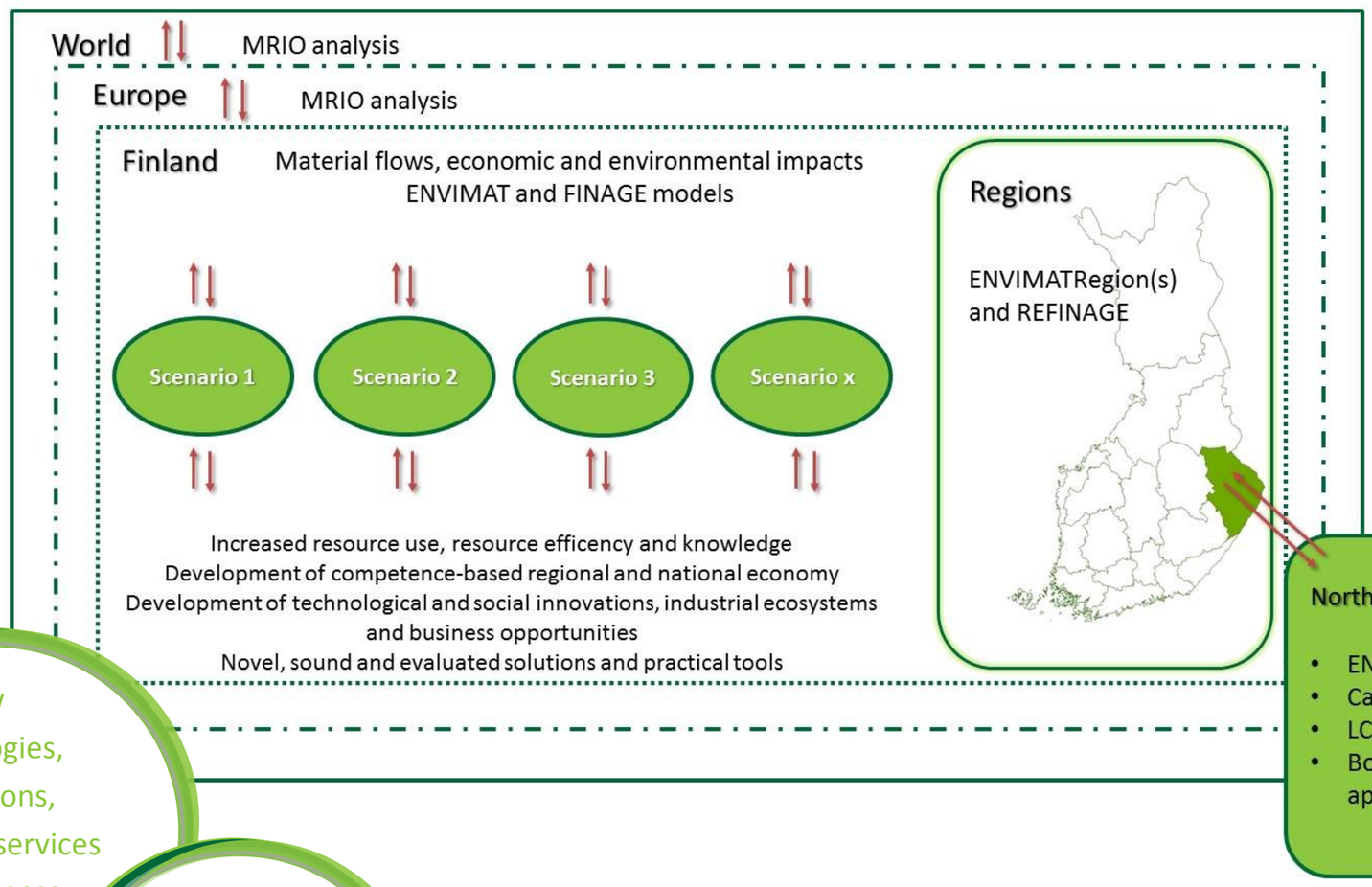
# TRANSITION PATHWAYS TOWARDS CIRCULAR ECONOMY

TRANSCIRC

**The TRANSCIRC project will promote a resource efficient transition towards circular economy at national, regional, local and sector levels taking into account the European and global contexts**

- Exploring current state and future trends of a resource efficient circular economy
- Identifying barriers, challenges and drivers for the development of a circular economy
- Identifying key sectors, activities as well as material, waste and by-product flows
- Learning from case studies, bottom-up processes and interaction with wide range of stakeholders in order to co-create new knowledge and understanding of the preconditions of a circular economy
- Designing alternative and viable scenarios and pathways towards a circular economy




New policy measures, tools and information to support consumers' resource efficient and environmentally friendly choices

Systemic change in consumer behavior and lifestyles, consumption, production, industrial ecosystems and policies in all levels of society

Appropriately implemented circular economy will benefit both the environment and the Finnish economy

Circular economy minimizes the use of virgin resources and maximizes the length of material and product life cycles

Case studies will help to identify win-win solutions for different actors and create possibilities to up-scale efficient measures

New technologies, innovations, processes, services and business models

Relevant and complementary national, regional, local and business level indicators

New operational environment from the supply and demand point of view

Institutional factors, policy instruments and regulatory frameworks

Remove obstacles from implementing measures to realize circular economy

- Modelling economic, environmental and social impacts of the future scenarios
- Combining material flow analysis and environmentally extended input-output analysis (ENVIMAT) with dynamic general equilibrium model (FINAGE/REFINAGE) to explore the impacts on industries, sectors and products
- Seeking means for double decoupling in the Finnish economy

**Comprehensive and disaggregated scientific assessment of the best solutions to accelerate the transition towards circular economy**

**Project partners:**

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NATIONAL INSTITUTE FOR HEALTH AND WELFARE FINLAND

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