

TAME Supplier Session

2021/22 pipeline



Agenda

- Business Plan Overview
- Procurement Approach
- Existing contracts & live procurements
- New procurements
 - NorTMS Development & Data
 - Stations Analysis
 - Wider Economic & Social Impacts
 - Strategic Rail
 - Freight
 - Staffing
- Other workstreams

Business Plan Overview

- **Deploy the Analytical Framework** across TfN programmes, supporting the delivery of the next phase of NPR business cases, as well as modelling and appraisal for Major Roads and Strategic Rail.
- **Maintain and refine the Analytical Framework** ensuring development activities and robust assurance processes meet the requirements of Partners and external reviewers.
- **Open-up the Analytical Framework** by publishing data/tools and finding cost-effective opportunities for sharing with Partners, maximising the benefits of investment in the North's analytical capability.
- **Provide insight and evidence** to support the development of the STP and TfN's policy positions via an in-house consultancy service that offers creative analysis, research and data visualisation.



Procurement Approach

- **Smaller number of larger contracts** covering thematic areas. Designed to provide procurement, contract management and programme efficiencies.
- **'Partner' style contracts** recognising the collaborative and integrated ways of working TAME tends to use for its contracts.
- **Flexibility in scope** using sprints with a backlog/pipeline of tasks within a broadly defined thematic scope but allowing priorities to evolve over time.
- **Looking for skilled teams** with expertise and experience in a particular area, plus a wider resource pool that can be ramped up and down depending on workloads, given sufficient notice.
- **Procurement route mostly framework-based**, but we want to access specialist suppliers where appropriate, using a mixture of open tenders or asking larger suppliers to consider sub-contracting to access particular skills.





Existing contracts & live procurements

- **Some key contracts for 2021/22 already procured or in middle of procurement,** included here for awareness:

- NPR Rail Modelling & Appraisal Partner
- NorMITs Demand Partner
- Investment Programme Benefits Analysis

- Some existing contracts will also run over into first few months of 2021/22.

NorTMS Development

-  Northern Highway Assignment Model
-  Northern Rail Modelling System
-  Procurement approach



NoRMS

NoRMS Iteration 2 will be applied in NPR OBC

Model development will be decoupled from application to reduce risk in model application programme next year

TAME working with DfT and Peer Reviewer to agree priorities for development in 2021/22

Model needs to address technical priorities and meet requirements of NPR OBC, with two groupings of activity:

Technical

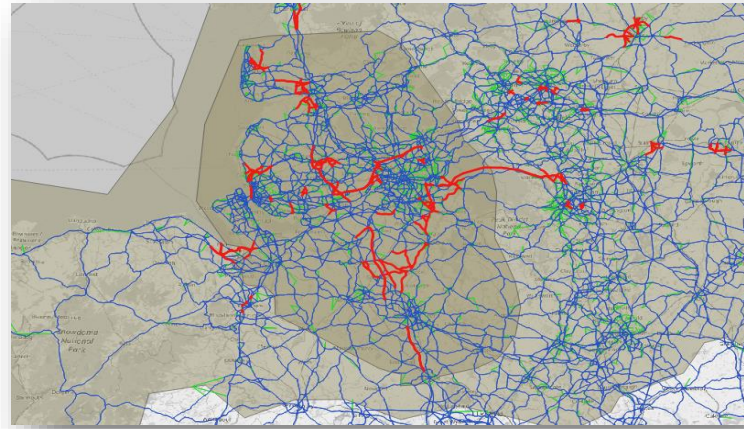
- Customisation of the Station choice model
- Improving specification of station catchments
- Review representation of crowding
- Representation of other competing modes

User Experience

- Easier specification of new stations and catchments
- Easier access to model outputs to enable technical assurance and troubleshooting



NoHAM



First iteration of the base year model has been completed, a **fully functional and validated** Highway Model for highway appraisal purposes.

Level of spend likely to be modest compared to NoRMS anticipated Activity, and could include:

- Reactive improvements from IPBA application of model
- Improve calibration and validation away from SRN and MRN, including broader range of counts and network updates
- Work with TfN NorMITs team to improve synthetic highway matrix



NorTMS Procurement Approach

- **Title:** NorTMS Development Partner
- **Duration:** April 2021 – March 2023 (break point at 12 months)
- **Value:** £250-350k (2021/22) plus a similar value for 2022/23, subject to funding approval
- **Procurement route:** Framework TBC



Stations Analysis

— NPR Stations Analysis

— Procurement approach



NPR Stations Analysis

Objectives

1. To agree a single preferred option for NPR station locations across the network.
 2. Progressing plans where it is important for overall case or helps differentiate between options:
 - Economic development opportunities
 - Sizing analysis for accurate cost / performance
 - Passenger experience – Appraisal of movement through station / urban realm (link to econ development)
 - Revenue generation
 - Lead on compiling multi-criteria framework for stations option selection
- Does not cover demand modelling or wider economic modelling, although there will be an interface with other contracts in these areas.



Stations Analysis Procurement Approach

- **Title:** Stations Analysis Partner
- **Duration:** April 2021 – March 2023 (break point at 12 months)
- **Value:** £250-350k (2021/22) plus a similar value for 2022/23, subject to funding approval
- **Procurement route:** Framework TBC



Wider Economic & Social Impacts

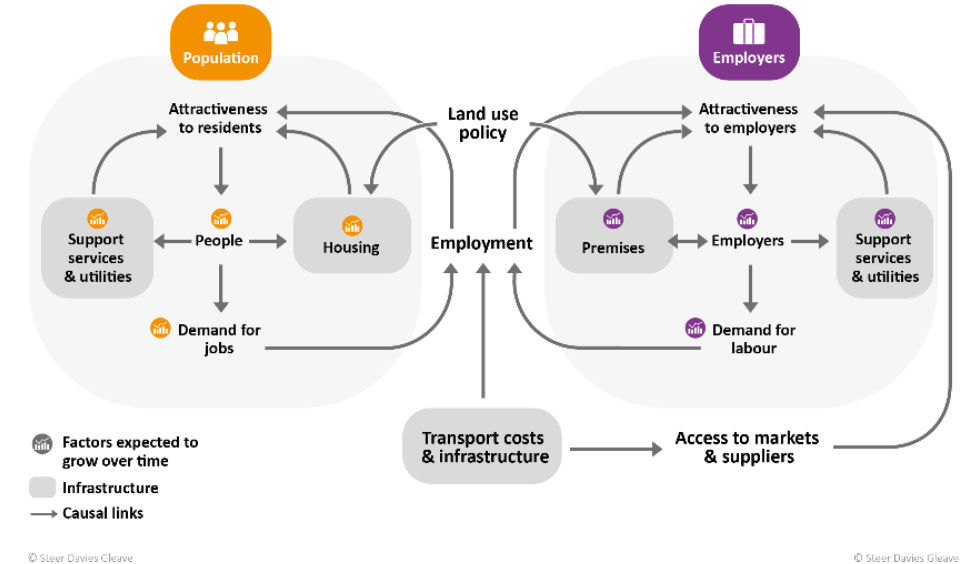
— NELUM & Wider Impacts

— Procurement approach



NELUM & Wider Impacts

- Decision made to group NELUM development with other wider impacts analysis and distributional analysis, given linkages and the need for a coherent narrative.
- Advice from TfN Procurement that a new competitive tender is required, following several years of work with Steer.
- This contract will also include support to run NELUM (or replacement tool) for NPR programme.



Wider Economic and Social Impacts Partner will provide:

- Supplementary Economic Model development
- Wider Impacts appraisal development
- Modelling & appraisal programme support
- Strategic wider economic analysis for NPR
- Distributional analysis tools and support

Wider Economic & Social Impacts Procurement Approach

- **Title:** Wider Economic & Social Impacts Partner
- **Duration:** May 2021 – March 2023 (break point at 12 months)
- **Value:** £250-350k (2021/22) plus a similar value for 2022/23, subject to funding approval
- **Procurement route:** Open tender



Strategic Rail

- Strategic rail business case work
- Procurement approach



Strategic Rail

Use of the analytical framework tools to support a range of activities with TfN strategic rail team:

- **Station Hub Delivery Plans.** Build business case for infrastructure improvements at key northern stations
- **Journey Time Improvement Study.** Benefits estimates of a number of line speed enhancements
- **Network Gap Studies.** Business case to take forward schemes not currently under development by other Agencies
- **Covid-19 recovery planning.** Analytical support to understand shape of new rail market post Covid-19



Strategic Rail Procurement Approach

- **Title:** Strategic Rail Business Case Partner
- **Duration:** May 2021 – March 2023 (break point at 12 months)
- **Value:** £275k (2021/22) plus similar value for 2022/23, subject to funding approval
- **Procurement route:** Framework TBC



Freight

- Freight projects
- Procurement approach

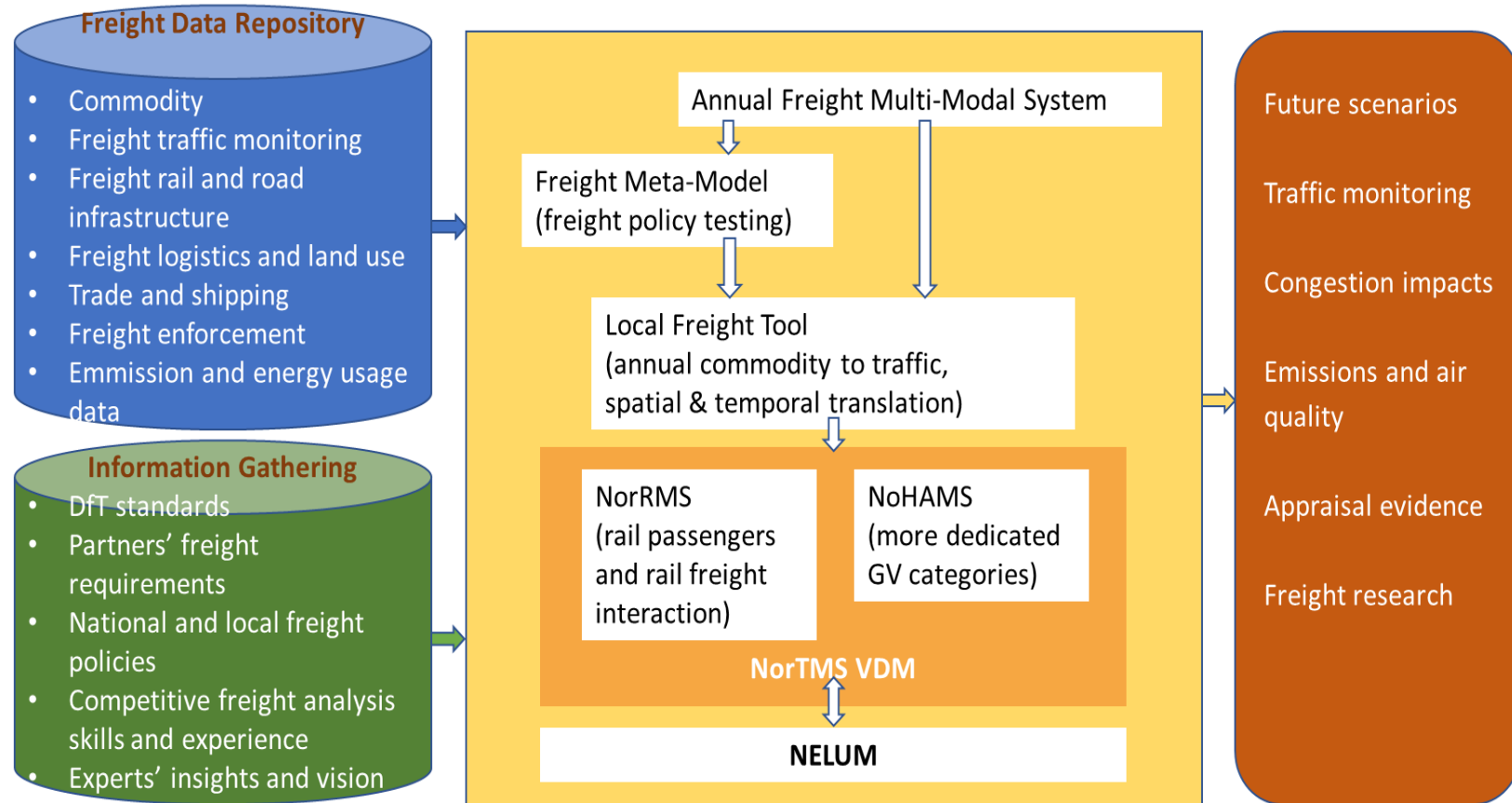
Freight

2020/21

- NPR Freight Scheme Testing
- Preparation of IPBA freight demand data
- Local Freight Tools and Freight Data Repository
- GBFM Model In-House Services

2021/22

- NPR OBC and IRP SOBC rail freight analysis support
- IPBA freight modelling
- Freight strategy support
- Strengthening internal freight analysis capability
- Model tool and data sharing



- TAME only leading on procurement for NPR work.

Freight Procurement Approach

- **Title:** NPR Freight Partner
- **Duration:** May 2021 – March 2023 (break point at 12 months)
- **Value:** £50-100k (2021/22) plus an extension with potentially higher value for 2022/23, subject to funding approval
- **Procurement route:** Framework TBC



Staffing

- Staffing requirements
- Procurement approach

Staffing requirements

A number of TAME vacancies are currently filled with consultant secondments. Further resource of this nature will be required in 2021/22:

- Senior transport planning support for NPR programme.
- Project management and team coordination support.
- Minimum of 5 roles, but potentially more. Mixture of full time and part time.
- Looking for a route to draw in support from more than one supplier.

Staffing Procurement Approach

- **Title:** TAME staffing pool
- **Duration:** May 2021 – March 2023 (break point at 12 months)
- **Value:** £0.6-1.0m (2021/22) plus similar for 2022/23, subject to funding approval
- **Procurement route:** Framework TBC



Other workstreams

- TAME is working with other TfN teams in other areas that could involve supplier input. TfN teams such as Strategy, Economics and Research will engage with the supply chain in due course. Potential areas include:
 - Economic Recovery Plan
 - Decarbonisation / Zero Emission Vehicles
 - Freight strategy

Thank You

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