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Urban greenery and mitigation of the urban heat island effect in Australian cities: policy mechanisms and implementation

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UCR URBAN CLIMATES
RESEARCH



LOW CARBON LIVING
CRC



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Research aim

Analyse the effects of policy
on urban greenery,
applying theories of sustainability
transitions.





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Research question

- ***Question 1:*** What policies can be applied to retain and maximise urban greenery?

International and Australian literature review;
case studies and interviews

Develop a framework of Australian
governments' policy and planning mechanisms



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Research question

- **Question 2:** How can theories of sustainability transitions inform and support policy development and implementation processes?

Case studies and interviews





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Theories of sustainability transitions

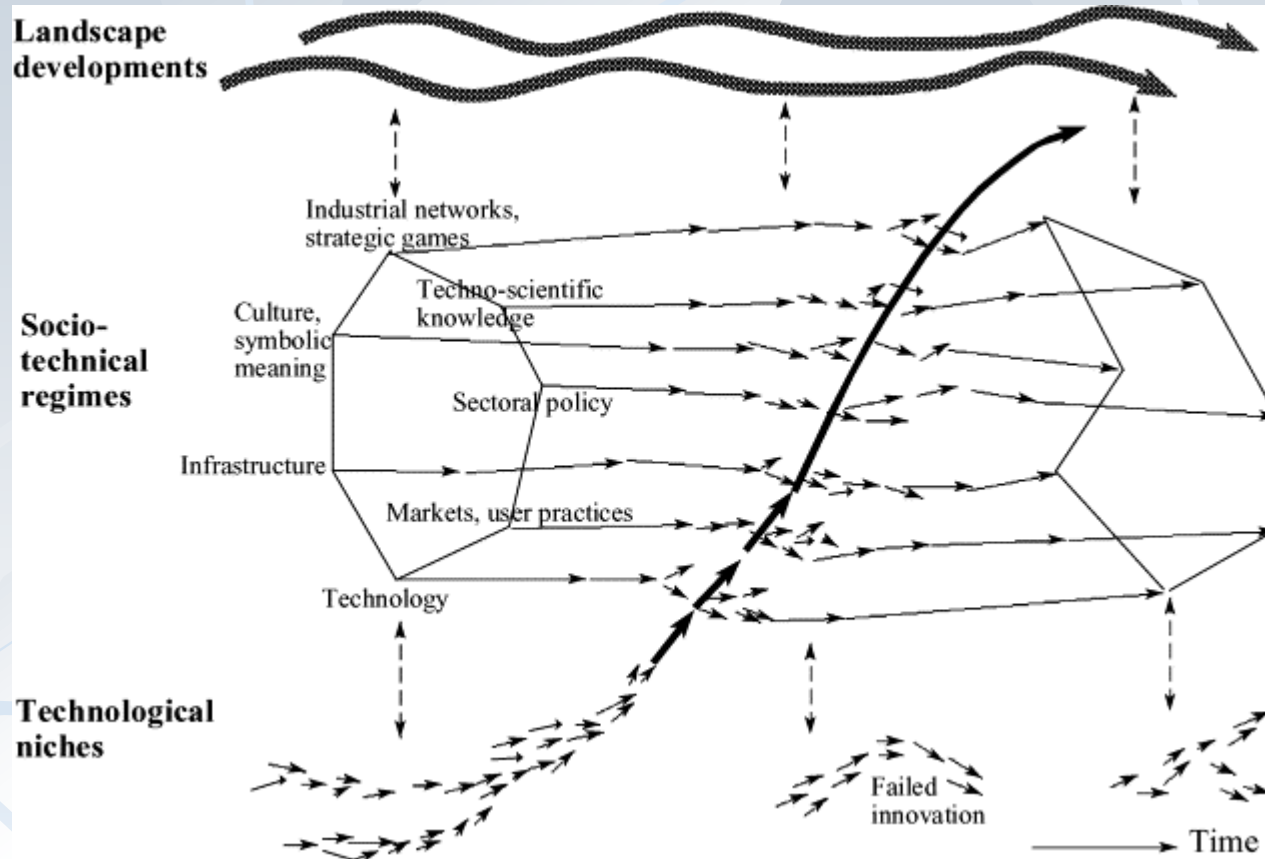


Figure: A dynamic multi-level perspective on TT.

Source: Geels, 2002, **Technological transitions as evolutionary reconfiguration processes: a multi-level perspective and a case-study**. *Research Policy*, Volume 31, 1257 - 1274



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Progress to date

- Completed subjects in research methods & analysis
- Submission (*in progress*) of journal article on indicators for urban greenery in research & policy
- Developing pilot research project on application of theories of sustainability transitions to organisational strategic & business planning
- Undertaking subject on Australian public policy

