



CIVITAS FORUM 2016
CIVITAS ANNUAL CONFERENCE | 28-30 SEPTEMBER | GDYNIA



16. Tackling Urban Congestion:

Decoupling economic growth from traffic growth to tackle congestion in urban areas

29th September 2016

Peter Jones, CREATE scientific co-ordinator, UCL

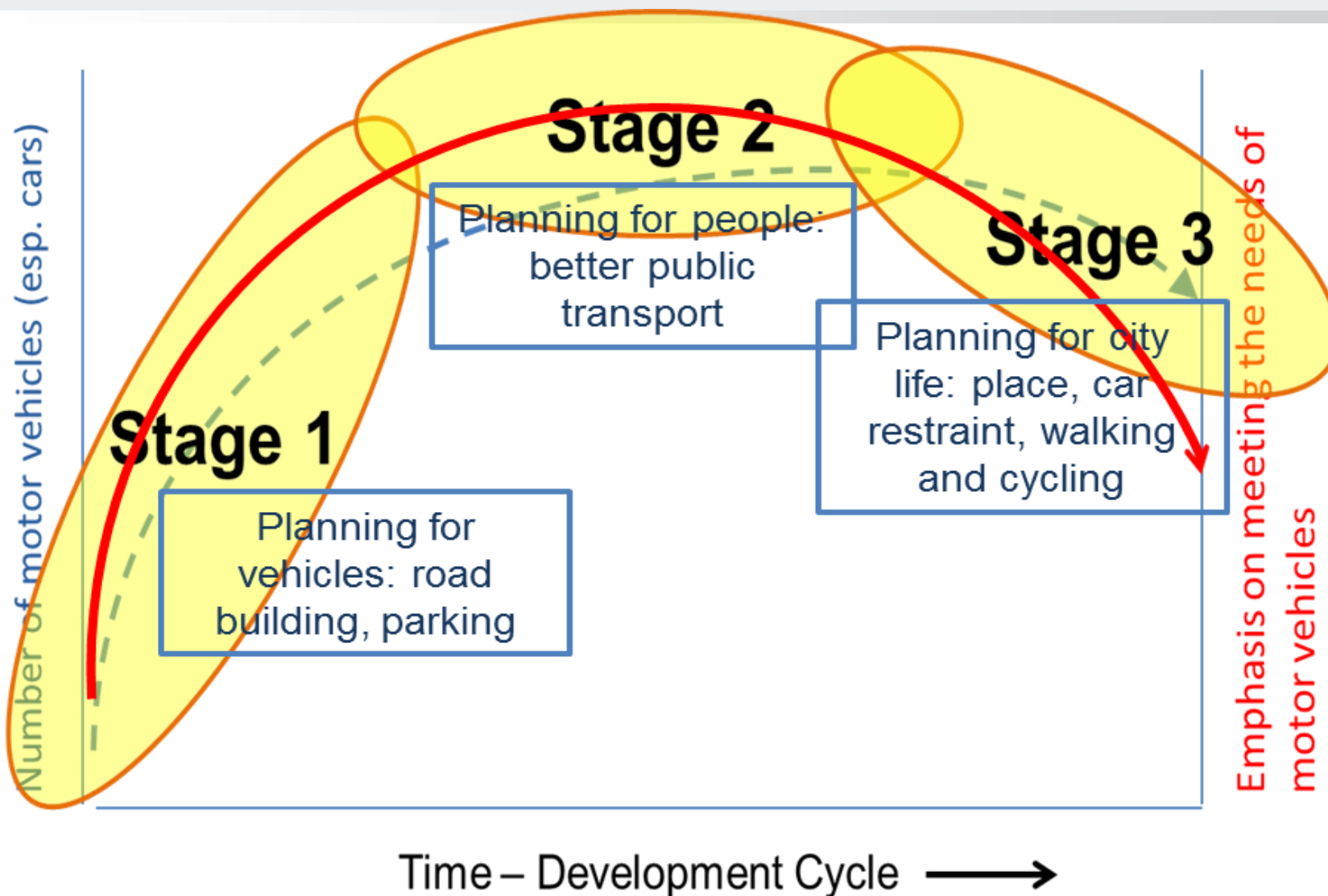


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Key arguments:

- Western European cities have gone through process of evolutionary transport policy change
- Many such cities have now experienced ‘peak car’
 - While GDP – and often car ownership – continue to grow
- CREATE seeks to identify policies which have encouraged this change and the supporting governance requirements: administration, legislation, funding
- Aims:
 - To share this knowledge with other similar cities, and
 - To provide guidance to cities dealing with early growth of car ownership, on how to speed up ‘peak car’
- AND, to find new ways to deal with pressures arising from future population growth

CREATE – Transport policy development process



CREATE – Transport policy development process

Motorway removal: Portland

Stage 1



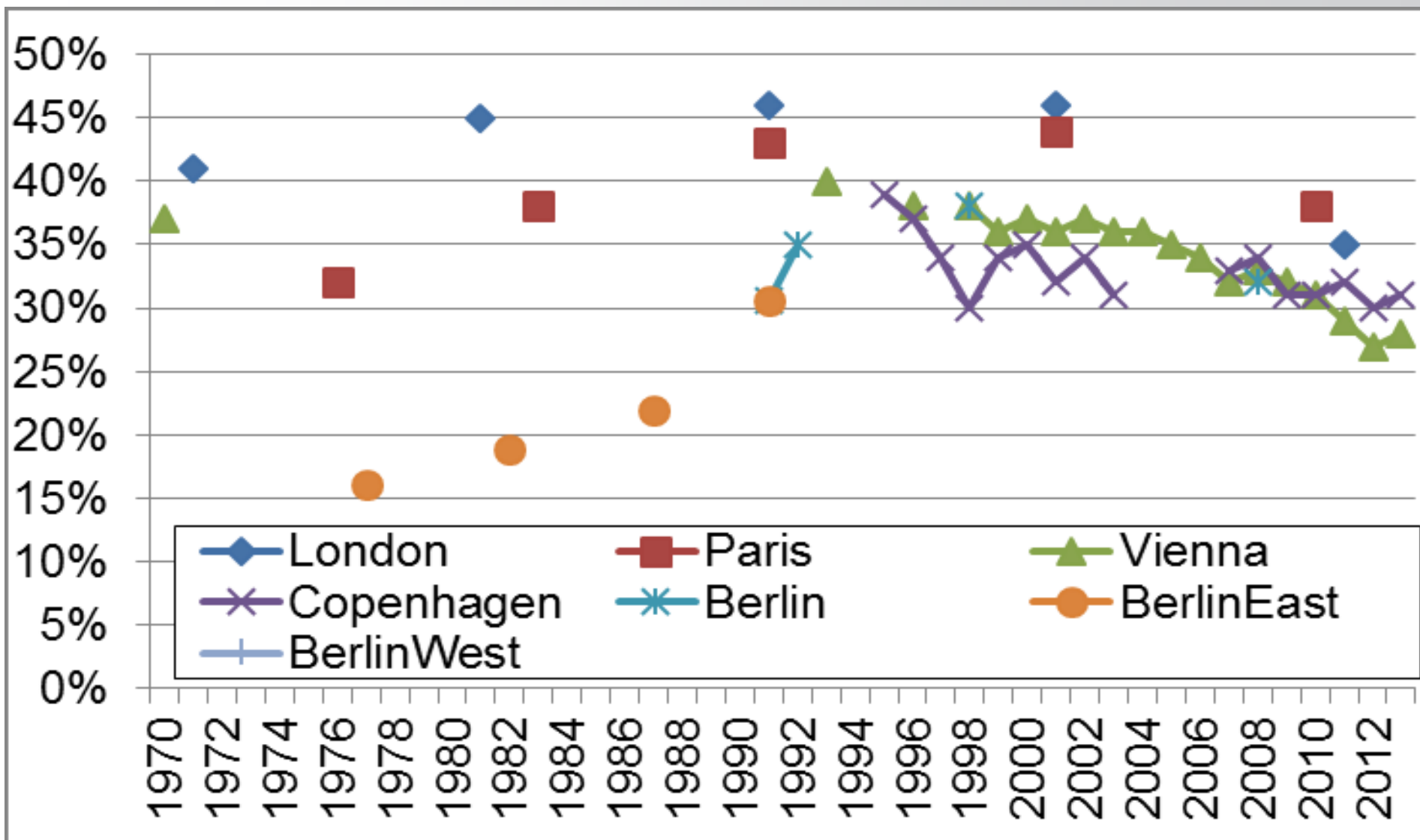
Stage 3



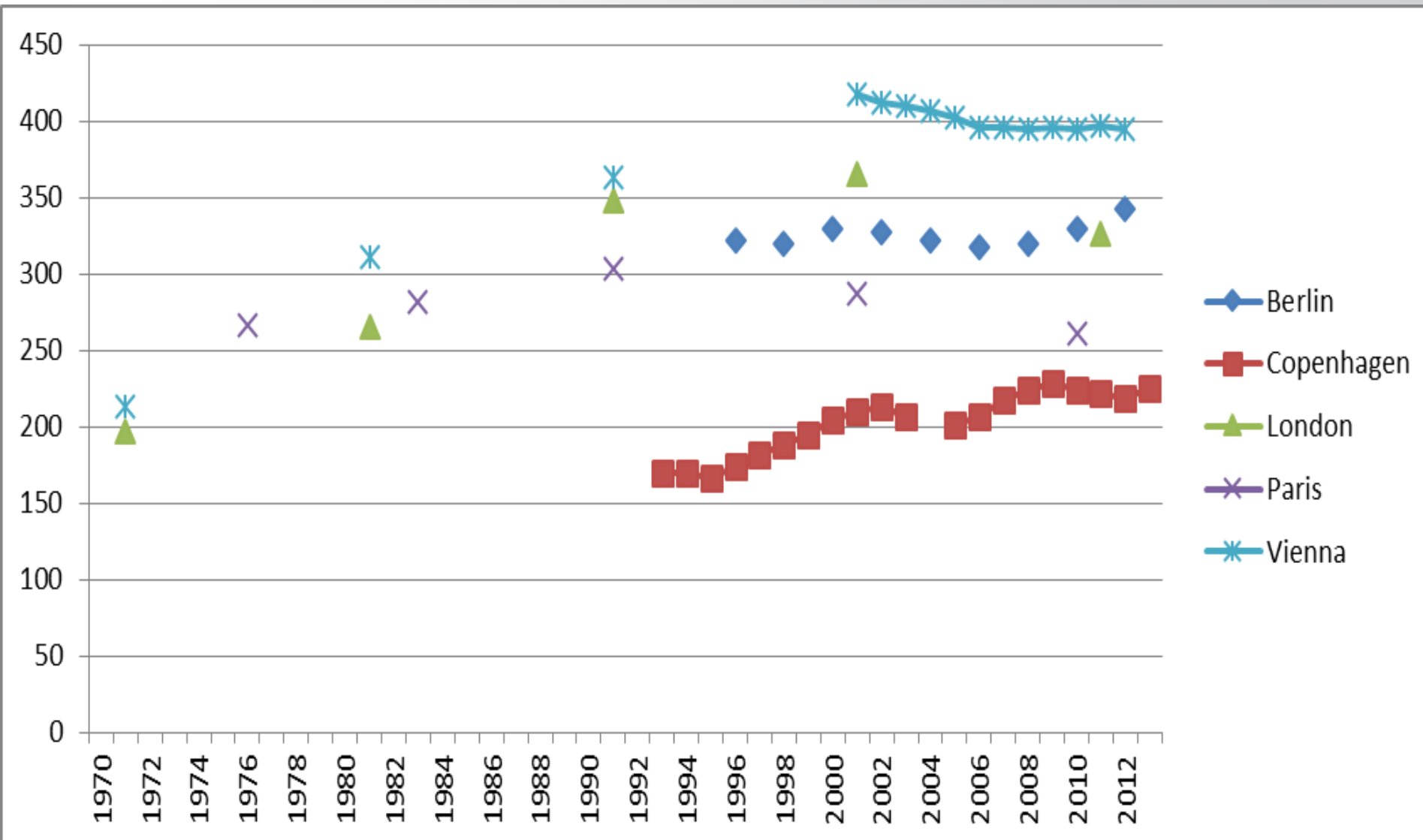
Seoul



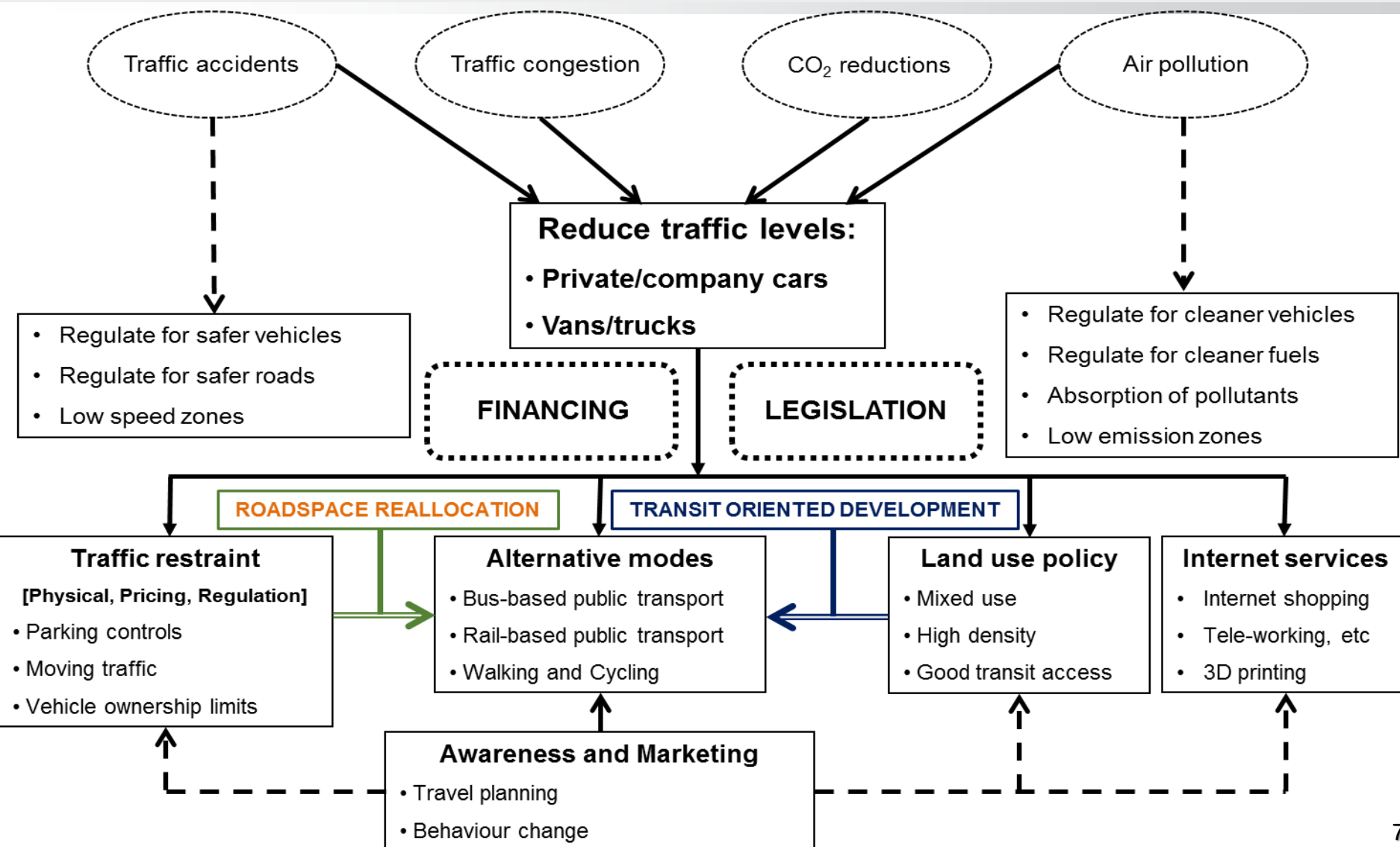
CREATE – Evidence of ‘peak car’ usage



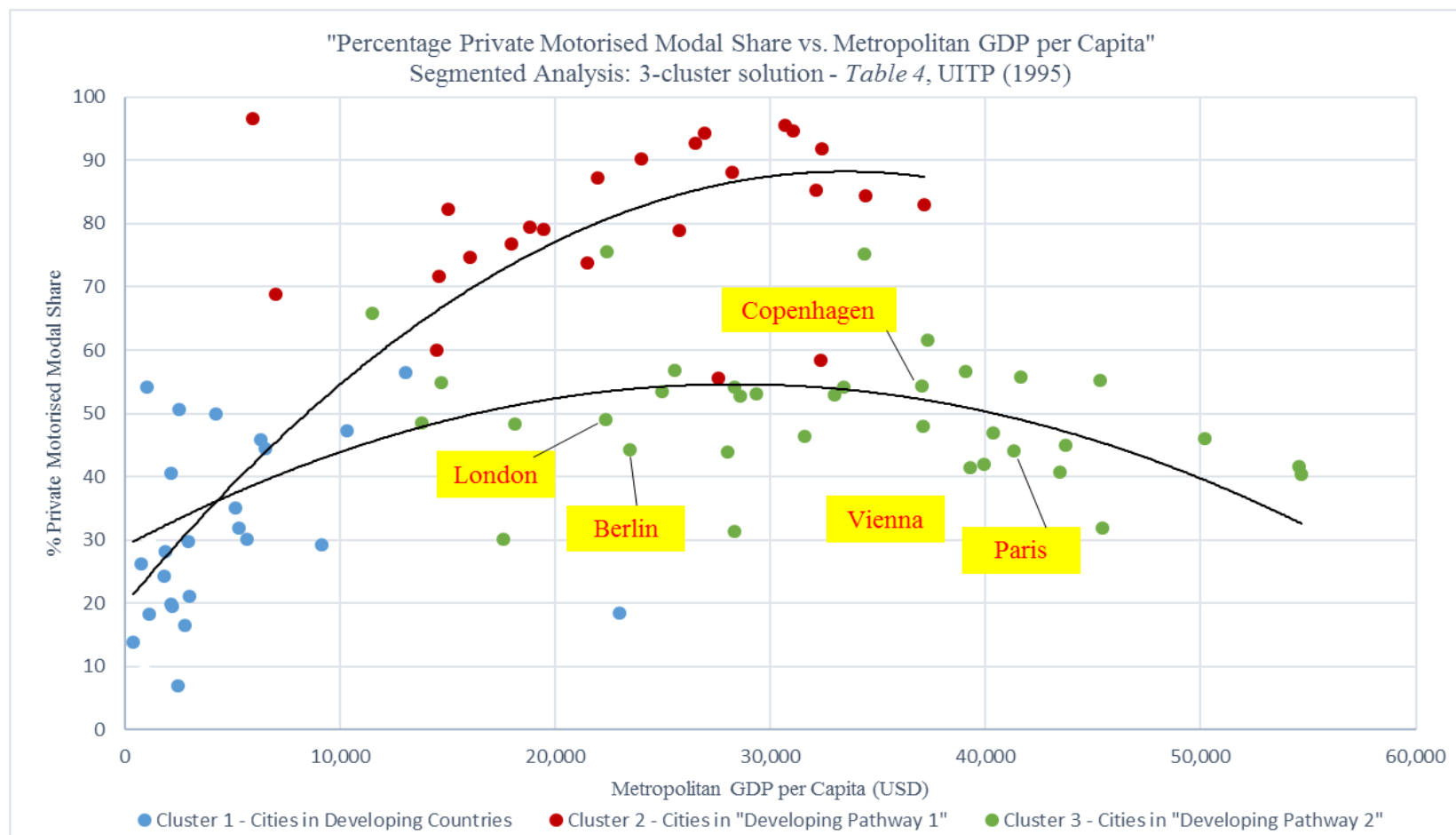
CREATE – But not always peak car ownership



CREATE – Typical Stage 3 policy package

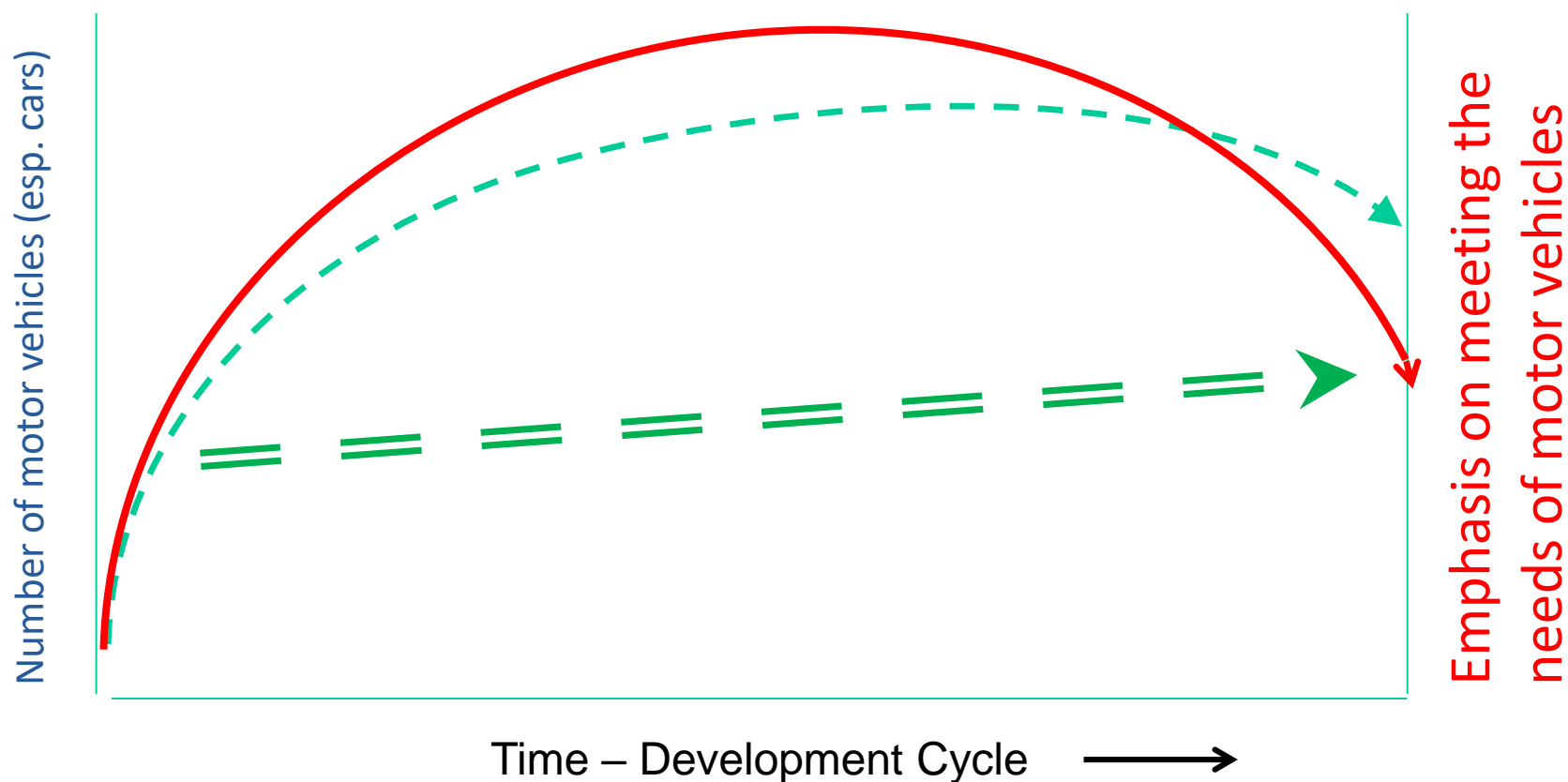


Can we ensure cities are not locked-in to car dependence?

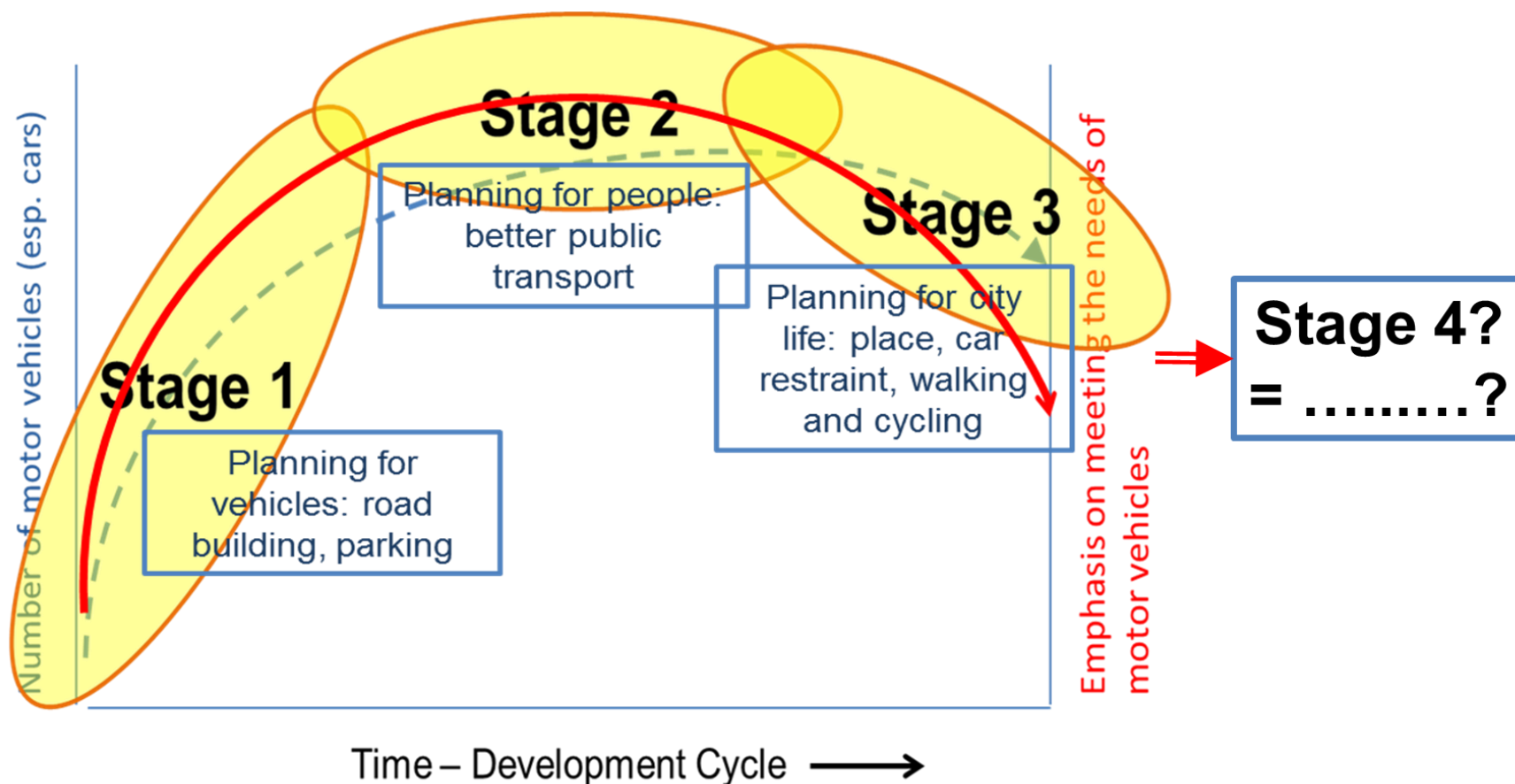


Source: analysis by Roger Teoh, MSc Dissertation Imperial/UCL 2016

Can this Stage 1 -> Stage 3 process be short-circuited?



Is there a Stage 4 – what might it look like?



Source: analysis by Roger Teoh, MSc Dissertation Imperial/UCL 2016

Is there a Stage 4 – what might it look like?

- Likely to view transport as being embedded within a wide range of economic and social activities involving both the public and private sector
- Leading to a holistic vision of a city of high quality which operates efficiently and seamlessly, with strong interconnections between transport and other actors and sectors, and new technologies
- Takes ‘seamless’ travel to another level -> seamless daily living, in a ‘smart city’ – linked with a ‘sharing economy’?
- Move from ‘predict and provide’ to ‘vision’ and validate’

Thank you!

Peter Jones

Contact Details

Centre for Transport Studies, UCL

Gower Street, London, WC1E 6BT

peter.jones@ucl.ac.uk

www.create-mobility.eu

<http://www.civitas.eu>



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