for the needs of 4 demonstrators in 3 industries (white goods, electronics and automotive).
- Use insights related to the Internet of Things, machine learning, artificial intelligence, big data, image processing and augmented reality to support managers, engineers, operators, and other professionals in their decision-making on value recovery activities.

- Create an open-access digital platform for product lifecycle information management and support solutions for value recovery activities.
- By engaging with digital technologies, enable the monitoring of the condition of products and components during their use, the optimisation of reverse logistics and the achievement of efficiency and speed of response in value recovery activities (i.e. collection, inspection, sorting, disassembly, testing & repair/ refurbishment/ recycling) to enable the reuse of products, parts, components and materials.

Phases of the Circular Value Management systems and the integrated digital solutions



Value management phases in Circular Manufacturing Systems and the focus of the DiCiM project



Demonstrators



Digital solutions



Universities



Promotion and Networking



Advisory Board



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