



Sustainability Transition: Drivers and Challenges in Seoul

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Sustainability Transition



Technological Innovation System

Strategic Niche Management

Transition Management

Multi-Level Perspective



Technological Innovation System(TIS)

- + Highlights innovative technological change**
- + Acknowledged broader set of system failures**
- Supply-driven perspective**
- Downplays the social processes**



Strategic Niche Management (SNM)

- + Emphasise the need for policy to address both the supply and demand sides**
- + A niche seeds systemic change through networking and social learning**
- No guaranteed niche survival**



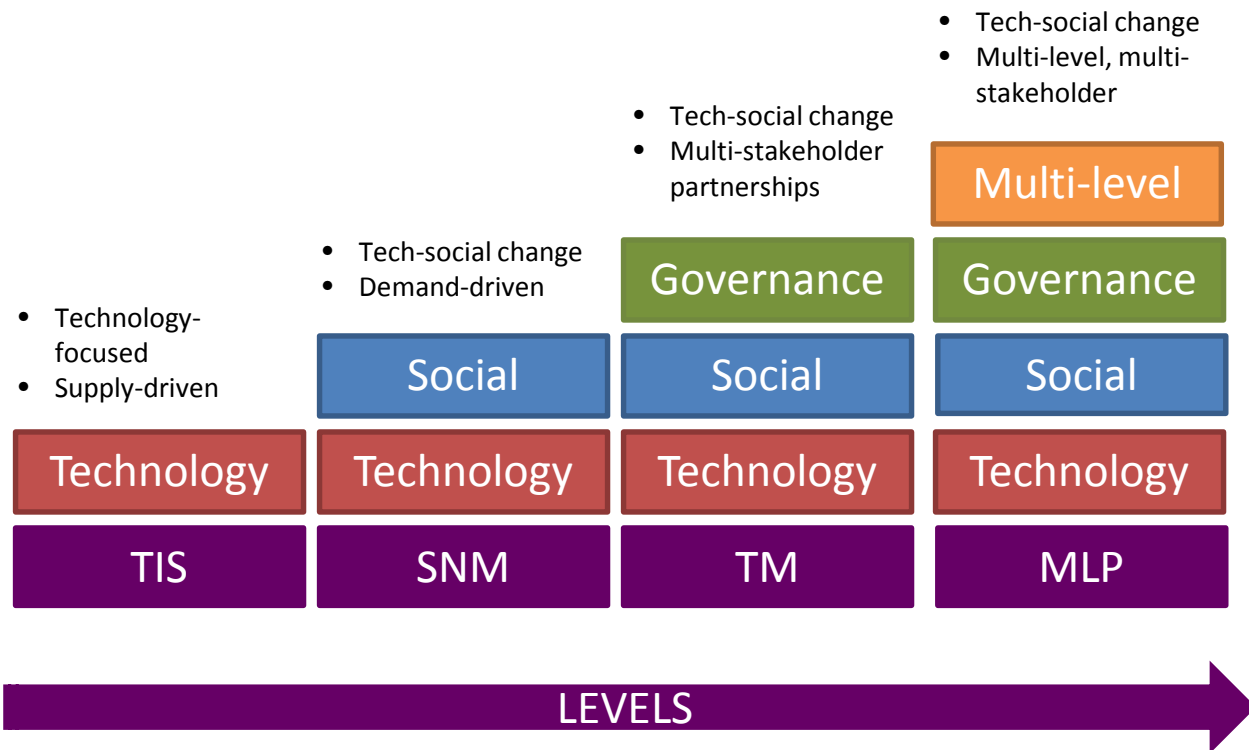
Transition Management (TM)

- + Broadening SNM scope
- + Including the role of governance

Kemp et al* (2007: 327) proposed

“at the heart of TM lies a model of reflexive governance that aims to modulate ongoing developments to sustainability goals through changes in governance (participatory and value-focused) and adaptive policies for system change.”

* Kemp, R., Rotmans, J., & Loorbach, D. (2007) “Assessing the Dutch Energy Transition Policy: How Does it Deal with Dilemmas of Managing Transitions?” *Journal of Environmental Policy and Planning* 9(3-4):315-331.



Drivers

Governance

Social Learning

Networking

Seoul Case

Social Innovation in Seoul



(Source: Seoul City Homepage)

Sharing Ten Million Things, Then Million Happiness

Seoul City Homepage

How Seoul Became One of The World's Sharing Capitals

Forbes 2014. 5. 25

Who knew that Seoul was a leader in the sharing economy?

“I’ve seen a lot of hopeful post-growth initiatives in a lot of places – usually citizen-led and modest in scale; never have I seen such visionary, intelligent leadership at the municipal government level within so large a city.”

Post Carbon Institute 2013. 11. 12

Challenges

Required Asian Sustainability Transition

Making Transitions more Socially Inclusive

Adopt positive potential of Seoul Governance

Essential Innovative and Reflexive Citizens



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