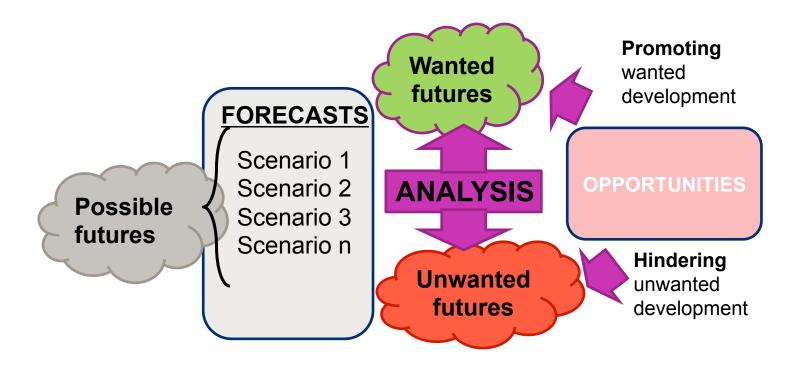


Saija Toivonen, Riikka Kyrö
What the Future Holds?
A Study on the Environmental Pressure
Affecting the Real Estate Market

30 June 2017 ERES 2017, Delft



"The best way to predict the future is to invent it" – Alan Kay

Outline





Background: previous study



Study design: futures wheels and interviews



Findings: (un)realized pathways



Key take-aways



Globalization

Optimizing operations

Differentation

Technology as an enabler

Urbanization

Impact on Society

The time innovati world. F

Ageing of the populaiton

Safety

Search of meaning

Environmental pressure

#aalto #finland100 #gamechange.

Toivonen 2011; Toivonen & Viitanen 2015

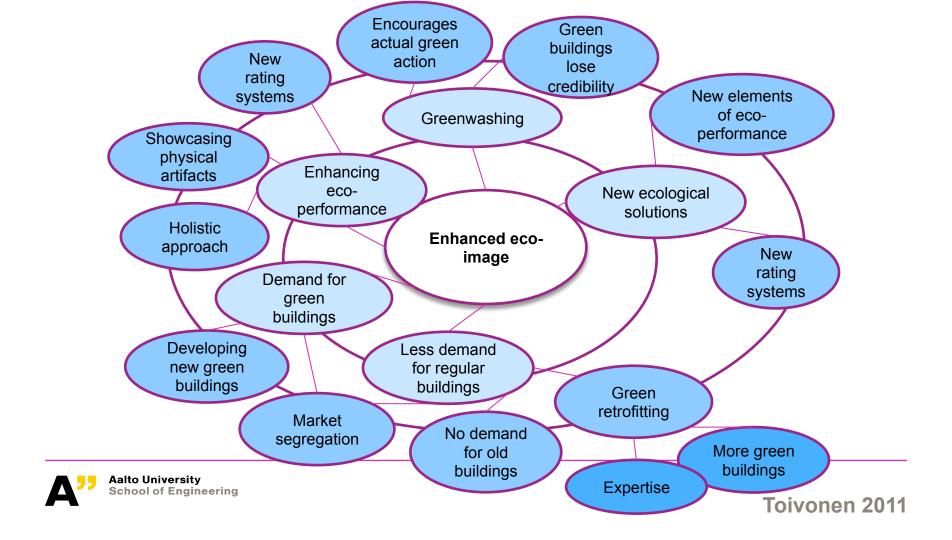
Revisiting 'environmental pressure' and the four ways it presents itself in the RE market

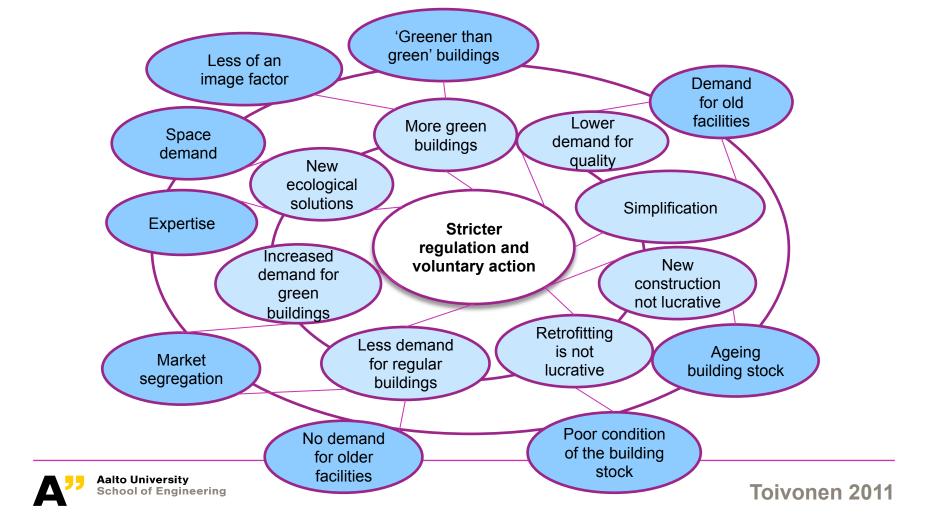
Enhanced 'ecoimage' Stricter regulation and voluntary action

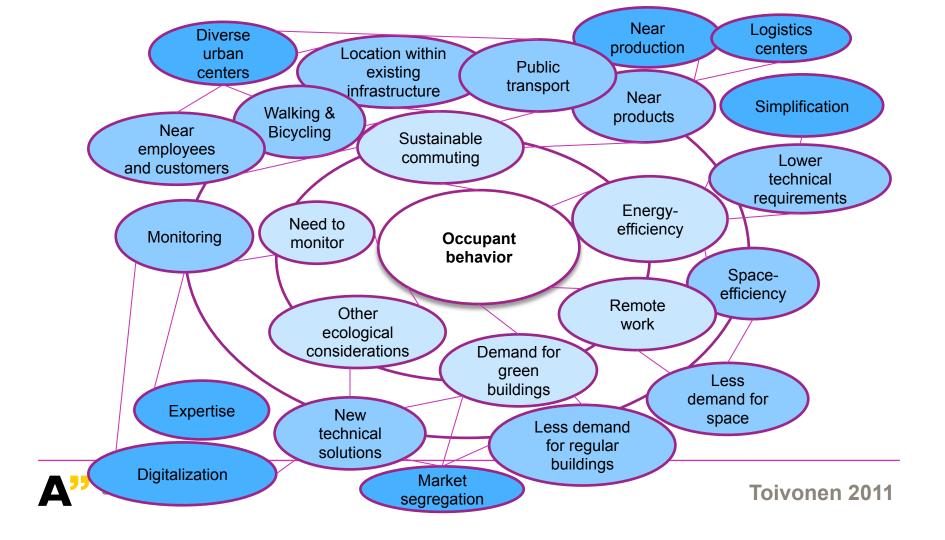
Occupant behavior

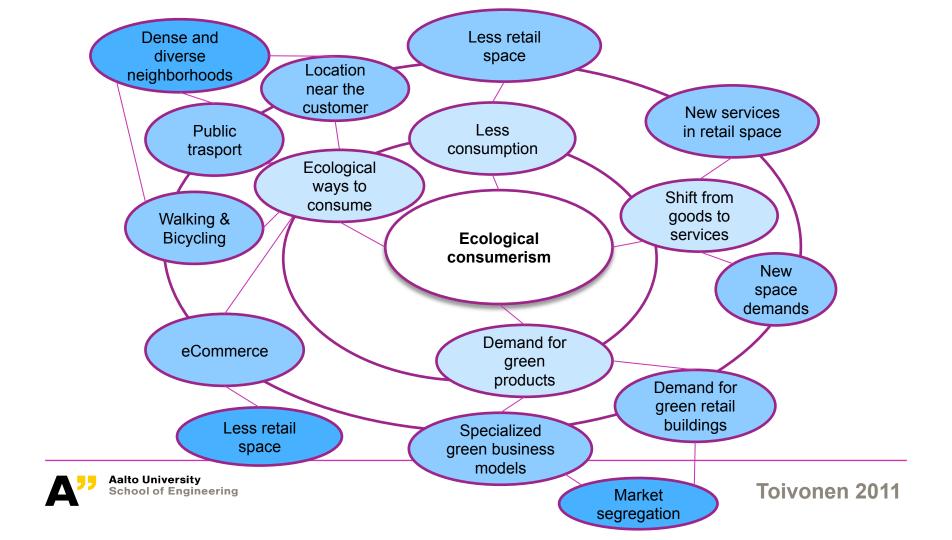
Ecoconsumerism











Showcasing physical artifacts

Green roofs and walls, solar panels, certificates

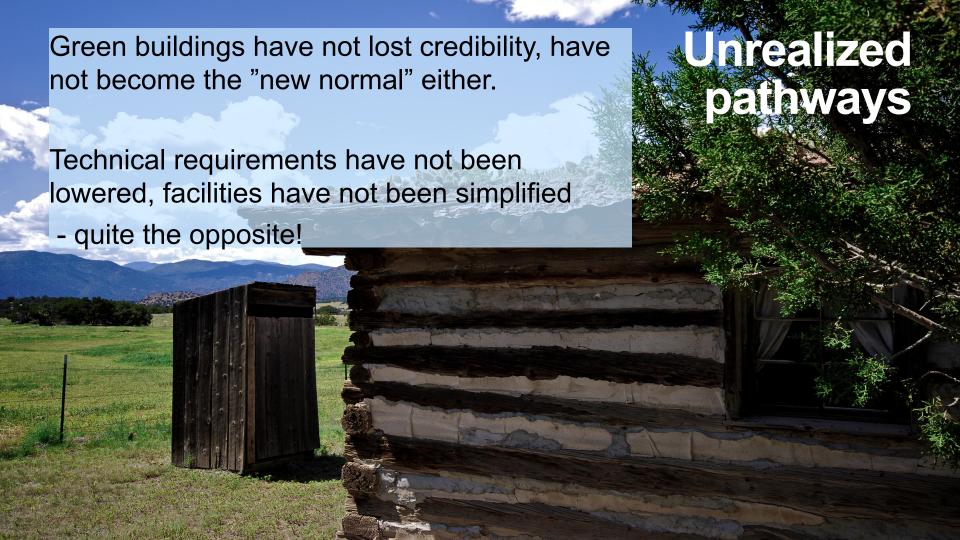
Green retrofitting

Energy retrofits

Going beyond energy-efficiency

 Water consumption will be a major environmental indicator in the future (even in Finland)

Realized pathways







Low risk, economically viable pathways realized

Ecological motives often secondary (but does it matter?)

Future studies methods can and should be used in real estate research

Thank you and stay in touch!



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