

# Stage 1: Strategic Modelling Inception

## Initial Strategic Modelling Screening Meeting (TfL and Applicant)

- Location and scale of development
- Strategic modelling requirements, process and timescales
- Confirmation of TfL Strategic Analysis (SA) case officer and model access arrangements



### Applicant

1 - Produce Strategic Modelling Scoping report outlining assessment process, future year or years for assessment and time frames (study area / area of impact).

3 - Establish full accredited team licenced to access and use models.

6 - Applicant to agree external auditor appointment.

8 - Applicant to agree fee and payment process.

9 - Request access to model and pay licence fee (separate fee for each model).

### TfL

2 - TfL to review and agree Strategic Modelling Scoping Report (SMSR).

**(SA) SIGN OFF SMSR : 2 WEEKS**

4 - Produce an External Model Auditor (EMA) brief and issue to 3 accredited transport consultants (6 week procurement process).

5 - Appoint EMA with agreement from applicant .

7 - TfL to provide fee to applicant for completing the required auditing and sign-off role.

**(SA/SP) SIGN OFF PAYMENT PROCESS: 1 WEEK**

10 - TfL to provide model access.



## Stage 2 – Baseline Modelling

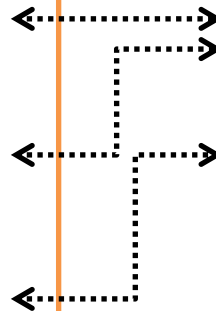


### Applicant

1 - Complete initial model review and performance evaluation.

3 - Locally calibrate and validation two assignment models (Railplan/HAM) for the agreed base year.

4 - Produce Local Validation Report (LVR) and amend the model / LVR if required .



### TfL

2 - TfL/EMA to review models and provide feedback as necessary.

5 - TfL/EMA to review LVR and provide feedback as necessary.

**(EMA / SA) SIGN OFF FINAL LVR / BASELINE MODELS : 2 WEEKS**

# Stage 3 – Future Year Modelling



## Applicant

- 1 - Produce trip generation methodology for proposed development to include: phasing programme, construction and operation trips, and list of cumulative schemes and their trip generation, assignment and distribution.
  
- 3 - Develop future year model reference case(s), **with** and **without** development to include:
  - Phasing
  - Construction trips
  - Operational trips
  - Cumulative scheme trips
  
- 5 - Complete Model Summary Report with potential proposed mitigation options for further testing.
  
- 7 - Produce future year model reference case with development and mitigation options, and produce Final Modelling Report .

## TfL

- 2 - TfL/EMA to review and agree trip generation methodology and assignment/distribution.  
**ONCE SIGNED OFF: EMA / SA / SP**
  
- 4 - TfL/EMA to audit, review and sign off **with** and **without** development model.  
**ONCE SIGNED OFF: EMA / SA**
  
- 6 - TfL/EMA to review Model Summary Report and agree mitigation and testing.  
**ONCE SIGNED OFF: EMA / SA**
  
- 8 - TfL/EMA to audit, review and sign off **with** development and mitigation model.  
**ONCE SIGNED OFF: EMA / SA / SP**
  
- 9 - TfL to provide final letter on completion to formalise process, milestone model sign off and agreed mitigation.

