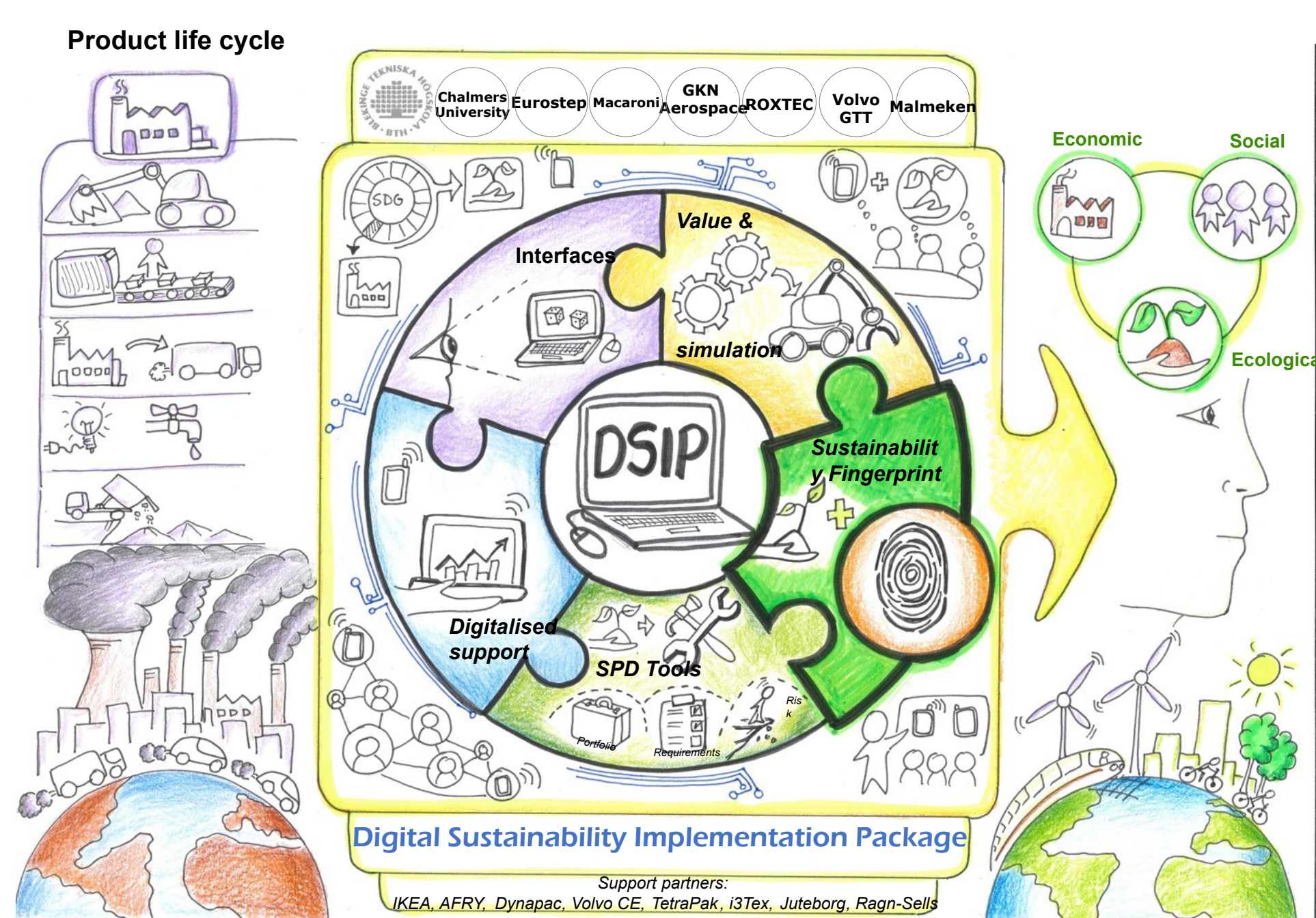
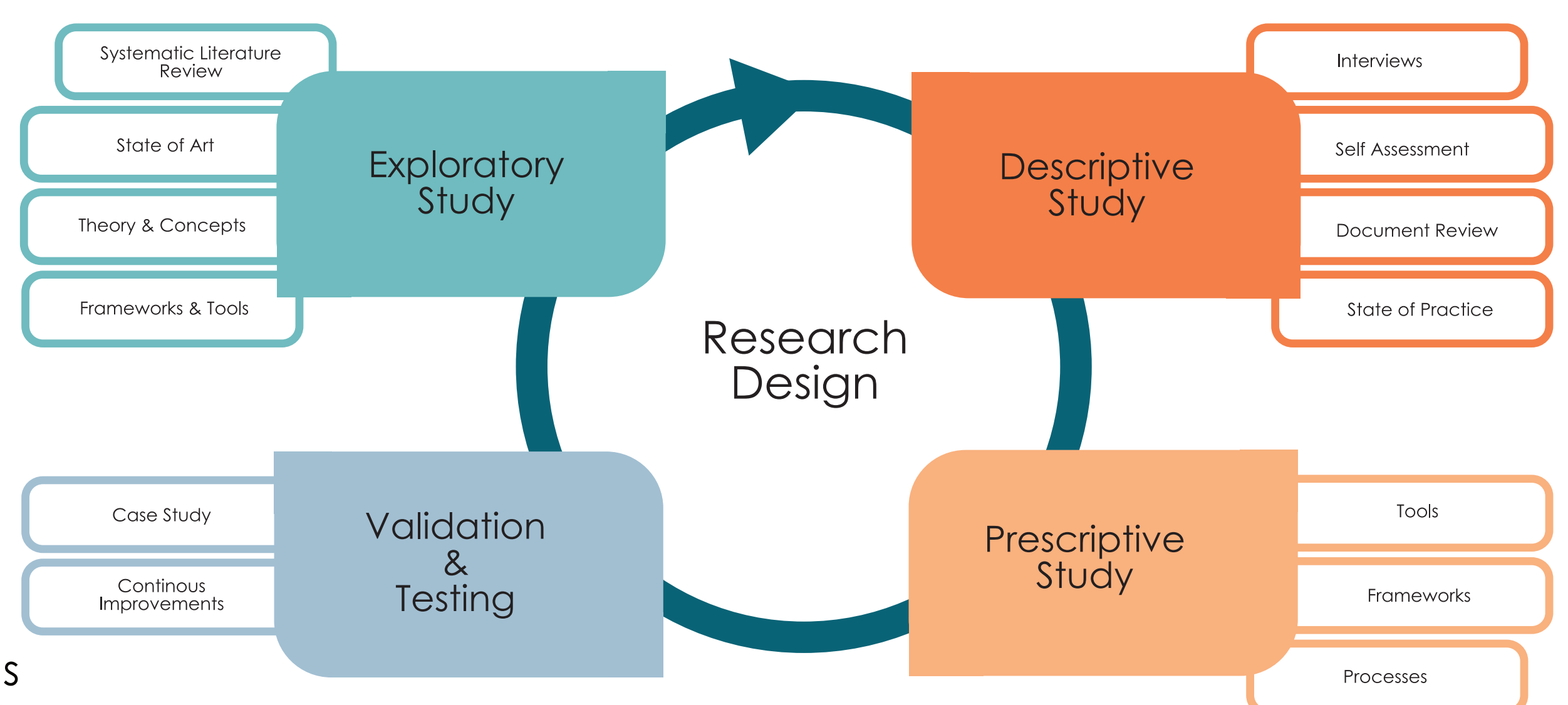


HOW TO MEASURE SUSTAINABILITY IN THE PRODUCT INNOVATION PROCESS

Blekinge Institute of Technology, BTH, Sweden

Research Questions

- RQ1: What is the state of the art regarding how to measure sustainability in product development?
- RQ2: How and why are product development companies currently measuring or assessing the sustainability of different products in early phases of the innovation process?
- RQ3: What capabilities are necessary for companies to secure to be able to measure the progress towards sustainable product development, i.e. from a strategic, tactical and operational perspective?
- RQ4: How can a strategic sustainability perspective be integrated into measurement approaches in early phases of the product innovation process?



Expected Outcomes

- Mapping of current approaches used in industry to measure sustainability in product development.
- Understanding of what information and which product sustainability criteria that are required to meet upcoming EU Legislation, e.g. Digital Product Passports.
- List of required capabilities to assess, measure, and report sustainability in early product development at different organizational levels.
- Support for increased industry capabilities to assess and measure product sustainability profiles.
- Develop support to strategically measure sustainability in early phases of the product innovation process.

Impact: Catalyze the development of solutions that contribute to society's transition towards sustainability in a way that benefits the own organization.



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