

Transformational Economic Change

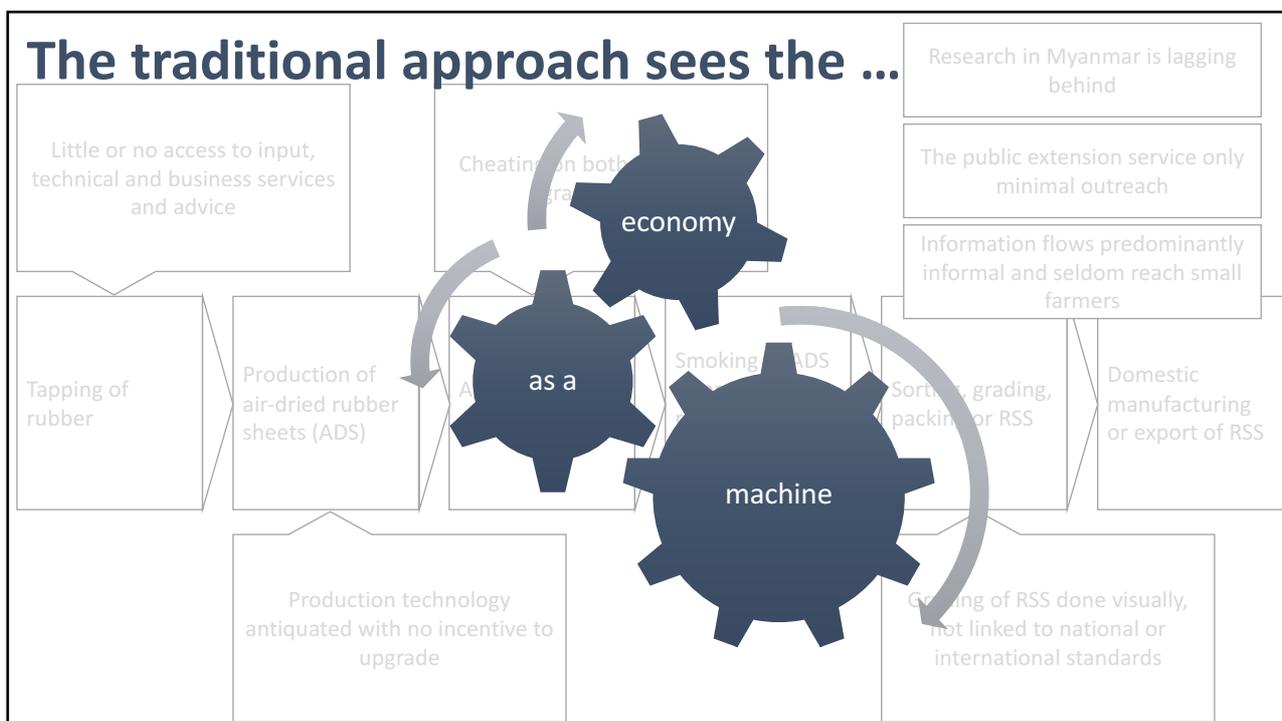
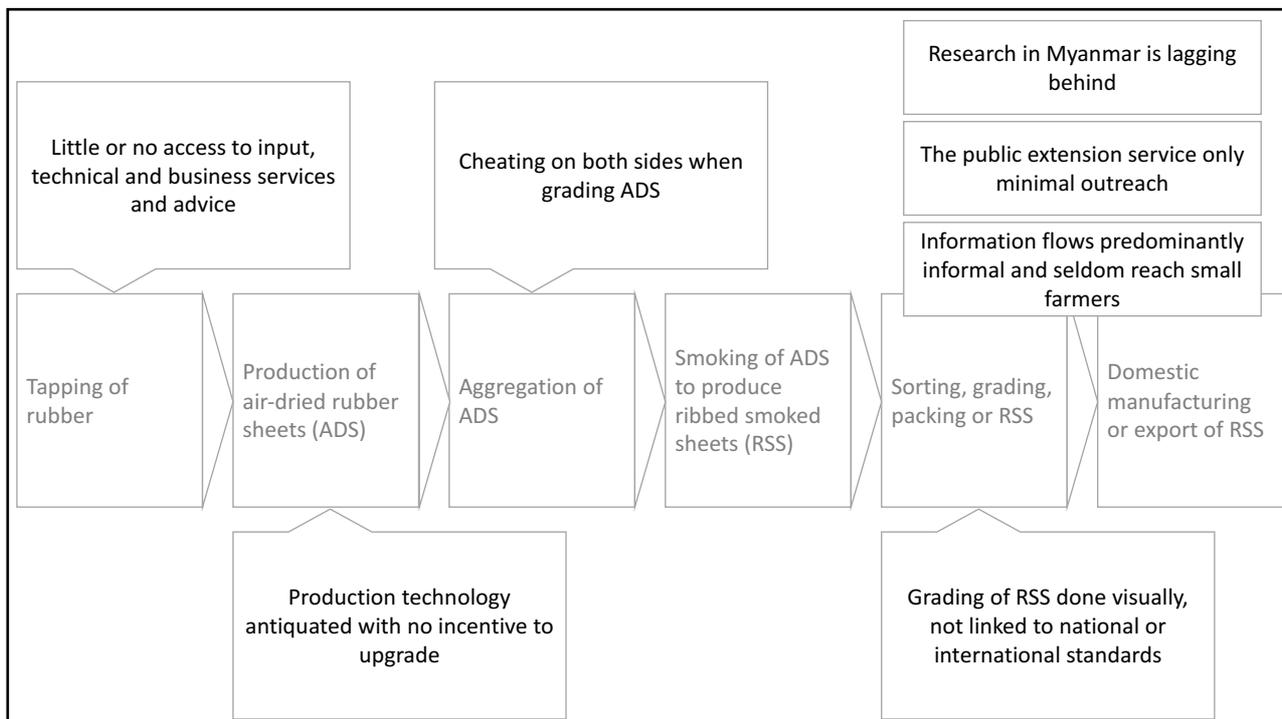
Complexity, economic evolution, and institutions

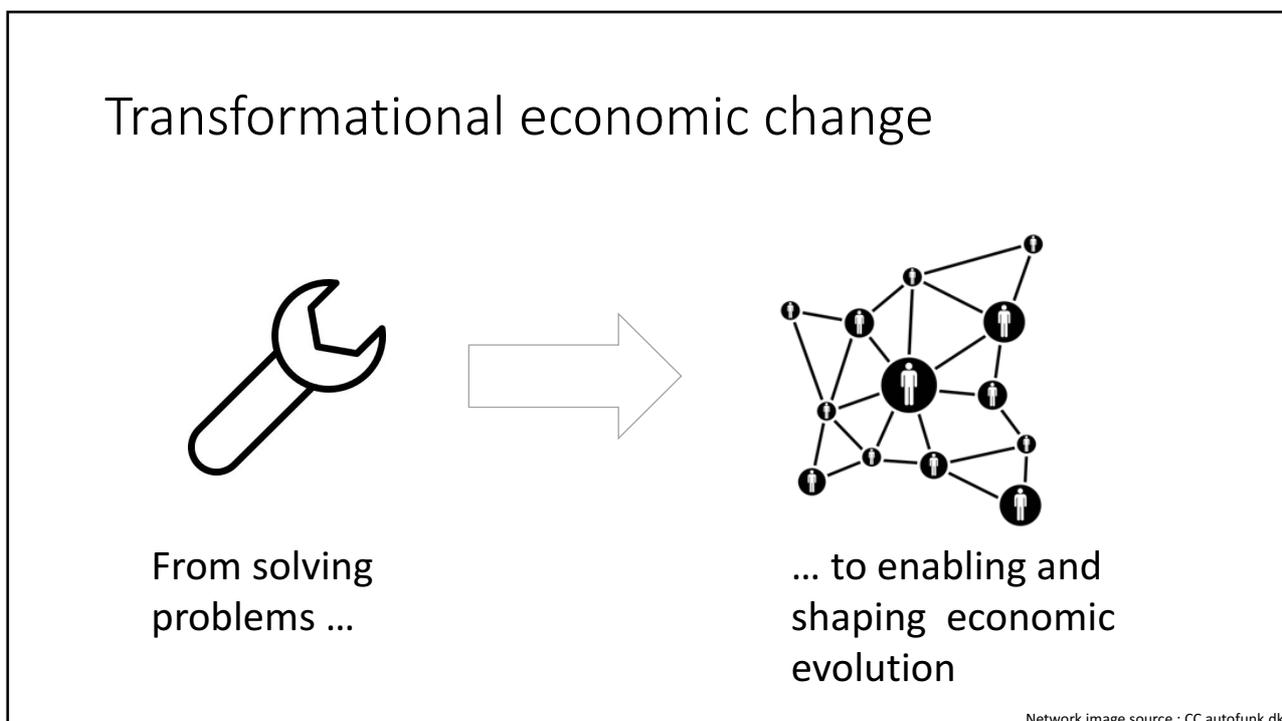
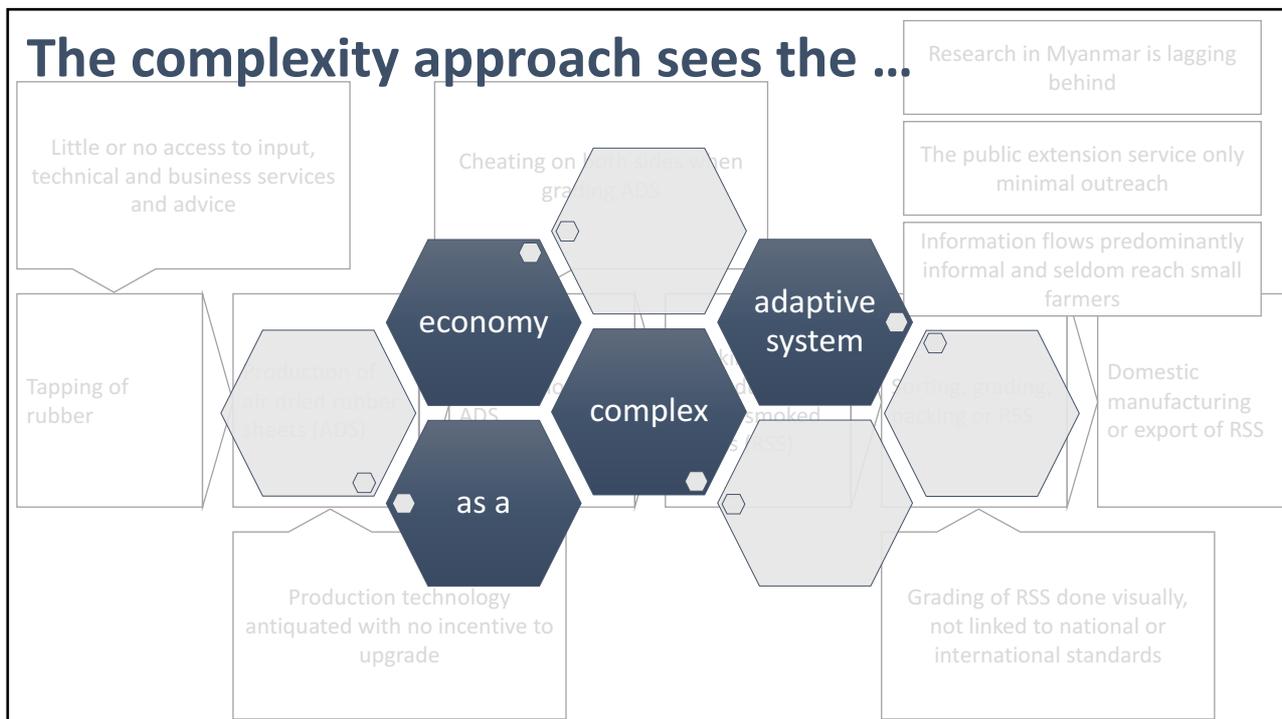
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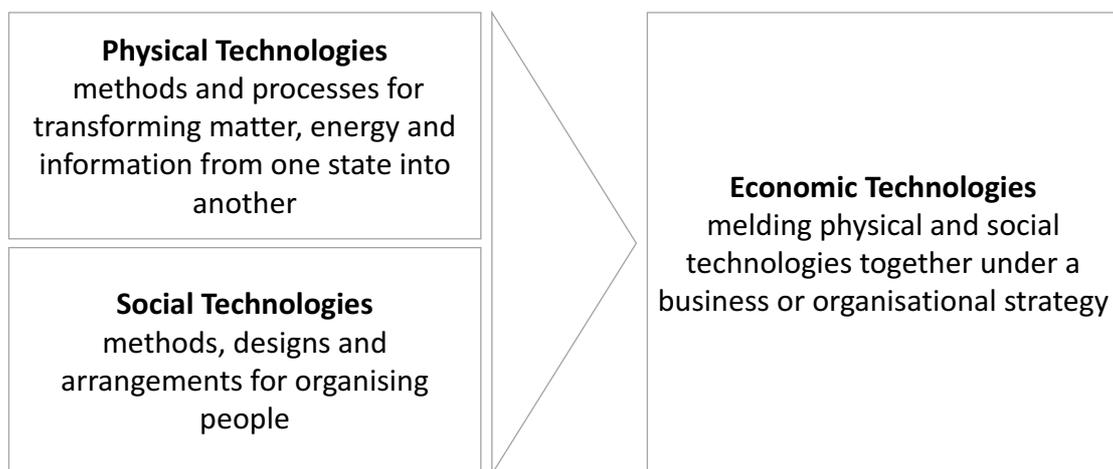
The RSA House, London, 15 September 2017





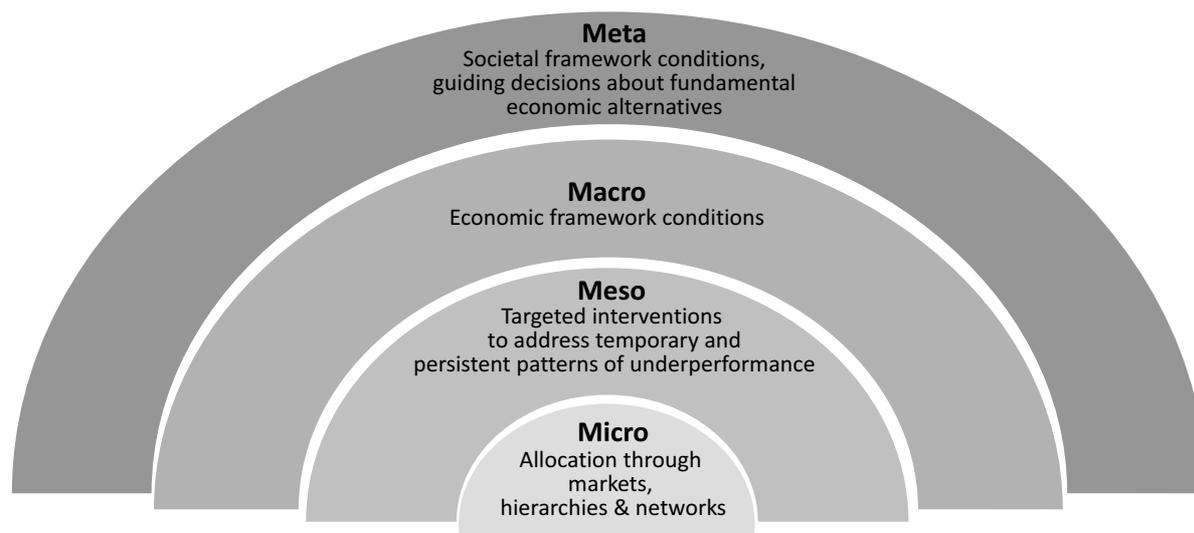


Multiple spheres of evolution



Beinhocker, Eric D. *The Origin of Wealth: Evolution, Complexity, and the Radical Remaking of Economics*. Boston, MA: Harvard Business School Press, 2006.

Multiple levels of evolution



Esser, Klaus, Wolfgang Hillebrand, Dirk Messner, and Jörg Meyer-Stamer. *Systemic Competitiveness: New Governance Patterns for Industrial Development*. London: Frank Cass, 1996.

Rubber sector: intervention examples

Physical technologies

Example: Use design thinking and participatory research to develop new smoke house technologies and improve rubber



Rubber sector: intervention examples

Social technologies

Example: Develop capabilities of actors to come together and identify problems and potential solutions in the sector



Rubber sector: intervention examples

Social technologies/meta level

Example: Strengthen the participation of women and other marginalised groups like migrants in the development dialogue



Rubber sector: intervention examples

Meso level

Example: Connect research and teaching with rubber sector demand by immersing students into small rubber farming



Rubber sector: intervention examples

Meso level

Example: Invest in generation of new knowledge and strengthening of the research capabilities



Rubber sector: intervention examples

Meso level

Example: Strengthen the capability of extension research and training providers to respond to changing needs of farmers



Achieving transformational economic change



- Actors need to **become aware** of how change happens, and their role in it
- Strengthen actors' capability to engage in, collectively discover and continuously **shape economic evolution**
- **Trust** building through formal and informal means essential
- The process needs to be **transparent and participatory**

Resources

- Rethinking Systemic Change – economic evolution and institutions. By Marcus Jenal and Shawn Cunningham. <https://beamexchange.org/resources/861/>
- The Origin of Wealth. By Eric Beinhocker. <http://amzn.eu/j8zlam9>
- Complexity Economics: A Different Framework for Economic Thought. By Brian Arthur. <http://samoa.santafe.edu/media/workingpapers/13-04-012.pdf>
- Understanding the Process of Economic Change. By Douglas North. <http://amzn.eu/8w5flad>
- Systemic Competitiveness: New Governance Patterns for Industrial Development. By Klaus Esser et al. <http://amzn.eu/3E3SFb3>
- Shaping Inclusive Markets – How Funders and Intermediaries can Help Markets Move toward Greater Economic Inclusion. By Harvey Koh, et al. <http://www.fsg.org/publications/shaping-inclusive-markets>