



Department  
for Transport

# Updates on DfT Work Streams

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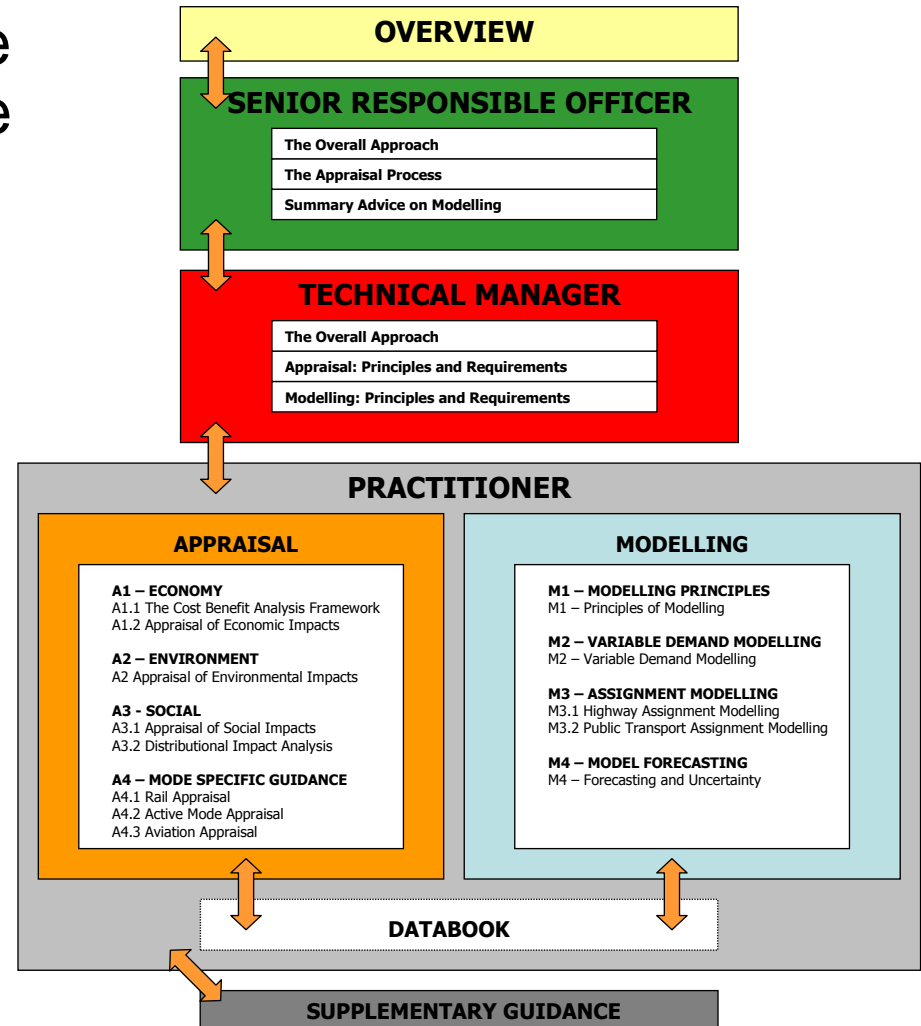


# WebTAG 2013 Releases

- Air quality abatement cost methodology
  - Rail demand cap methodology
  - Ecosystem Services appraisal
  - Bus soft factor valuations
  - Reliability
  - Electric vehicles
  - Economic Impacts
- 
- In consultation January 2013



- New restructured guidance being prepared; to become much shorter and more accessible
- Already draft guidance at higher levels on the web
- Expert level to be “soft-released” over time to August 2013
- Formal consultation starts August 2013
- Definitively replaces WebTAG end of 2013





# Trip Rates Research

- NTEM data (in TEMPRO) is used in local/regional transport models and the NTM for national traffic forecasting
- NTEM uses NTS trip rates between 1988-1996
- We are investigating how these have changed over time in the NTS (for 88 people segments)
- We are also investigating if other people segments show strong trends over time and potentially including them (e.g. internet access)
- This could enhance our travel demand forecasts

# Highway Assignment Modelling Guidance

- Latest guidance made definitive in August 2012
- Draws in existing elements of DMRB
- New matrix validation criteria
- Thoughts and opinions welcome, particularly ahead of our restructure
- Who has read it?
- Who will read it?
- What parts are most/ least helpful?

Measure	Benchmark Criteria
Matrix zonal cell values	Slope within 0.98 and 1.02 Intercept near zero R <sup>2</sup> in excess of 0.95
Matrix zonal trip ends	Slope within 0.99 and 1.01 Intercept near zero R <sup>2</sup> in excess of 0.98
Trip length distributions	Means within 5% Standard deviations within 5%
Sector to sector level matrices	Differences within 5%



# What else is happening in TASM?

- **Software** – INCA and QUADRO support is to cease, COBA may be withdrawn (replaced by an accident calculation spreadsheet), TUBA and DIADEM retained
- **Matrix building** – potential research into better guidance on base year matrix construction
- **NTM development** – research into scenarios, investigation into London enhancements, implied elasticity publication (?), iNTM (ready reckoner tool), workshops and ongoing engagement
- **Value of Time valuation research**
- **Improve freight modelling capability**
- **NTEM 6.3**



# Engagement with the Department

- **Taro Hallworth**: NTM development
- **Philip Sumner**: Appraisal software, NTEM trip rates, freight
- **Robin Cambery**: WebTAG, highway assignment, demand modelling, major scheme advice
- **Alan Feeney**: Highway assignment, matrix building, data sources
- **Adam Spencer & Michael Thomson**: Economics and appraisal
- **John Collins**: Head of Project Modelling and Appraisal
- **Highways Agency**: Trunk road schemes