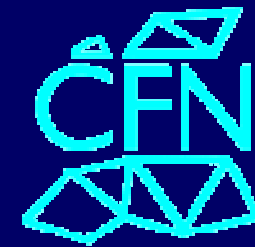


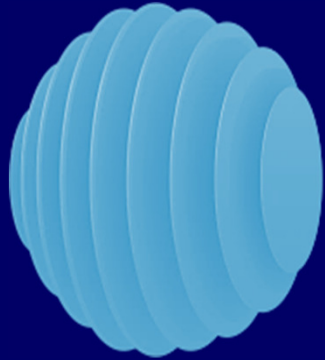
Aiming for spatial efficiency
&
The importance of well managed planning processes



Vincent Goodstadt

University of Manchester & Common Futures Network

6th October 2017



THE FUTURE IS MORE

500 YEARS UTOPIA — LEUVEN



Thomas More : Ambassador to Flanders 1516

1516

Utopian Principles for Town & Country?



Planning Principles

- A compact central City
- Towns of 6000 households
- Integration of Town & Country
- Free Health Service
- Controlled Migration
- etc

Central to this common agenda is
the more efficient use of Urban Land



1. What does inefficiency look like?
2. The challenge for planning?
3. The obstacles to Efficiency
4. Wider implications for planning

1. What does inefficiency look like?



Waste

The face of inefficiency

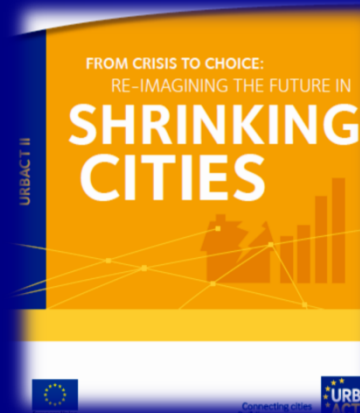
Inefficient Cities & Towns waste:

- Natural capital – the Land
- Human Capital – Labour
- Financial Capital – the infrastructure

Spatial Inefficiency? Wasted Land (often without People)?



Crop Yield 2030



Shrinking Towns



Urban Dereliction

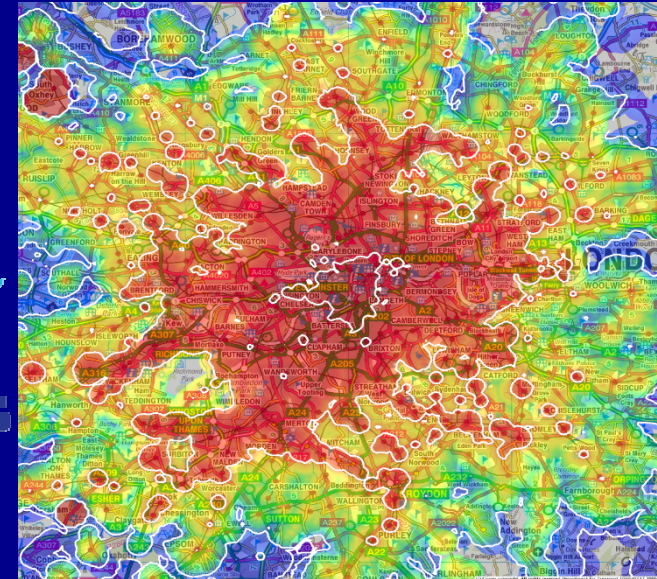


Rural dereliction

Spatial Inefficiency? Wasted Time & Labour



Unemployment

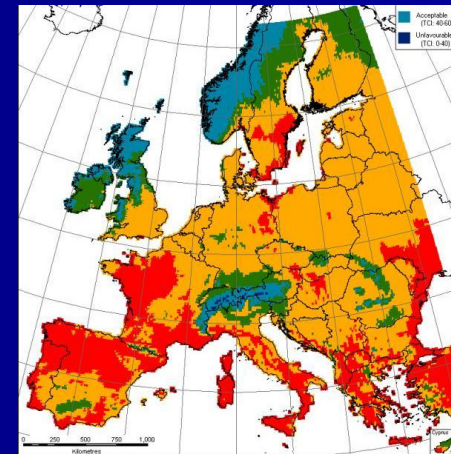


Commuting distances

Spatial Inefficiency? Inadequately Resources Overloaded Infrastructure?



Transport



Water

The Future Challenges



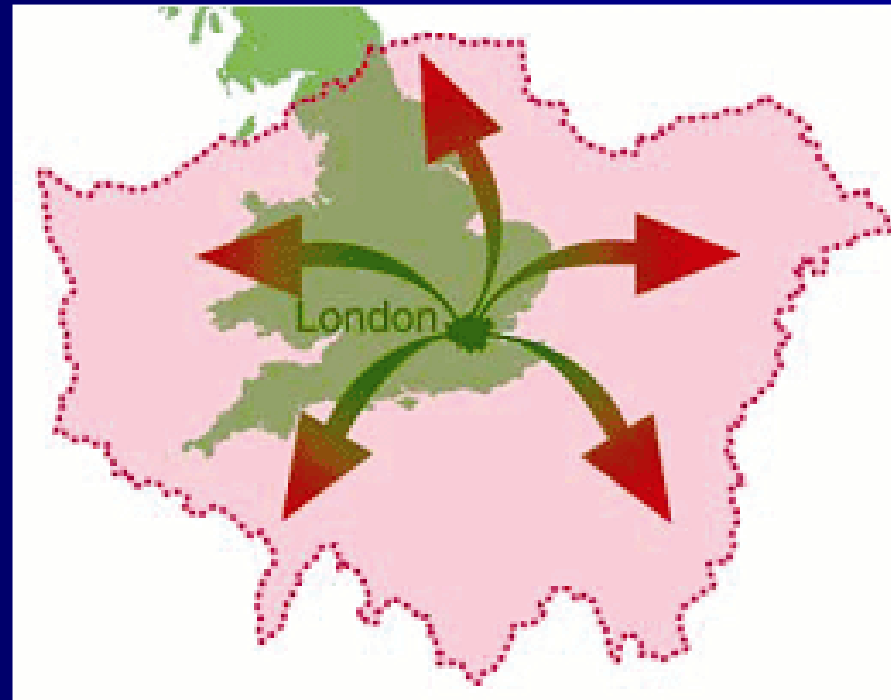
Climate change threat to

- Food Supplies
- Ecosystems Services
- Quality of Life



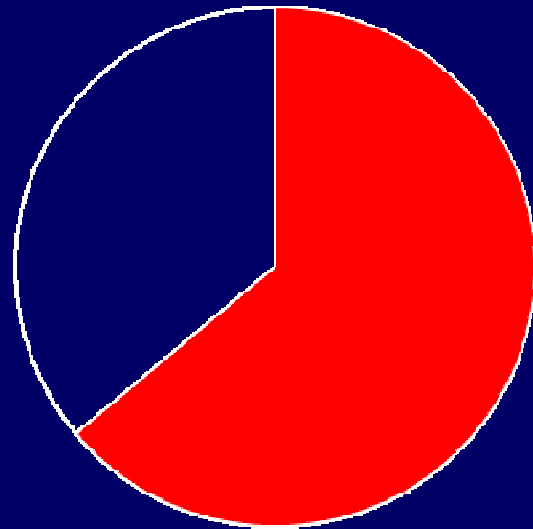
2017 – Europe Pollution affecting India

2. The challenge for planning?



London's Eco-footprint

Cities consume



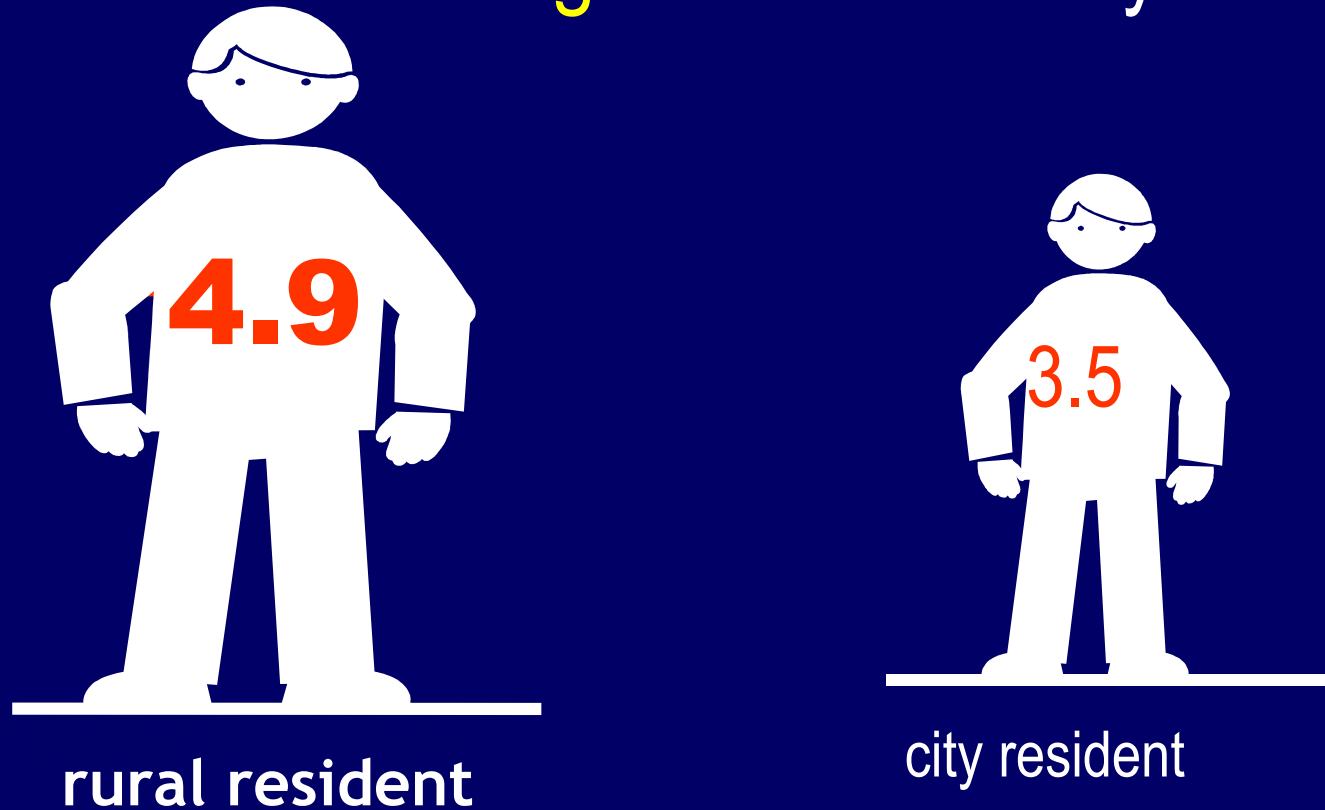
69%

of Europe's primary energy

Source: IEA, 2008

.... but they are part of the solution!

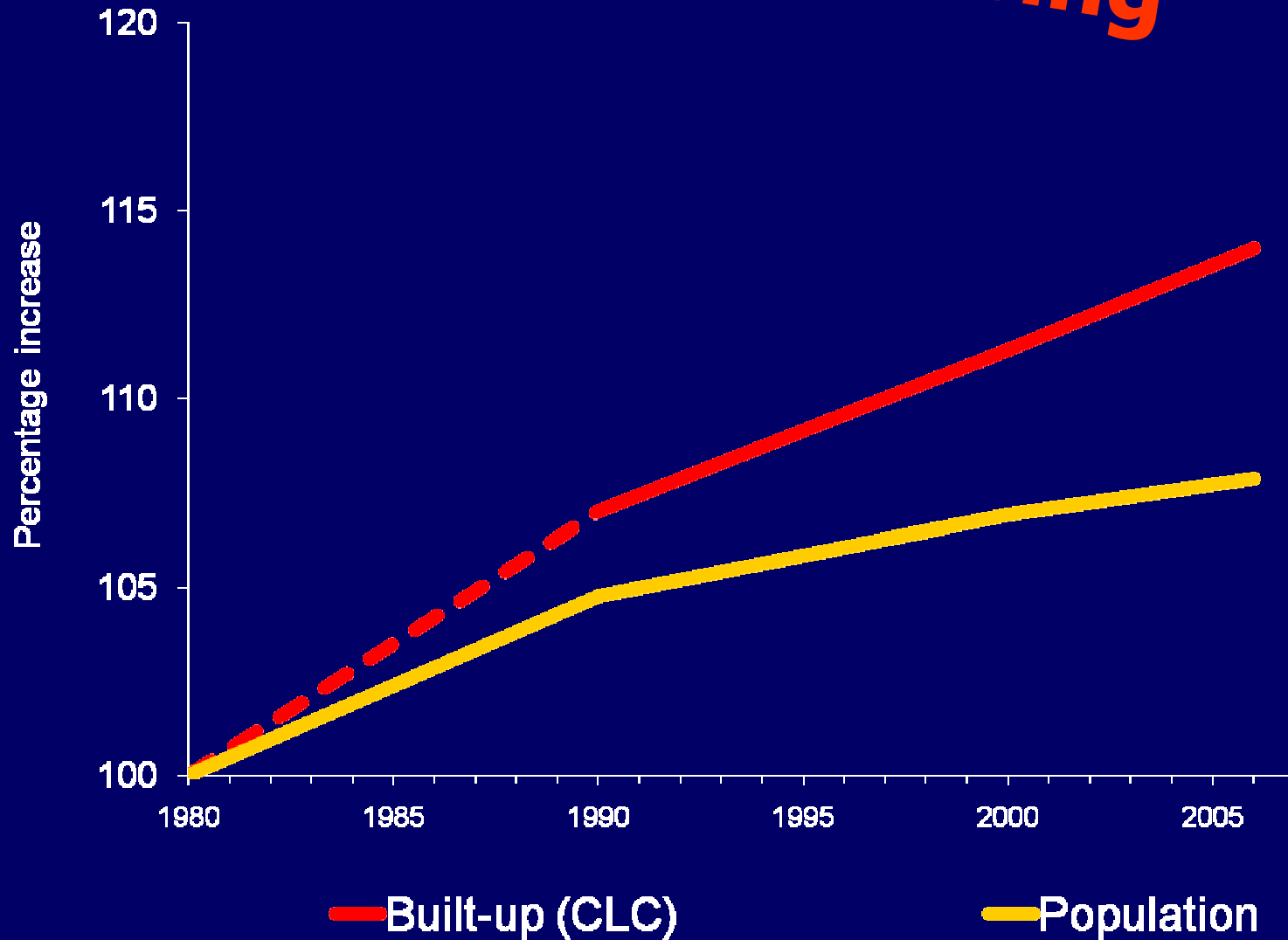
Cities have greater Efficiency



Tonnes of oil equivalent / year in Europe

Source: IEA, 2008

... but we are *loosing* density



Source: EEA, 2009, Corine Land
Covaer

It is not just a matter of Density Quality Matters!

The danger of hyper-density & town cramming



100th . Kolkata



50th . Los Angeles

Sustainability Index
(Arcadia) 2016



1st . Zurich

... but if you get it right the impact is transforming!

The Scottish Experience



Planning Action

- Brownfield first policy 1976
- Greenfield zonings withdrawn
- Peripheral road schemes cancelled
- Out-of-town Retailing opposed
- Underground reopened
- Comprehensive Greenbelt
- No Transition

Impact

- 66%+ Housing brownfield
- 50% reduction in rate of urban sprawl
- £10bn additional private sector investment

3. The Obstacles to Spatial Efficiency



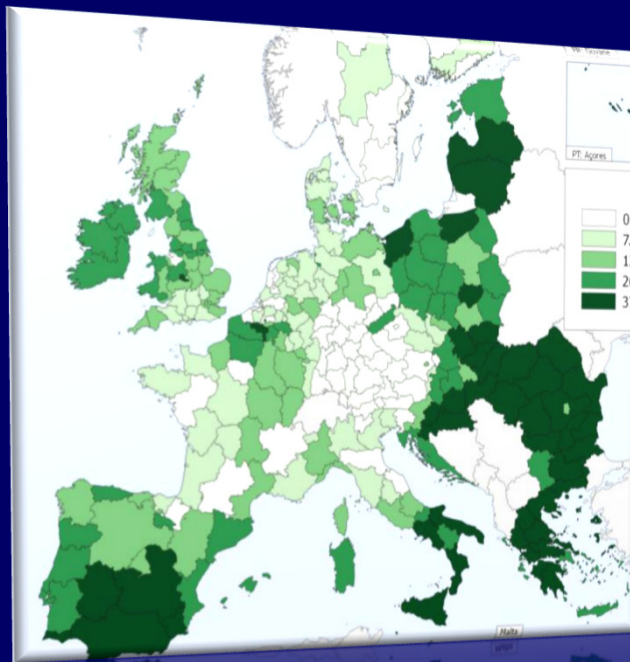
The Obstacles to Spatial Efficiency

If we are to deliver spatial efficiency we must :

- Not rely on the Market to deliver it
- Tackle the locked-in inefficiencies in urban structures
- Seek new governance arrangements

An unregulated Market-place

The Market is very imperfect because



- It speculates in land values
- Short term in its decisions
- Competition drives failure
- It is spatially blind to its impacts

... and results in inefficiency
(inequality and imbalance)

Locked-in Inefficiencies



80% of the future is already here!

- Energy waste
- Air quality problems
- Poor health & skill levels
- Eroded ecosystems

Example: Buildings are not cheap to run

Shakespeare Tower, Barbican

- Service charge £8,000 a year
- 11% of this (£880 per year per flat) is on window-cleaning alone

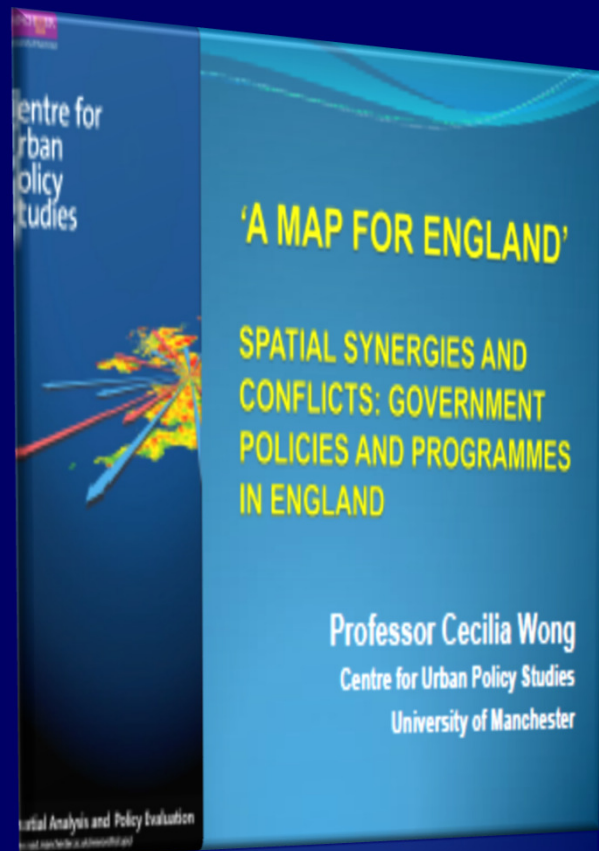


Source Nicholas Boys-Smith Create Streets

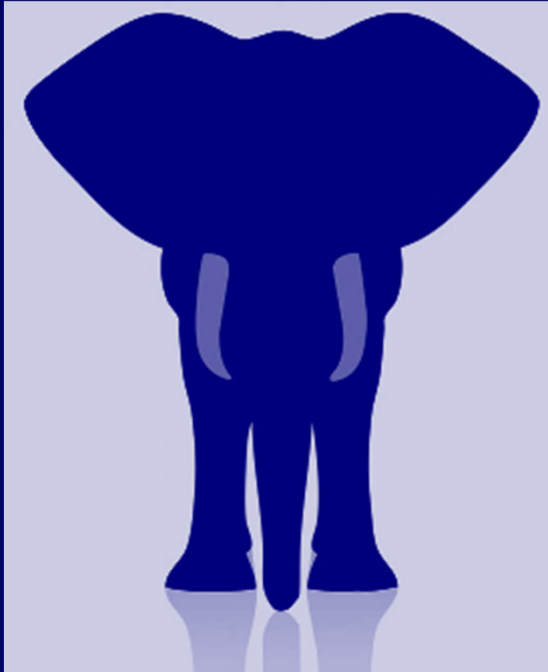
Dysfunctional Government

Fragmented Governance

- Area used for planning
- The Silos of Government
- The technical assumptions
- The Policies



4. The Wider Planning Implications



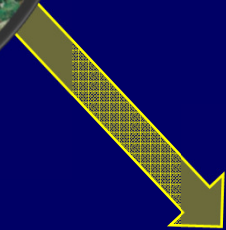
We needed New Friends!



Planning must regain its focus on our people!



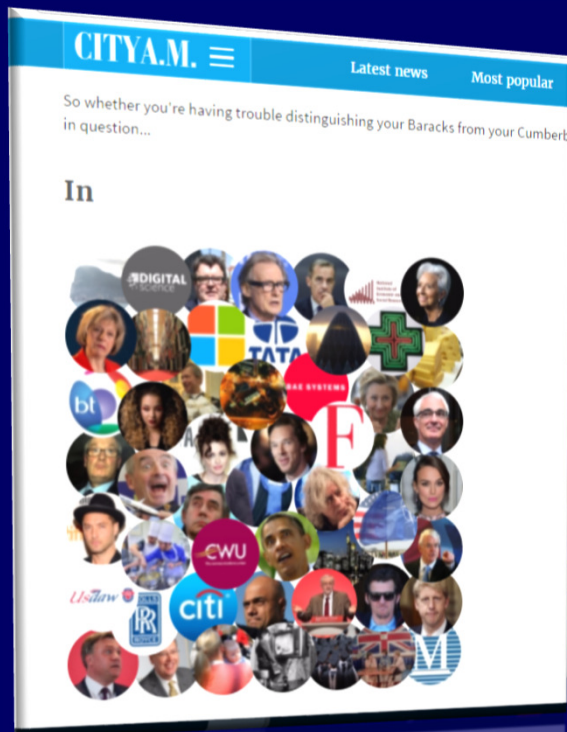
The starting point?



Where are we now?

Finally

We must learn the lesson of Brexit & Trump!



Failure of
Representative Democracy

Failure of Participatory Democracy



Planners must become leaders of change not just technocrats!



Planning Response
to Brexit



Planning Response
to Trump

Creating our futures

ECTP-CEU

European Council of Spatial Planners
Conseil européen des urbanistes

Dank je!