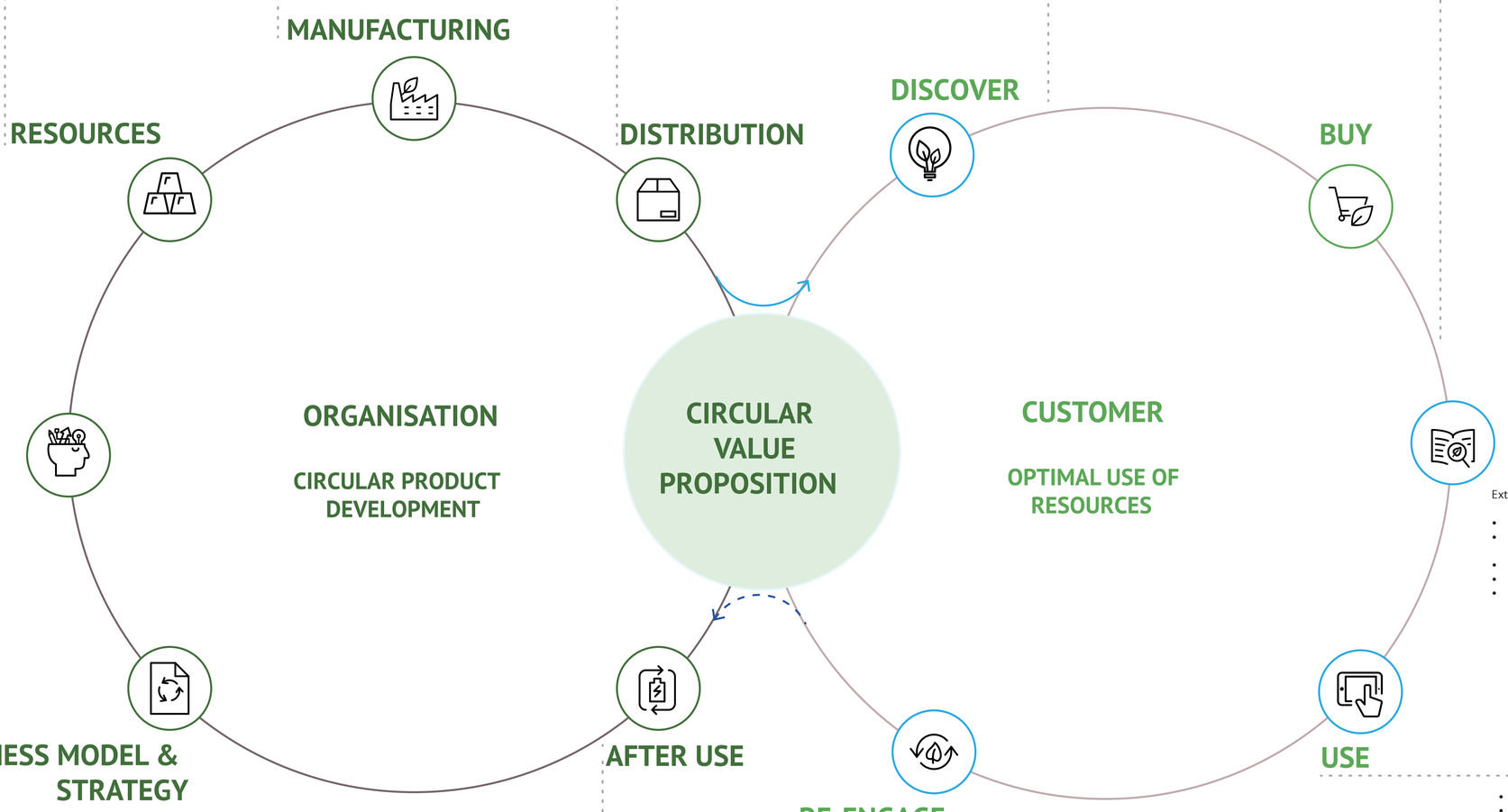
CIRCULAR ECONOMY LIFE CYCLE OPPORTUNTIES

Towards a Sustainable Finnish Re-Manufacturing Industry

RESERACH & DESIGN | PURCHASING & MATERIALS | MANUFACTURING | LOGISTICS | SALES & MARKETING | AFTER SALES & SUPPORT



LEARN

Extending the Product Lifecycle:

- Product durability – What is the expected lifecycle of the product?
- Enhancing emotional attachment through thoughtful and sustainable design
- Easy maintenance for the user to promote long-term use
- Simple and accessible repair options for users
- Product modularity, upgradability, and compatibility to support reuse and reduce waste

USE

- Is the product designed for reusability?
- Are second-hand product sales supported or encouraged through retail channels?
- Is maintenance and repair easy and accessible for users?
- Can the product be easily updated or modernized ?
- Does the product come with a warranty, and how does it support long-term use?

AFTER USE / END OF LIFE

- Is there a system in place for collecting the product and/or materials after use?
- Can materials be easily separated and reused at the same value or upgraded through higher-level processing?
- How is the product designed to support efficient recycling or upcycling?
- Are there partnerships or infrastructure in take-back?
- What incentives or services encourage customers?
- How is transparency ensured in the material recovery process?

CIRCULAR SERVICE DESIGN & DEVELOPMENT | VALUE CREATION AND RECOVERY | HOW TO NUDGE CUSTOMER / USER BEHAVIOUR TOWARDS CIRCULARITY?

BUSINESS FINLAND TURKU AMK Åbo Akademi

First published by EcoDesign Circle, funded by Interreg Baltic Sea Region, Design methods for successful circular innovation.
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