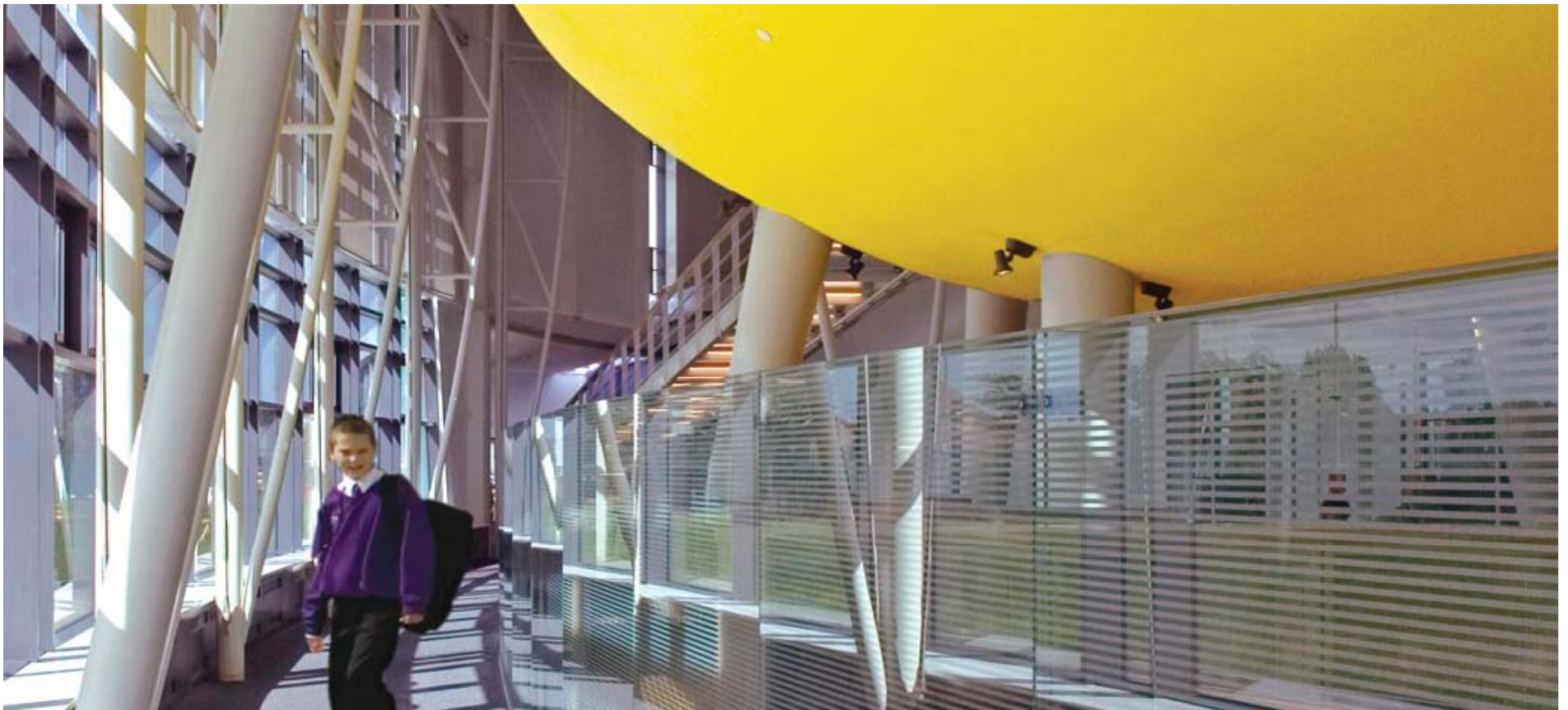


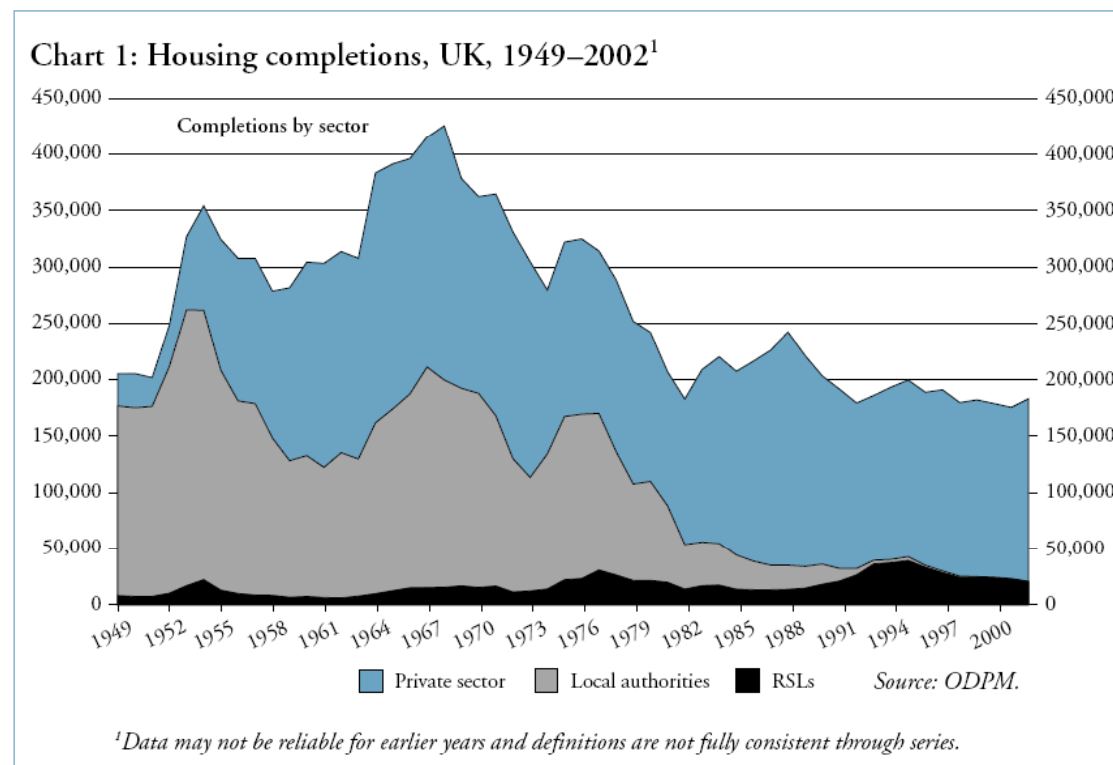
New towns to eco-towns – setting the criteria

HBF Policy Conference

Robert Shaw, 30th January 2008



Do we need new settlements at all?

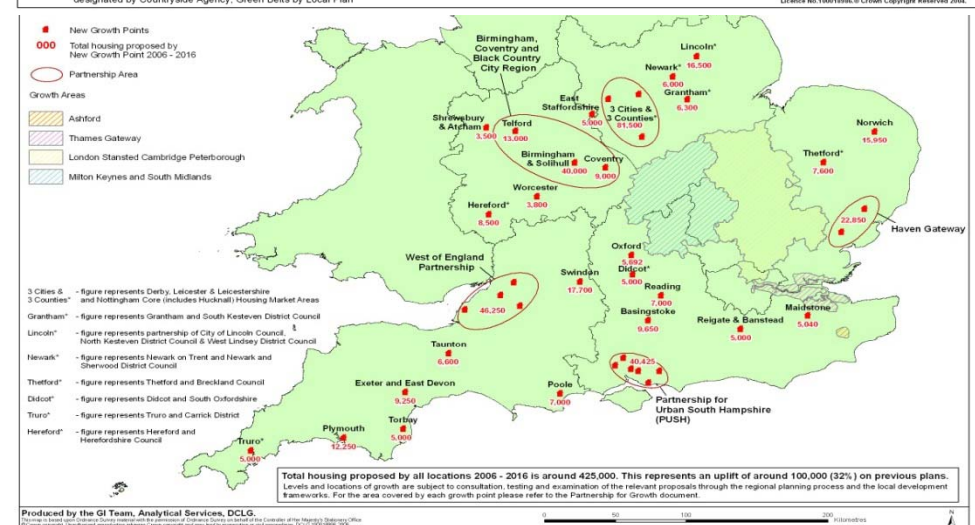
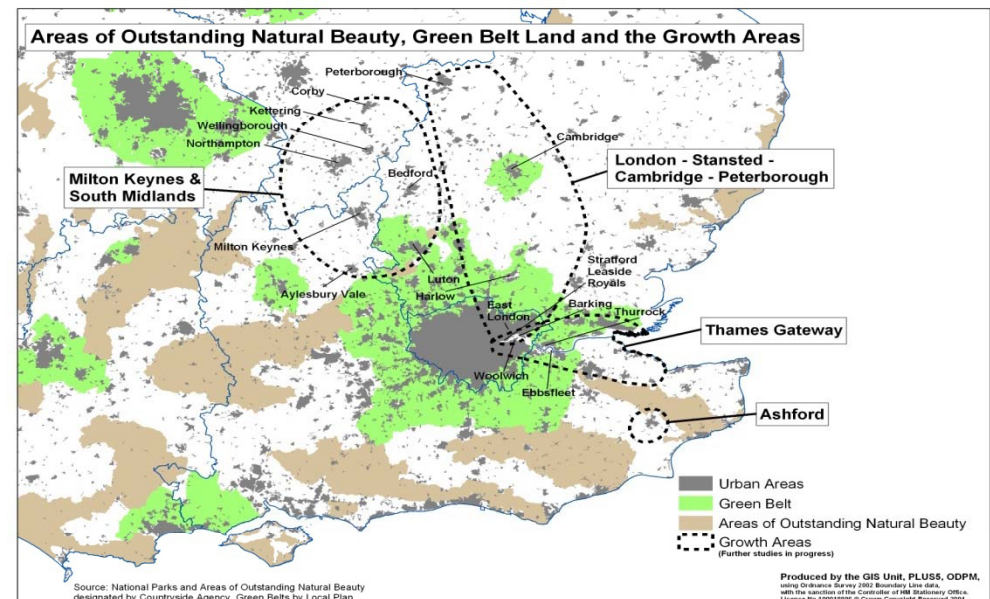


setting the scene – government initiatives

240,000 new homes per year

Number of initiatives:

- 4 Growth Areas
 - Thames gateway
 - LSCP
 - MK&SM
 - Ashford
- Renewal areas in north
- 29 Growth Points (urban extensions)
- Around 10 Eco-Towns (new towns)



do we need new towns at all?

new towns only one part of
housing delivery

200,000 homes max by 2020!

need a portfolio of options:

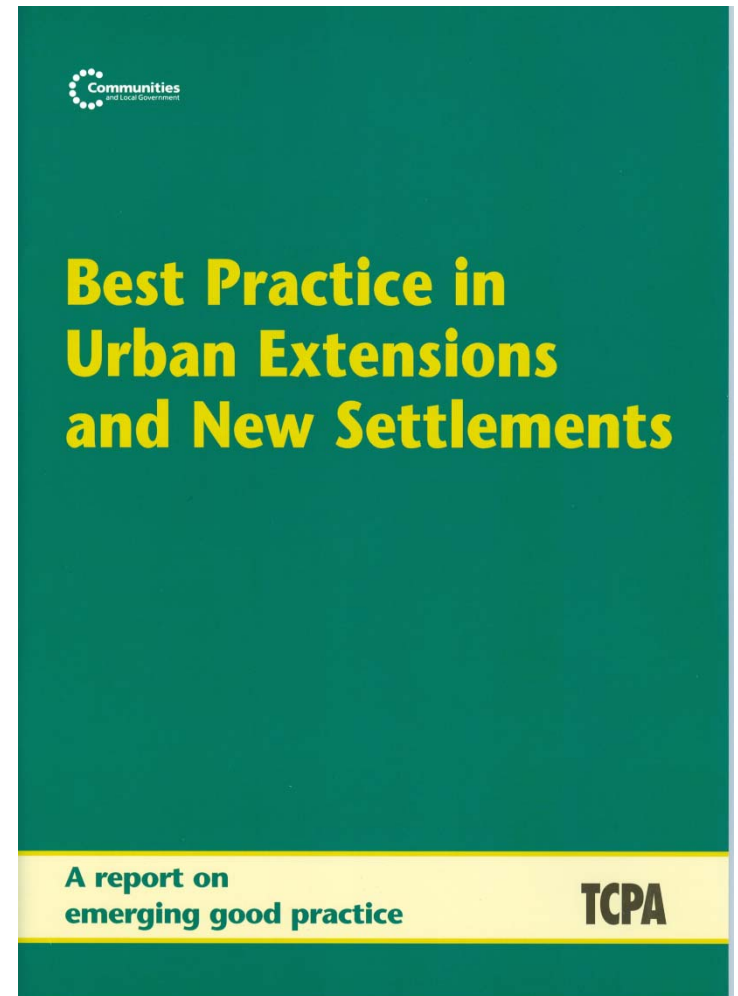
- new towns
- urban extensions
- appropriate infill



creating eco-towns – lessons from history

7 key lessons:

- plan it sub-regionally
- long lead in time
- linked new settlement
- land assembly
- specialised team
- cross party support
- upfront investment



the eco-towns criteria

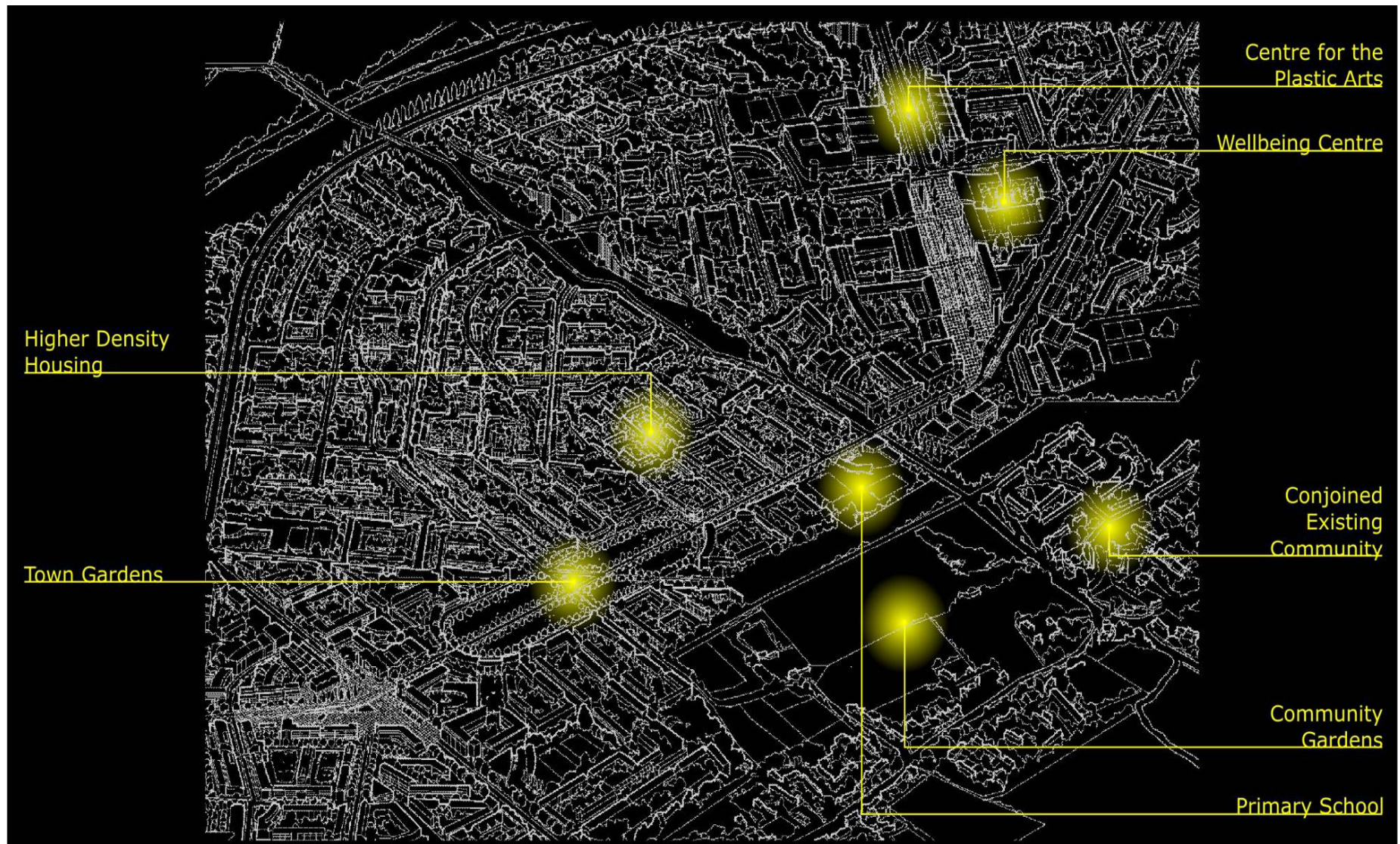
CLG *Eco-Towns
Prospectus*, July 2007

TCPA *Scoping Report*,
July 2007

genuinely sustainable
communities =
environmental, social
and economic



the eco-towns criteria – social



the eco-towns criteria - economic



the eco-towns criteria – environmental

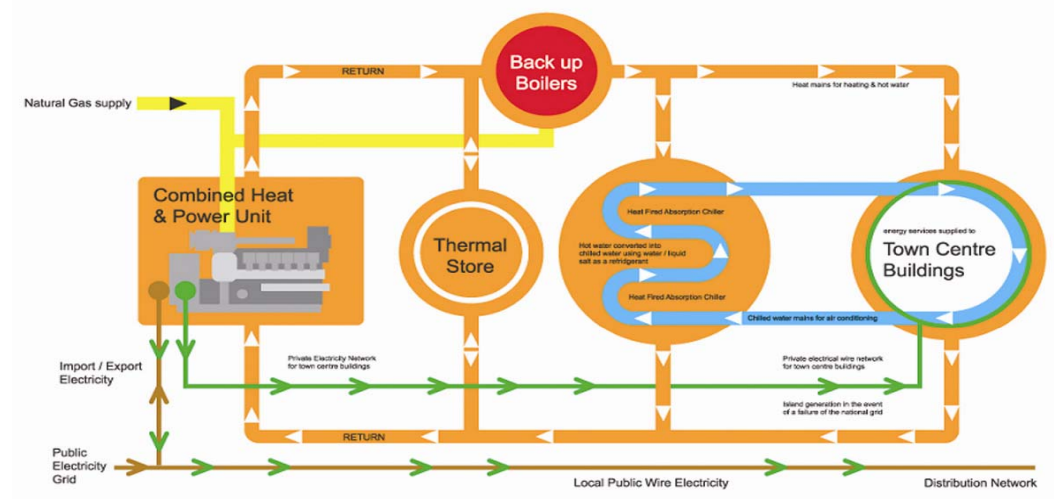


environmental criteria – energy and CO2



3 pronged approach:

- building
- site-wide
- eco-town-wide



environmental criteria – urban form



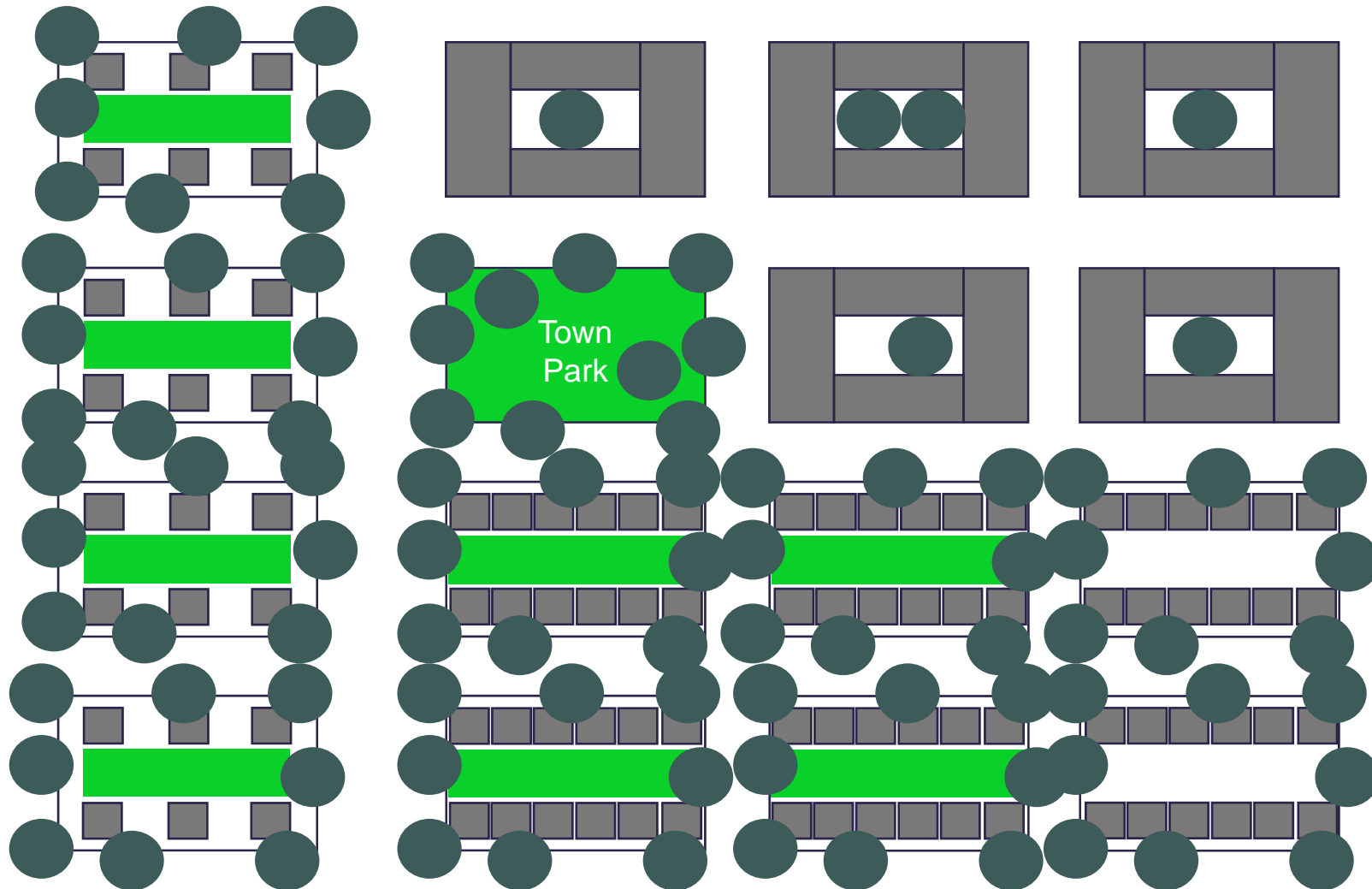
Important influence:

- mixed use can ensure sustainable communities
- density has a role, but be careful!
- urban heat islands



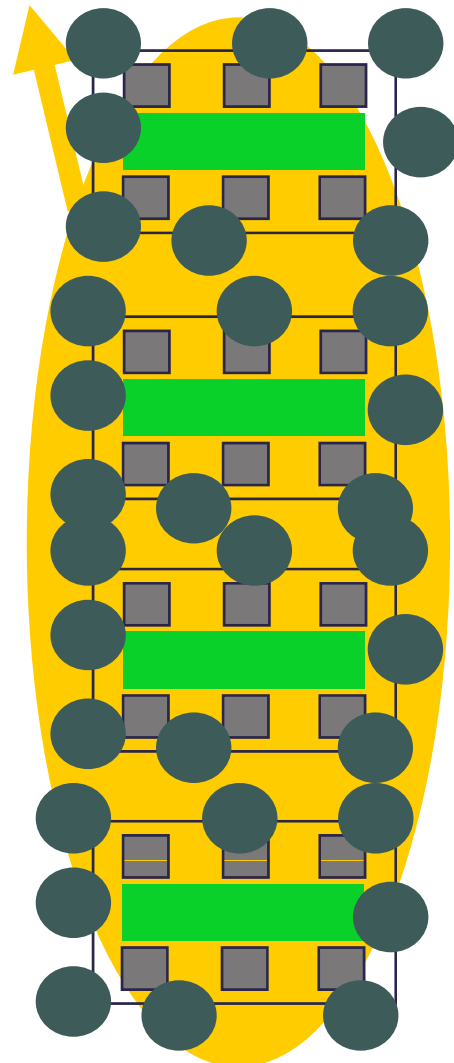
Manchester 1961 – 1990: max. 31°C

Manchester 2080 Likely to be over 35°C



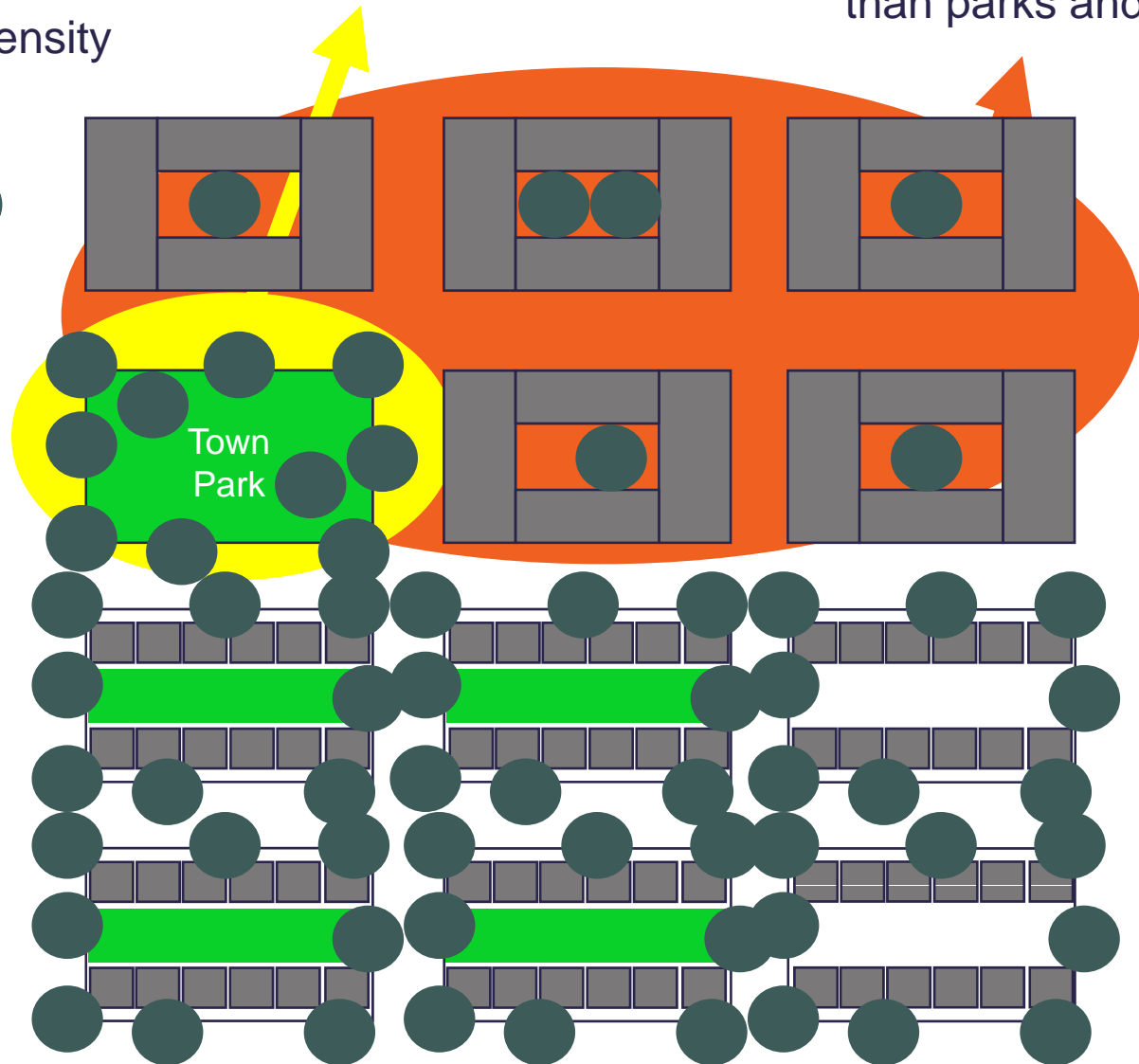
Local variation – today

6.2°C cooler than high density



18.4°C average

+12.8°C warmer than parks and rural

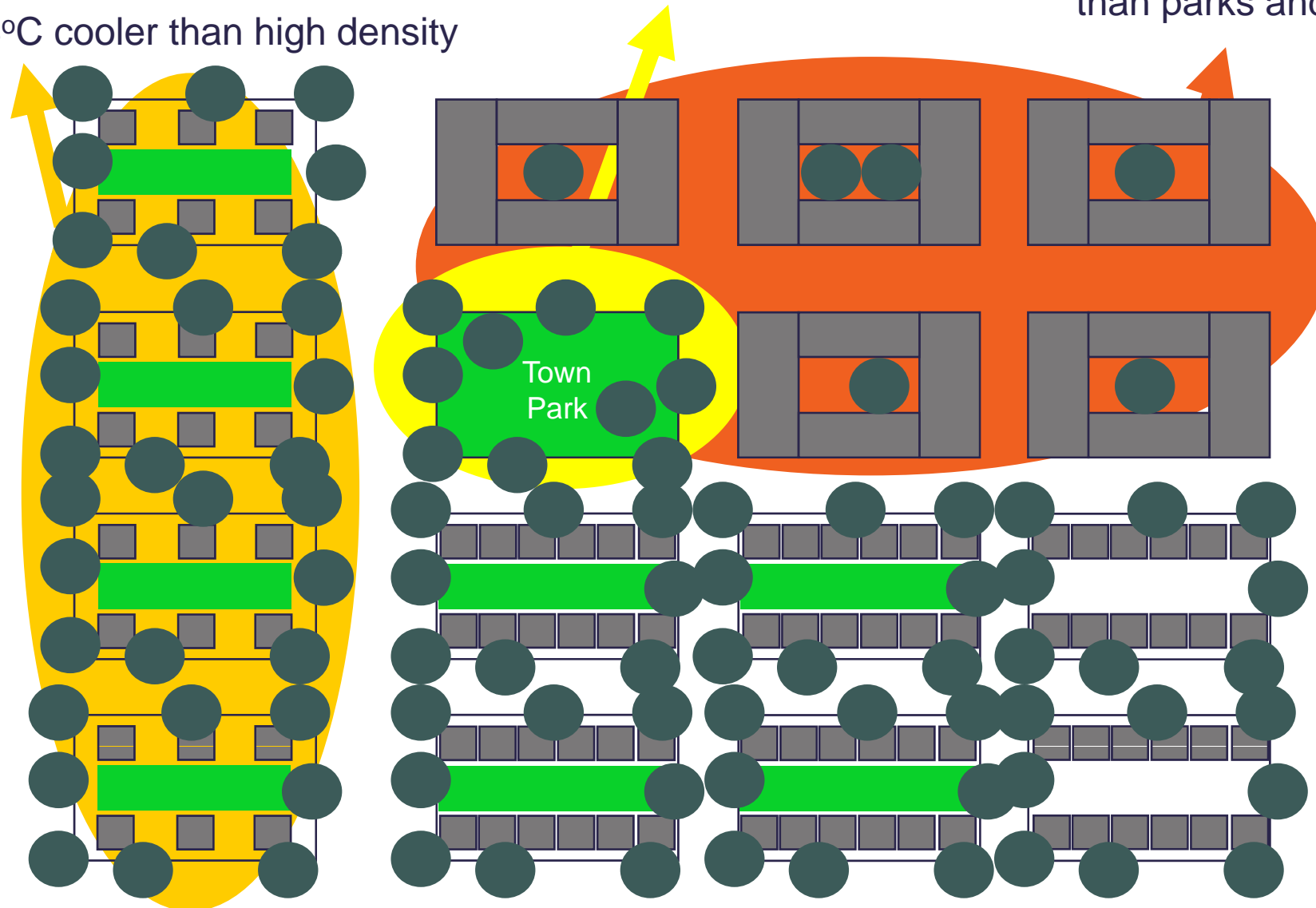


Local variation – 2080s

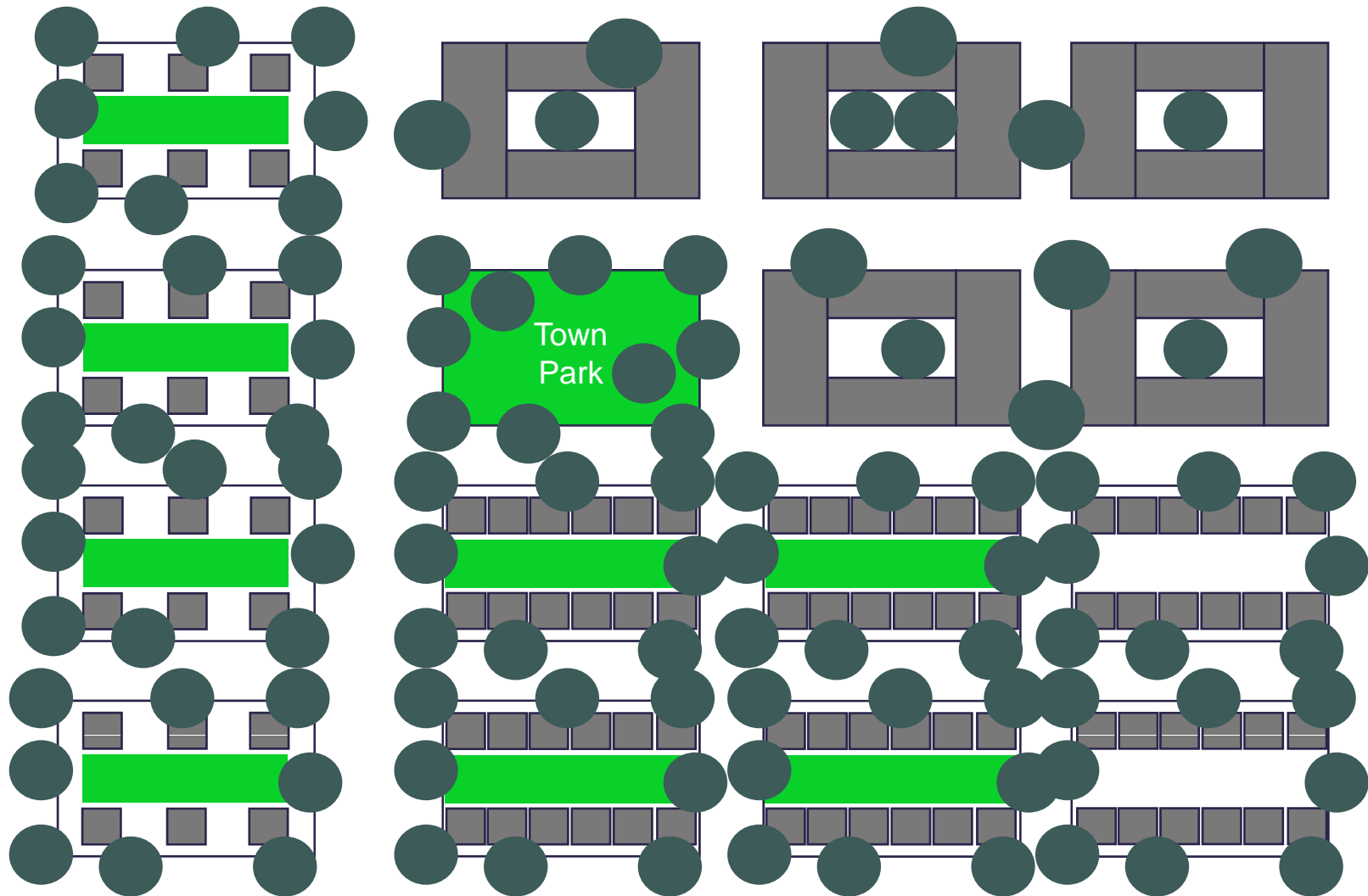
6.8°C cooler than high density

21.6°C average

+13.9°C warmer than parks and rural

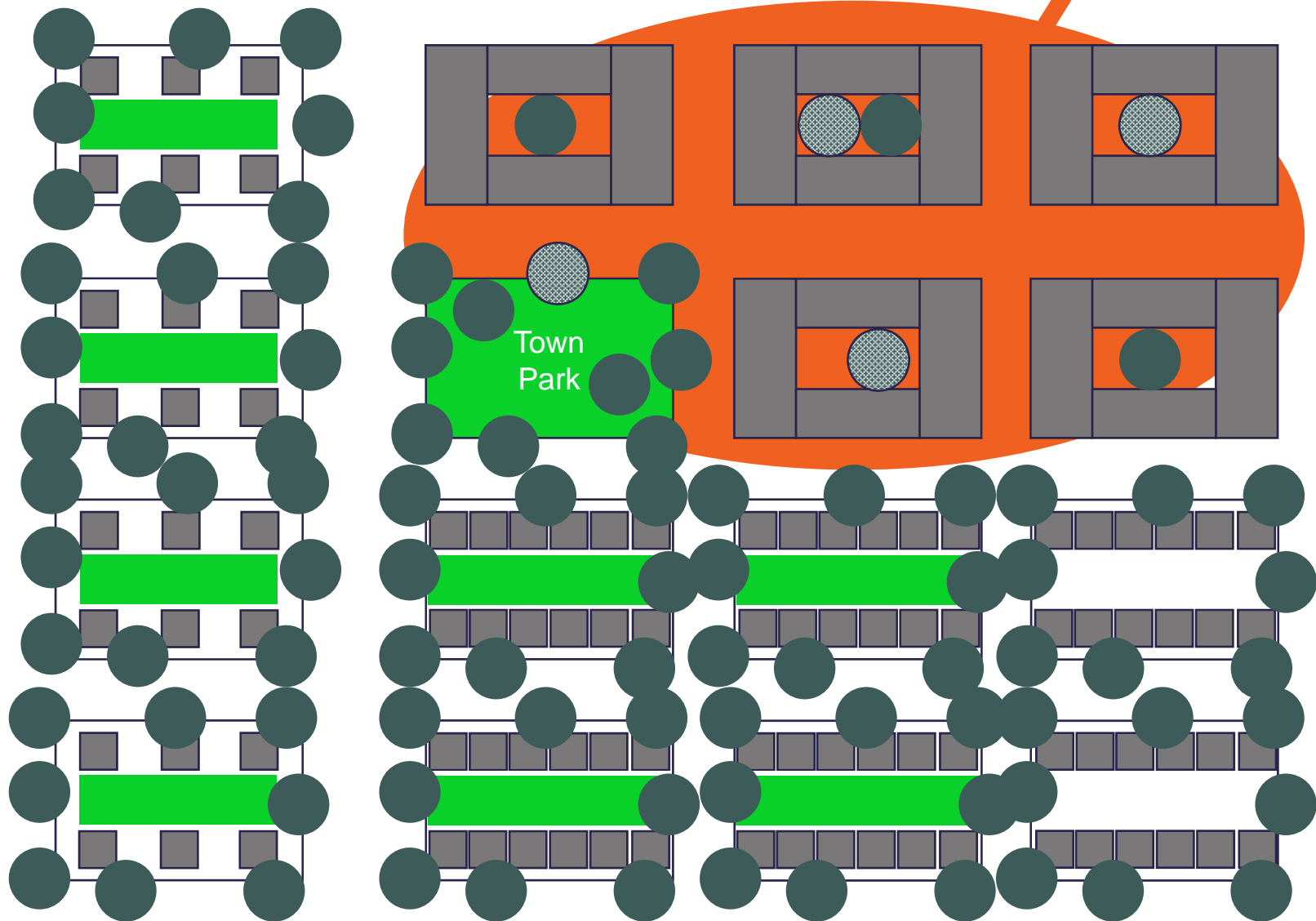


2080 - 10% increase in tree cover

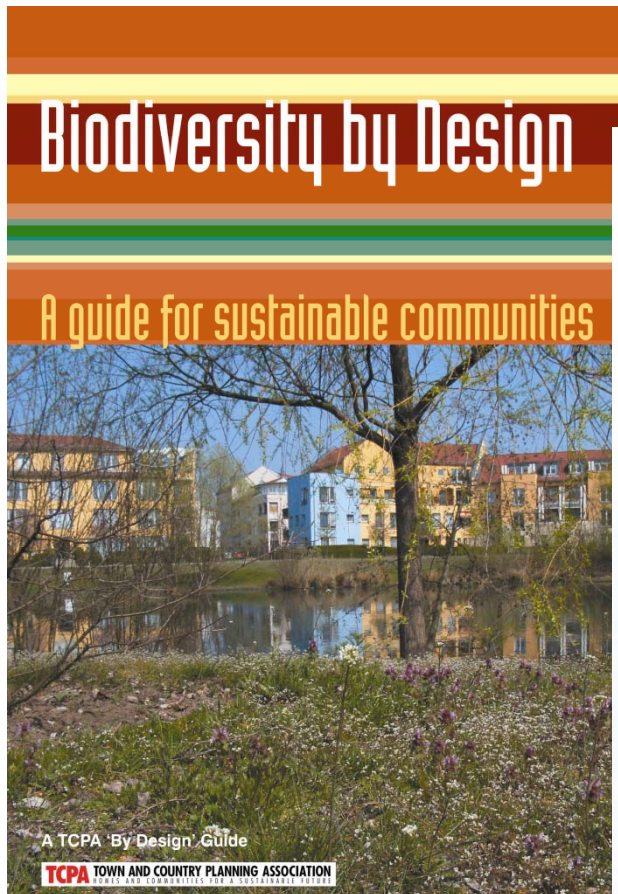


2080 - 10% decrease in tree cover

+ 8.2°C



‘By Design’ guides



sustainable energy by design

a TCPA 'by design' guide for sustainable communities

climate change adaptation by design

a guide for sustainable communities

www.tcpa.org.uk

finally...



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