



ACTIVATING CIRCULAR SERVICES IN THE ELECTRIC AND ELECTRONIC SECTOR

THE NEED

Waste Electrical & Electronic Equipment (WEEE) in EU:

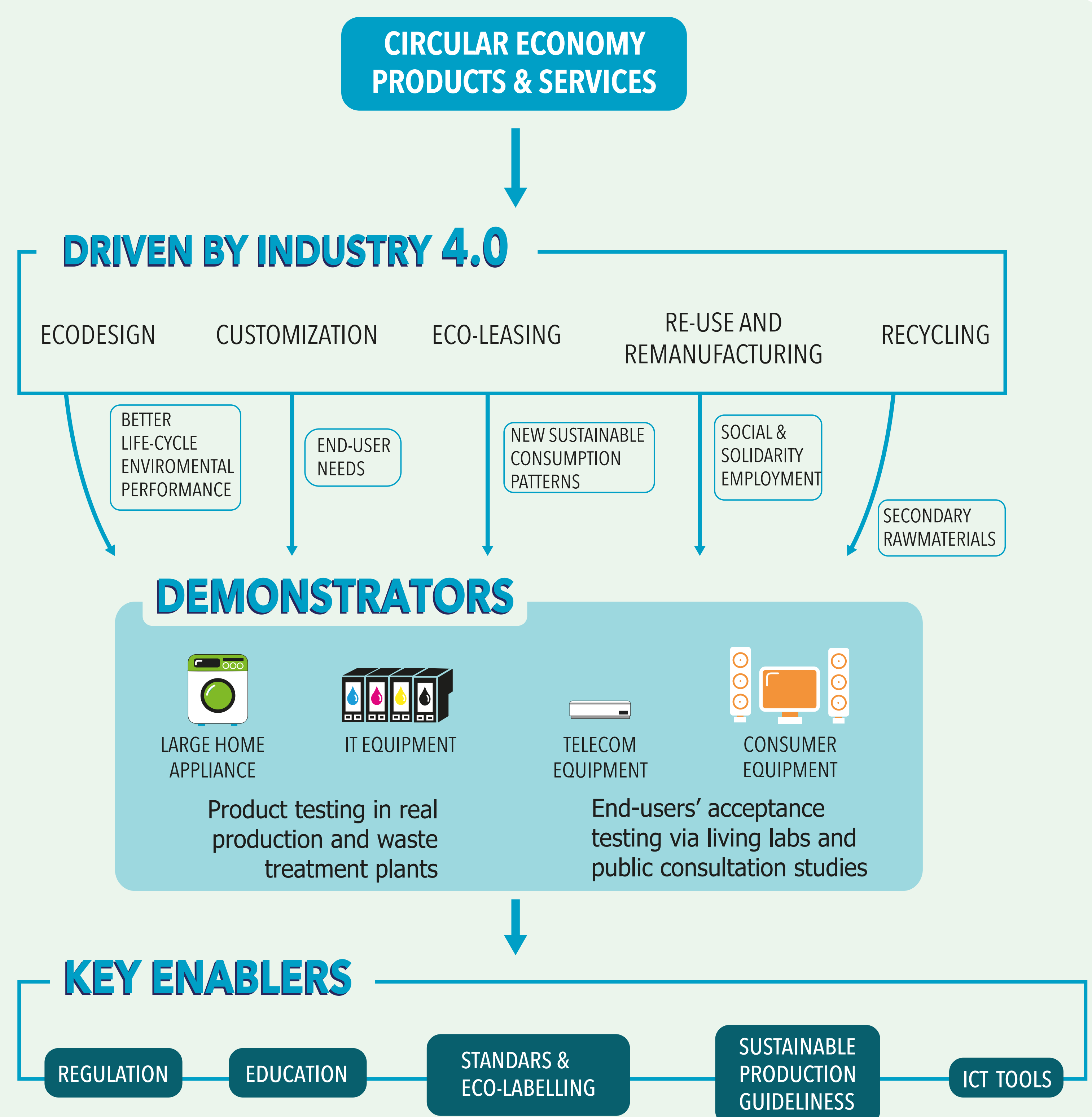
- Growing at 3-5% per year
- Generation > 12 Mt (for 2020)
- Complex mixture of valuable materials



THE SOLUTION

C-SERVEES aims to transform the Electrical and Electronic (E&E) sector into circular and 4.0

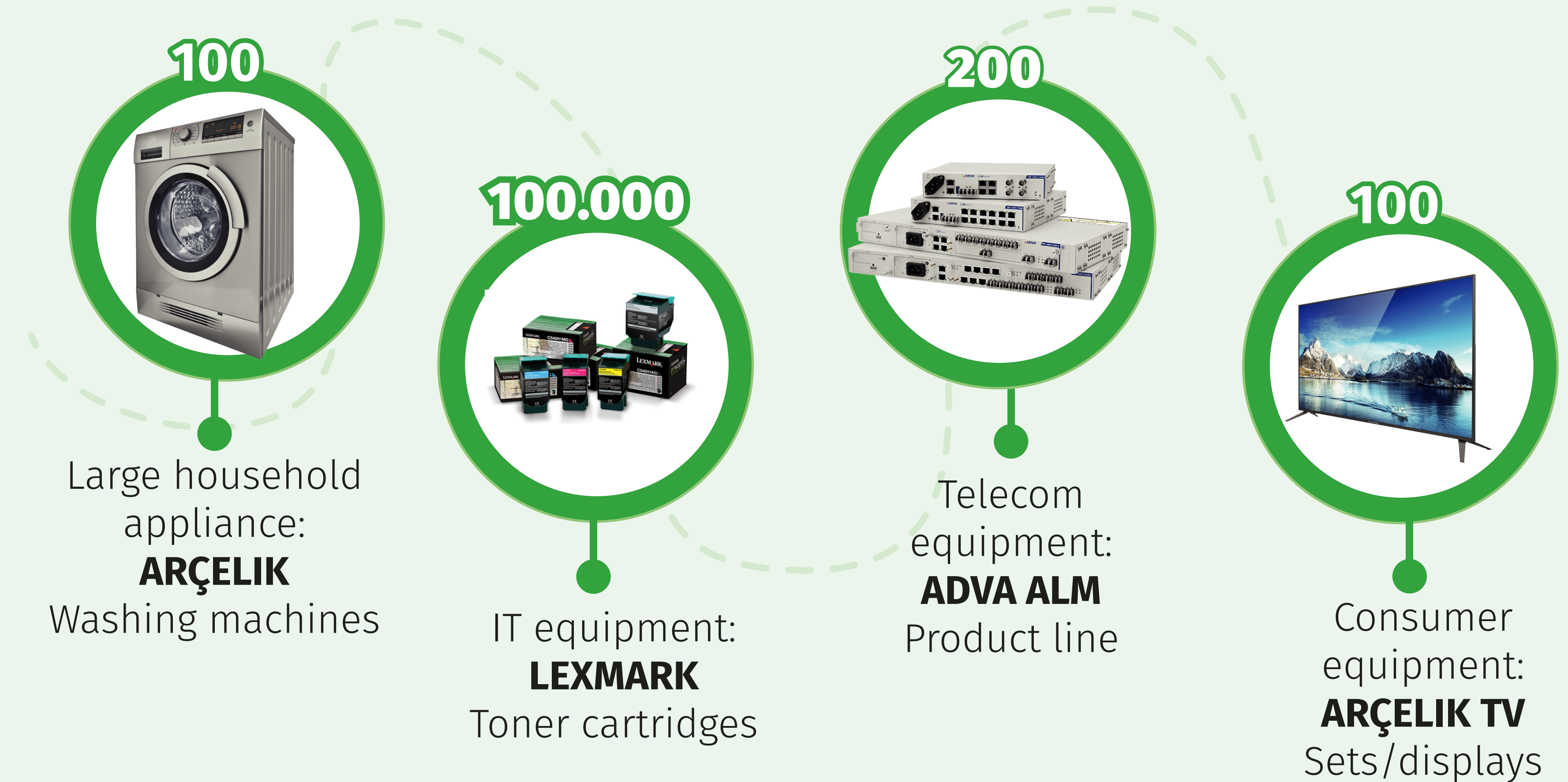
- New opportunities for end-users
 - Involvement in design
 - Access to a product as a service
- Social and solidarity economy
 - Jobs for people at risk of social exclusion
- Systemic eco-innovative services
 - Eco-leasing
 - Product customization
 - Improved WEEE management
- Supported by ICT tools



RESULTS

Running demonstration with target products to:

- Develop circular economy business models for E&E sector
- Develop ICT tools for bidirectional communication & secure information exchange through the EEE value chain
- Implement the new circular economy business models
- Validate the new business models
- Provide key enabling tools for boosting the replicability & transferability
- Maximize the innovation impacts of the project for contributing to the uptake of the project results for growth and jobs



THE ICT TOOL

Driver of the proposed eco-innovative services for boosting both

- Circular economy
- Industry 4.0

ZERO-KNOWLEDGE ICT FOR INFORMATION EXCHANGE IN A SECURE, QUICK & TRANSPARENT MANNER

Who?	How?	What?
Manufactures 	QR label on products 	First-hand feedback from end-users and EoL managers: market insights, improving user experience, product customization and design for EoL
End users 	QR app for smartphones 	It is a digital passport for products and provides services to users Interactive user manuals Consumables management Warranty tracking Theft prevention Repair manuals Prodducer feedback
EoL managers 	QR scanners (handheld or in-line) 	Improvement of EoL management by enabling product life-cycle tracking and automatically make sorting & treatment decisions based on computer algorithms

MORE INFO – NEWSLETTER – BECOME A STAKEHOLDER

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FUNDING



COORDINATOR



PARTNERS

