

DfT TTWD User Support – Latest News

2019 User Group Meeting

November 2019

ATKINS
Member of the SNC-Lavalin Group


Department
for Transport



Update on TUBA

Current TUBA v1.9.13 Release (Jun'19)

- › Based on TAG Data Book v1.12 (May'19)
 - › Updated Economics Parameter File focussing on
 - › *Adoption of new fuel costs & emission curves (2018 Ricardo AEA Research)*
 - › *Updated GDP-related growth forecasts*
 - › *Updated fuel & carbon valuations*
- › Functionality update – new Runtime Log

Forthcoming TUBA v1.9.14 Release (TBC)

- › Based on latest TAG Data Book v1.13 announced under forthcoming changes
 - › Standard updates to Economics Parameter File
 - › *Details to follow*
- › No significant revisions planned for calculations
- › Functionality update - Option to export (full) output .bin file at runtime

Further details: <https://www.gov.uk/government/publications/tuba-downloads-and-user-manuals>

Transport User Benefits Appraisal (TUBA):

User Manual

Version 1.9.13
July 2019

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2019 SATURN User Group Meeting – Leeds 28/11/19



Update on TEMPro Interface & NTEM Datasets

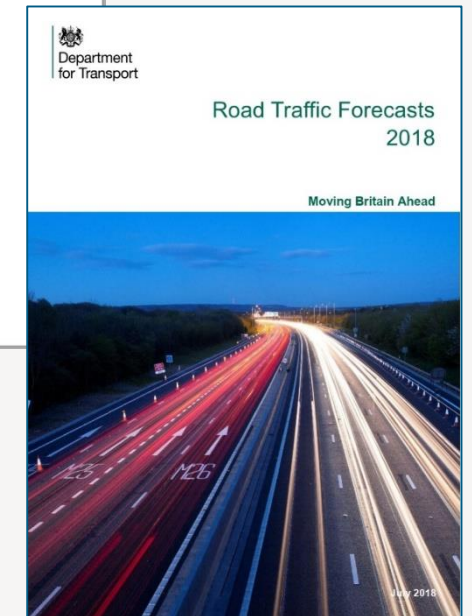
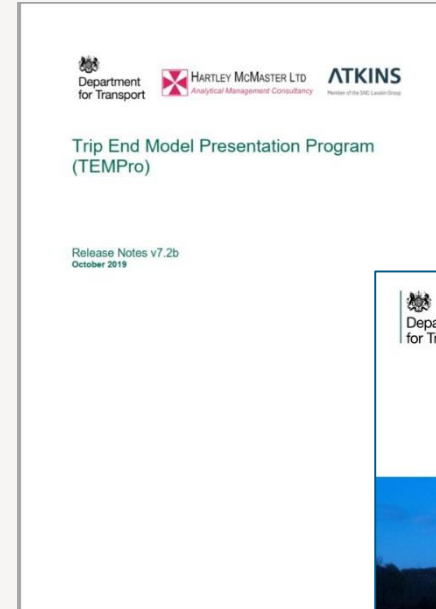
Current NTEM v7.2 (Feb'17)

- › **No changes** to previously published National Trip End Model (NTEM) Forecasts undertaken in February 2017

Latest TEMPro v7.2b (Oct'19)

- › **Small** update to incorporate 2018 Road Traffic Forecasts
 - › Only used as part of NTM Traffic Growth Calculator forecasts when no traffic model available
 - › Enables changes in travel costs, based on NTM forecasts, to be applied
 - › Previous 2015 RTF retained as consistent with NTEM v6.2 dataset
 - › 2018 RTF does **not** provide separate growth estimates by urban and rural road types
- › **Appraisals that use the trip ends from TEMPro will not be changed by the new release. Neither the NTEM reference trip end forecasts, nor any of the planning assumptions have been changed.**

Further details: <https://www.gov.uk/government/publications/tempro-downloads>



<https://www.gov.uk/government/publications/road-traffic-forecasts-2018>



Update on WITA (i)

WITA v2.0 Beta released in May'19

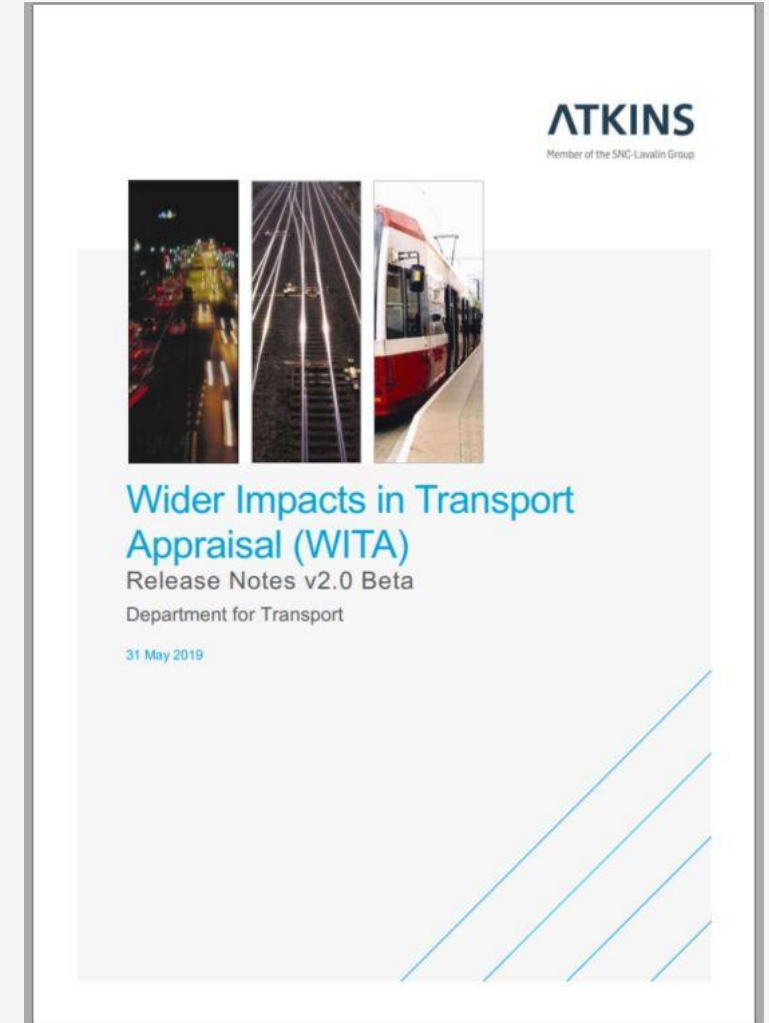
- › Implements TAG Unit A2.1 Wider Economic Impacts Appraisal (May'19)
- › Full re-write with both 32 & 64-bit applications available
 - › Resolves previous memory problems
 - › Expert mode provides access to internal calculations
 - › New documentation
 - › Shared input files with TUBA v1.9.11 release

New 2018 Wider Impacts Dataset released in parallel

- › 2011 census based (as per NTEM v7.x)

Release Specifics

- › Free licence and support
- › Requirement for parallel spreadsheet calculation removed



Update on WITA (ii)

Known Issues

- › Erroneous error messages if Horizon Year > 2081
 - › **Reported as:** “WITA Run Information - Problem aggregating Economic data by WITA zone. Check for data errors”
 - › Users need to extend WI dataset
- › Export of internal calculations using ‘Expert’ mode – issue with larger models?

Next Steps

Software Updates

- › Import matrices in OMX format (as new TUBA Matrix Format 4)
- › Processing of WI dataset
 - › Use of national GDPw growth profiles
 - › Handling Horizon Year > final year in WI Database

Next release: TBC

- › Full commercial release expected as part of TAG Spring 2020 update



WI Dataset Updates

- › Extend economic forecasts from 2081 to 2101



Update on DIADEM

DIADEM v7.0 (TBC)

- › Repackage of previous DIADEM v6.3.4 to **all** supported users
 - › DIADEM v6.x only available to Highways England RTM users only
 - › Previous key changes:
 - › (i) *Faster skimming*
 - › (ii) *OD-based occupancy*
 - › (iii) *Peak Period to Hour factors*
 - › (iv) *Sub-Area GAP convergence*
 - › (v) *User-defined convergence parameters for doubly-constrained furnishing*

Changes specifically for DIADEM v7.0

- › Updated User Manual & Release Notes
- › Withdrawal of RTM-specific research options (eg LogNormal Distribution)
- › Reproduce previous DIADEM v6.3.4 outputs
- › Awaiting DfT approval for release

Further details: <https://www.gov.uk/government/publications/diadem-software>

