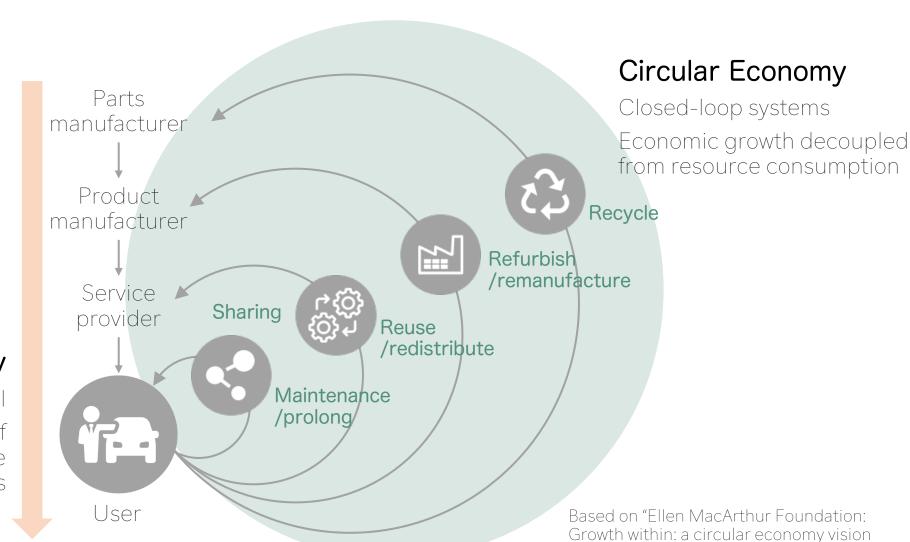
INTRODUCTION OF KIMITA LABORATORY

Department of Technology Management for Innovation Koji KIMITA

Research background



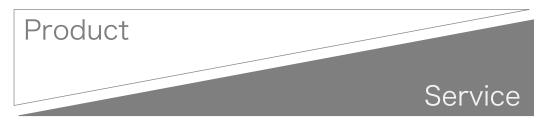
Linear economy

Take-make-consume-disposal
Relies on large quantities of
cheap, easily accessible
resources

for a competitive Europe"

Research topics

Product-Service Systems



Selling cars

Offering mobility services e.g. car sharing

Servitization



Engineering Design

Developing engineering methods and tools for designing Product-Service Systems



Capability Development

Supporting manufacturing companies to develop distinctive capabilities for servitization

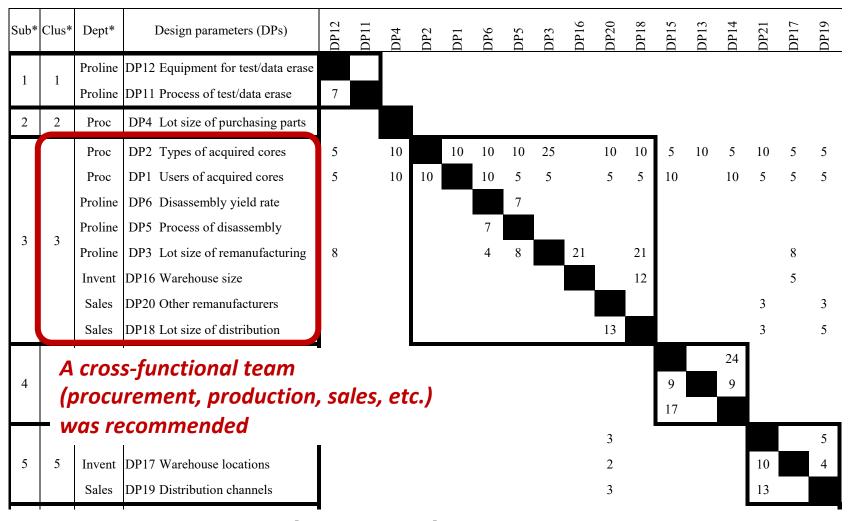


Mechanism Design

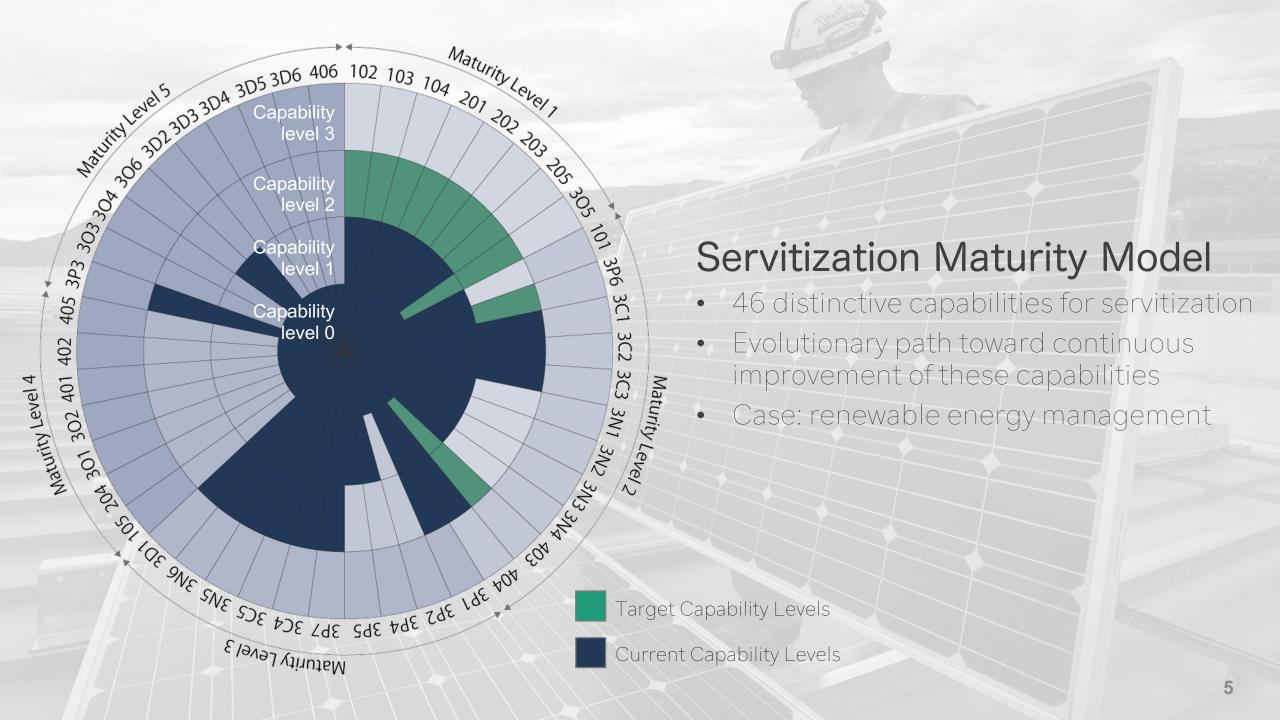
Implementing mechanism design, which is a field in economics and game theory, into practical cases

Designing loosely coupled systems

- Addressing uncertainties in remanufacturing
- Case: Swedish remanufacturer of IT equipment



Using Design Structure Matrix [Browning 2001] for defining cross-functional teams Proline DP10 Process of assembly



Research collaboration

Collaborating with Assoc. Prof. Nishino in TMI

- Research and study meeting
- Collaborative research on Mechanism Design in Service

Industrial collaboration

- Case studies and application of proposal methods
- Infrastructure systems, Mobility, Sharing Services, etc.

International networking

• Technical University of Denmark, Linköping University, etc.

Message for students

We welcome students who are interested in

- Research on Circular Economy, Servitization, Product-Service Systems, Service Design and Engineering, etc.
- Presenting your research in domestic and international conferences
- Research with industrial collaboration and/or international network

If you have any questions, please feel free to contact me! kimita@tmi.t.u-tokyo.ac.jp