

# PLANNING FOR SAFETY

Construction Logistics and Community Safety

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# Construction Logistics and Community Safety

- Why construction logistics matters
- What are the challenges?
- Solutions: Construction Logistics Plans
- Solutions: Professionalising the sector
- Solutions: Construction Logistics training and qualification

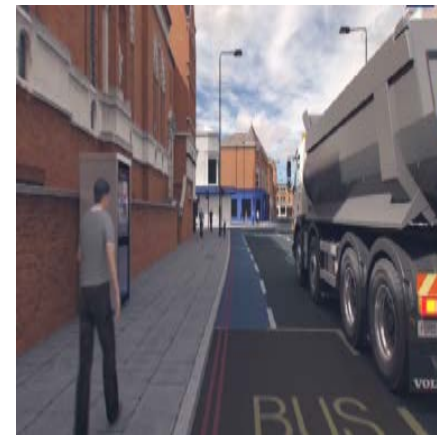
# Why Construction Logistics matters

- Construction activity is essential to the regeneration of major cities across the country and elsewhere in the UK
- It enables the provision of buildings and infrastructure to accommodate more people, housing and businesses
- However, the construction industry faces a number of challenges to increase operational efficiency while reducing the **risks** and **environmental impact** of deliveries
- Effective construction logistics planning is a **KEY** enabler for successful and safe projects



## What are the challenges?

- Air Quality - Reduce emissions, noise and dust
- Safer - Reduce road risk to vulnerable road users.  
Reduce fatalities and serious injuries from collisions with construction vehicles
- Congestion - Reduce intensity of activities at major construction sites with high volumes of vehicles entering and leaving sites
- Communication of standards - Need to demystify CLOCS and FORS
- Construction Logistic Plans – Elevating their importance



## What are the challenges?

- The methodologies for construction logistics planning can be inconsistent and often started late in the project process
- Variable quality of data for construction site planning
- Until recently, there have been no formally qualified authoritative professionals employed in construction logistics or in planning authorities



# Solutions: Construction Logistics Plans

- A Construction Logistics Plan (CLP) is an important management tool for planners, developers and construction contractors
- A CLP compiled during the early Design stages co-ordinates with the Procurement strategy and informs the Schedule
- A CLP can be a key element of project management through regular monitoring of delivery performance
- Need to standardise data, terminology and metrics
- Enables effective communication by the Project to the Planning process and local communities



# Solutions: Construction Logistics Plans

## CLPs:

- Enable reductions in environmental impact, safety risks and congestion
- Co-ordinate with & support BIM and BREAAAM objectives
- Promote more cost effective construction logistics activity
- Provide scope for the use of more sustainable modes of transport
- Satisfy development planning requirements



## Solutions: CLPs and professionalising the sector

- A TfL sponsored Construction Logistics Programme has been overseen by a Construction Logistics Improvement Group (CLIG)
- Over 75 active organisations are involved in the CLIG including developers, construction contractors, supply chain operators and Local Authorities
- The CLIG and its industry leaders have led, shaped and influenced the development of a new first of its kind accredited CLP training programme (Foundation and Practitioner courses)
- They have also helped drive forward new and updated CLP guidance for developers and planners



# Solutions: Construction Logistics training and qualification

The training is designed for developers, contractors, supply chain operators, Borough planners and transport consultants

## **The Foundation training aims to:**

- Simplify and standardise CLP presentation, structure and compilation across the industry
- Enhance awareness of the importance and benefits of CLPs
- Introduce you to the new CLP format and guidance – to ensure you are prepared for it's roll-out and requirements from now

# Solutions: Construction Logistics training and qualification

## **The Practitioner training will enable participants to:**

- Complete the various sections of the CLP
- Understand the CLP review stages
- How the CLP may be tailored to align with the 6 phases of construction
- Utilise CLP vehicle estimation methods
- Implement planned measures through CLP development
- Understand how to review and re-assess the CLP

# Solutions: Construction Logistics training and qualification

- The CLP Practitioner and Foundation training was launched and delivered across London in May 2017
- 251 were trained by the end of the first programme – exceeding the initial target of 200 places
- A second round of CLP training began in January 2018 – all courses are now fully booked



# Solutions: Construction Logistics training and qualification

- There are now 118 qualified Practitioners but with more in the pipeline
- Due to the very strong demand received so far for the training and enquiries received from organisation outside of London, the intention is to roll the training out to elsewhere in the UK
- TFL are planning to run a 3<sup>rd</sup> day Advanced CLP training, which will encompass more detailed work on the enforcement and communication of CLP's, plus data modelling and metrics
- CLOCS will play a key role in helping to deliver this



Thank you

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