



Department  
for Transport

# Update from DfT

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SATURN User Group Meeting

28<sup>th</sup> November 2013

# Update from DfT

- Demystifying transport appraisal
- October 2013 updates
- WebTAG restructure
- Ongoing and forthcoming work
- NTM development

# Demystifying Transport Appraisal

- Clarification of the role of appraisal in making transport investment decisions
- 5 Case business case model
- Describes the detailed impacts we measure and how
- Dispels the misconception that it's all about time savings



## Transport appraisal in investment decisions: A3 summary leaflet

PDF, 909KB, 2 pages

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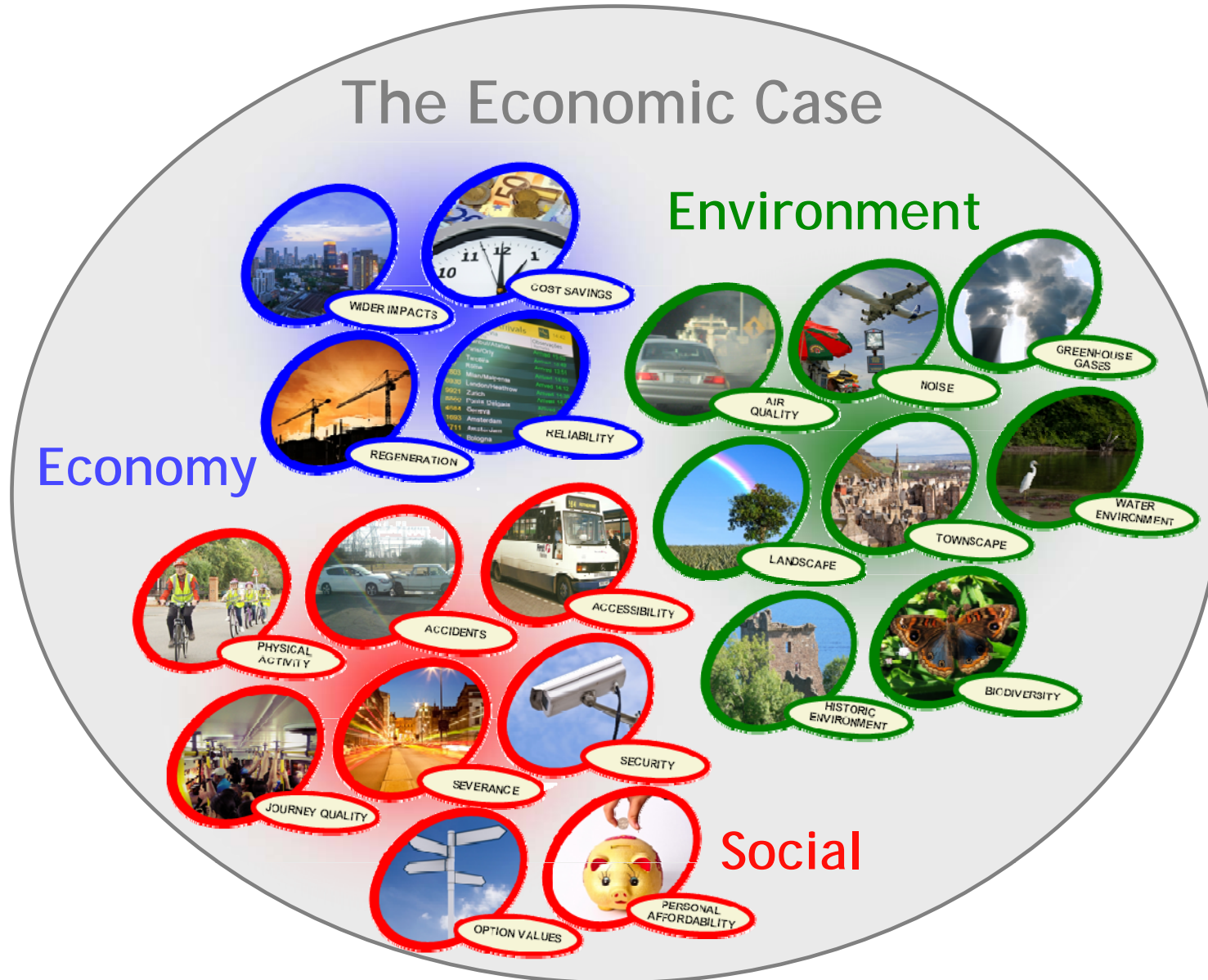


# Demystifying Transport Appraisal



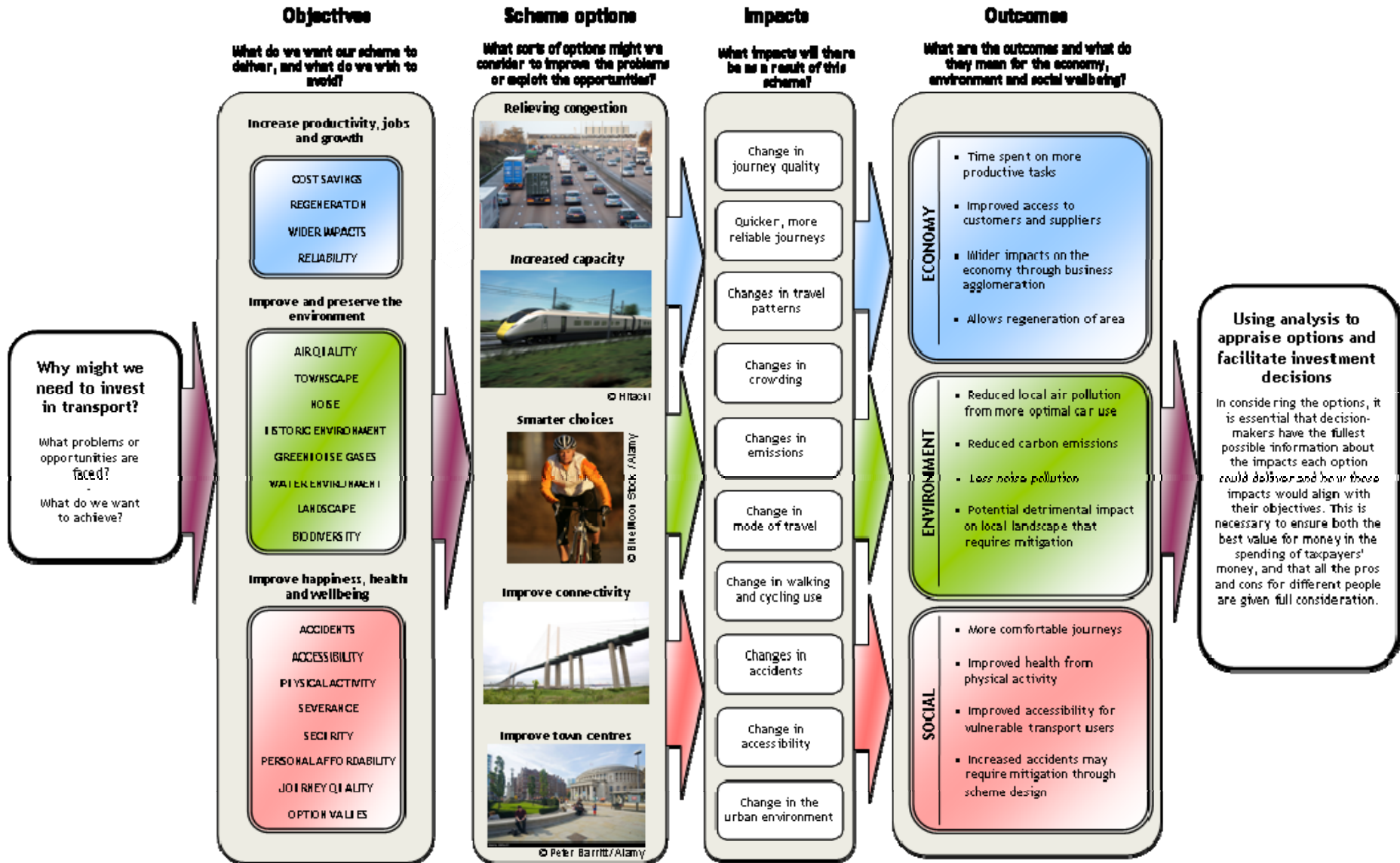


# Demystifying Transport Appraisal





# Demystifying Transport Appraisal



# WebTAG Updates

- Updates to values of travel time
- Marginal abatement cost approach to changes in air quality
- General values updates (fuel, carbon ,etc)
- Income segmentation in demand models
- Ecosystem services
- Proportionate update process description
- Withdrawal of INCA, COBA and QUADRO
- And more

# WebTAG Restructure

- WebTAG has been restructured and is now live on GOV.UK
- More targeted guidance:
  - Overview
  - Senior Responsible Officer
  - Technical Project Manager
  - Appraisal Practitioner
  - Modelling Practitioner
- Easier access to worksheets and calculation workbooks
- New Data Book contains all the values in TAG in a spreadsheet: much easier to use and update

## Transport analysis guidance - WebTAG

WebTAG provides information on the role of transport modelling and appraisal.



### Transport Analysis Guidance (TAG): data book

MS Excel Spreadsheet, 7.47MB

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# WebTAG Restructure

- Half the size!
- Units are now organised into ‘topic manuals’ making it much easier to find the guidance you need
- The content and emphasis of the guidance has not significantly changed from existing guidance
- Will supersede existing guidance in January 2014

## Transport analysis guidance - WebTAG

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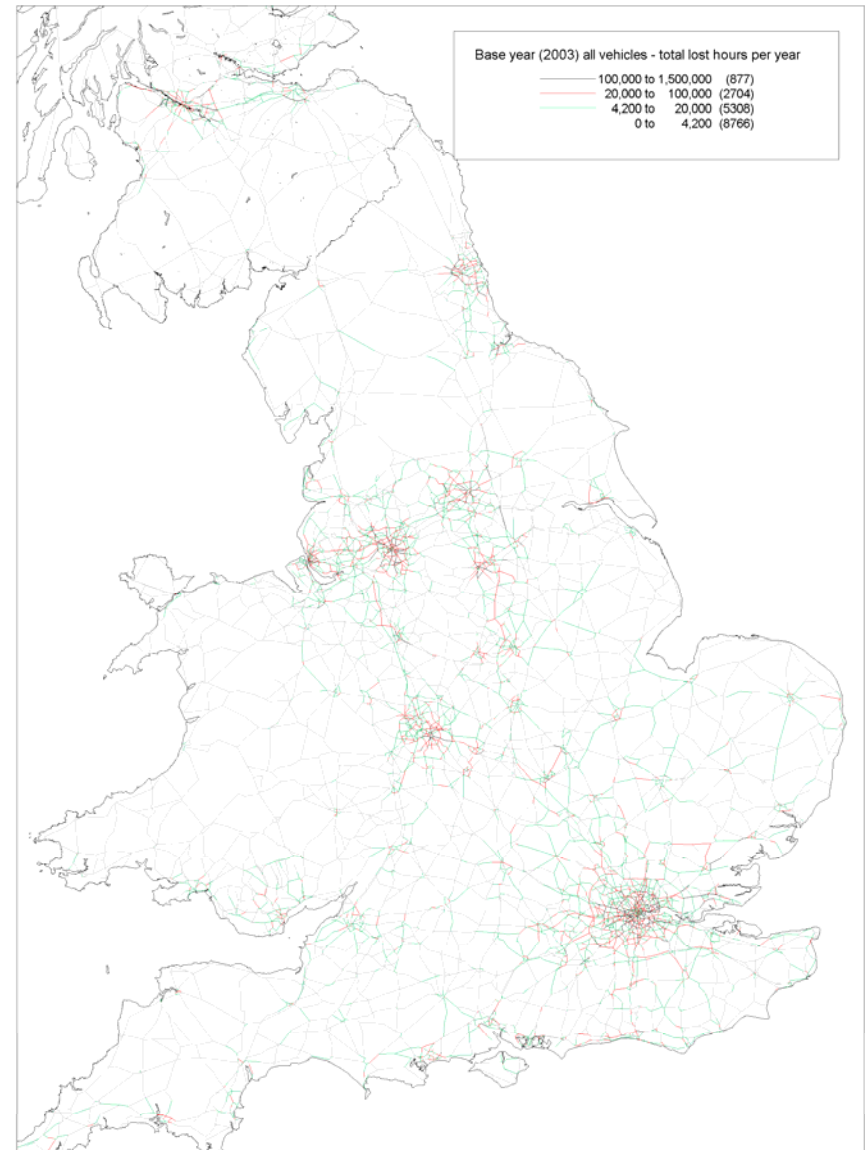
# Ongoing and forthcoming Work

- Matrix building
- Trip rates research
- Use of big data sets
- Values of time research
- Transport and the economy research
- TEMPRO 7
- NTM future development



# The National Transport Model

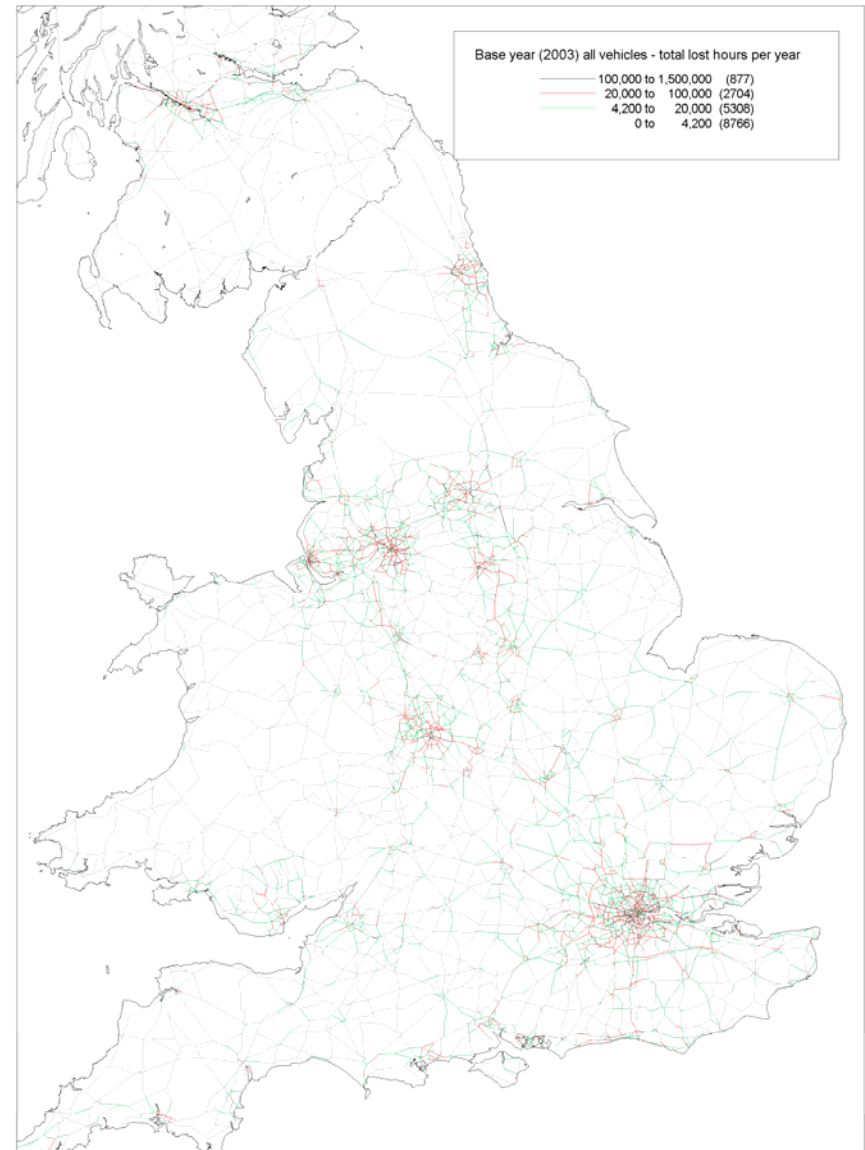
- Currently planning a new version of the NTM
- Needs:
  - National forecasts
  - Policy testing
- Limitations:
  - Computing power
  - Resources
- The NTM needs to be a model we can:
  - continue to run and develop over the next 10 years
  - adapt to a wide range of policy / network changes...
  - maintain in an environment with high staff turnover





# The National Transport Model

- At present, everything on the table:
  - Model structure
  - Spatial detail for demand and supply
  - Segmentation requirements
  - Validation standards
  - Input data (eg mobile phone)
  - “Quick” versus “Long” run-time versions
  - Innovative methods (such as zone pair sampling techniques)
  - Representation of rail, bus and active modes



# Thank you

- Demystifying transport appraisal: Google search “Transport Investment” and take a leaflet
- October 2013 updates: [www.dft.gov.uk/webtag](http://www.dft.gov.uk/webtag)
- WebTAG restructure: <https://www.gov.uk/transport-analysis-guidance-webtag>
- Ongoing and forthcoming work and NTM development: <https://www.gov.uk/government/collections/transport-appraisal-and-strategic-modelling-tasm-research-reports> (links from demystifying transport appraisal above)