



WORK RELATED
ROAD RISK

Work Related Road Risk (WRRR)

Briefing for London Road Safety Council

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2 Background

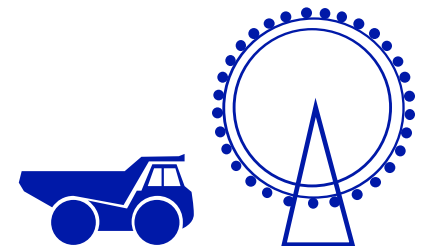
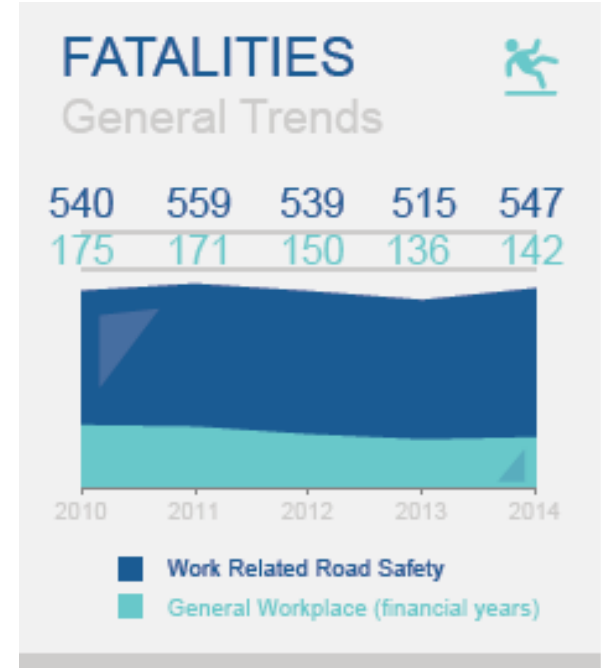
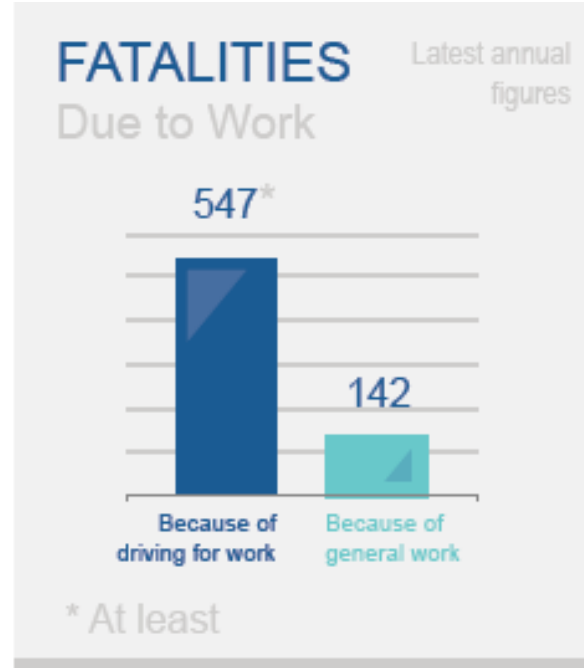
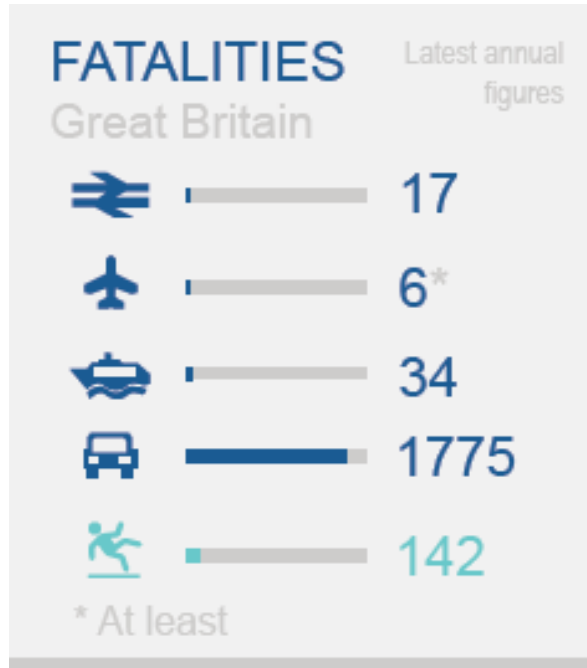
- HSE: Quarter of all work fatalities occur on roads
- BRAKE: Third of all road fatalities involve work
- 1780 road fatalities year to Sept 2015
- 23,7000 road KSI's year to Sept 2015



Department
for Transport



3 Activity most likely to cause harm



EVERY JOURNEY MATTERS

4 London fatal statistics 2014

	Killed	Lorries	Vans
Pedestrians	64	16	7
Pedal cyclists	13	5	0
Powered 2-wheelers	27	1	5



5 London serious injury statistics 2014

	Seriously injured	Lorries	Vans
Pedestrians	715	16	57
Pedal cyclists	419	10	38
Powered 2-wheelers	499	10	49



6 The state of freight



Over 70% of Police HGV roadside stops identify regulatory infringements



7 The state of freight

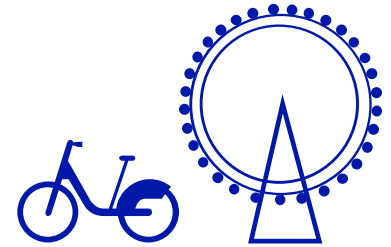


⁸ H&S at work applied to the roads

- Managing the risks to employees who drive at work requires more than just compliance with road traffic legislation
- Reduced collisions
- Reduced congestion
- Increased confidence
- Increased cycling



9 The TfL position



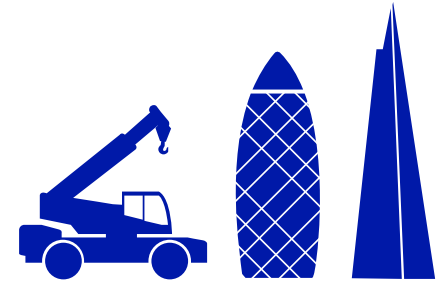
TfL must employ, and must be seen to employ, the safest fleet operators in London

In February 2012, we introduced Work Related Road Risk (WRRR) clauses into our new **and** existing contracts, to mitigate the risk of a vulnerable road user being killed or seriously injured by one of our suppliers



10 The TfL journey

- Nov 2011 – 3 x fatalities in one week
- TfL has a responsibility for road safety
- February 2012 FORS clauses in contracts
 - FORS accreditation
 - Safety kit for HGV's
 - Approved driver training for all drivers



¹¹ The TfL journey

- **2013: CLOCS (Construction Logistics and Cyclist Safety) develops the same standard for use in construction industry**
- **Nov 2014: TfL WRRR clauses tighten up the wording and place a responsibility on suppliers to adopt in their supply chain**
- **WRRR Policy adopted as responsible procurement aimed at reducing collisions**



- **FORS Accreditation:**
- Bronze or above
 - Collision reporting system
 - Driver licence checks
 - Eyesight checks

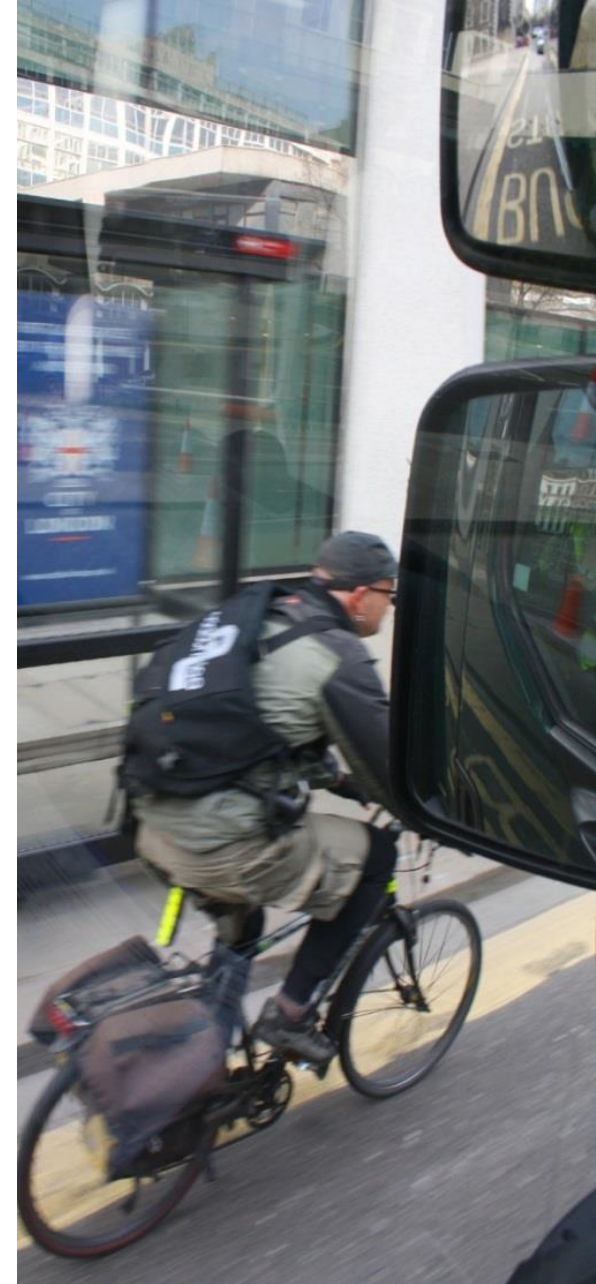
- **Approved Driver Training**
 - One practical module of VRU training every three years
 - One module of e-learning every twelve months

Understanding TfL's WRRR Requirements

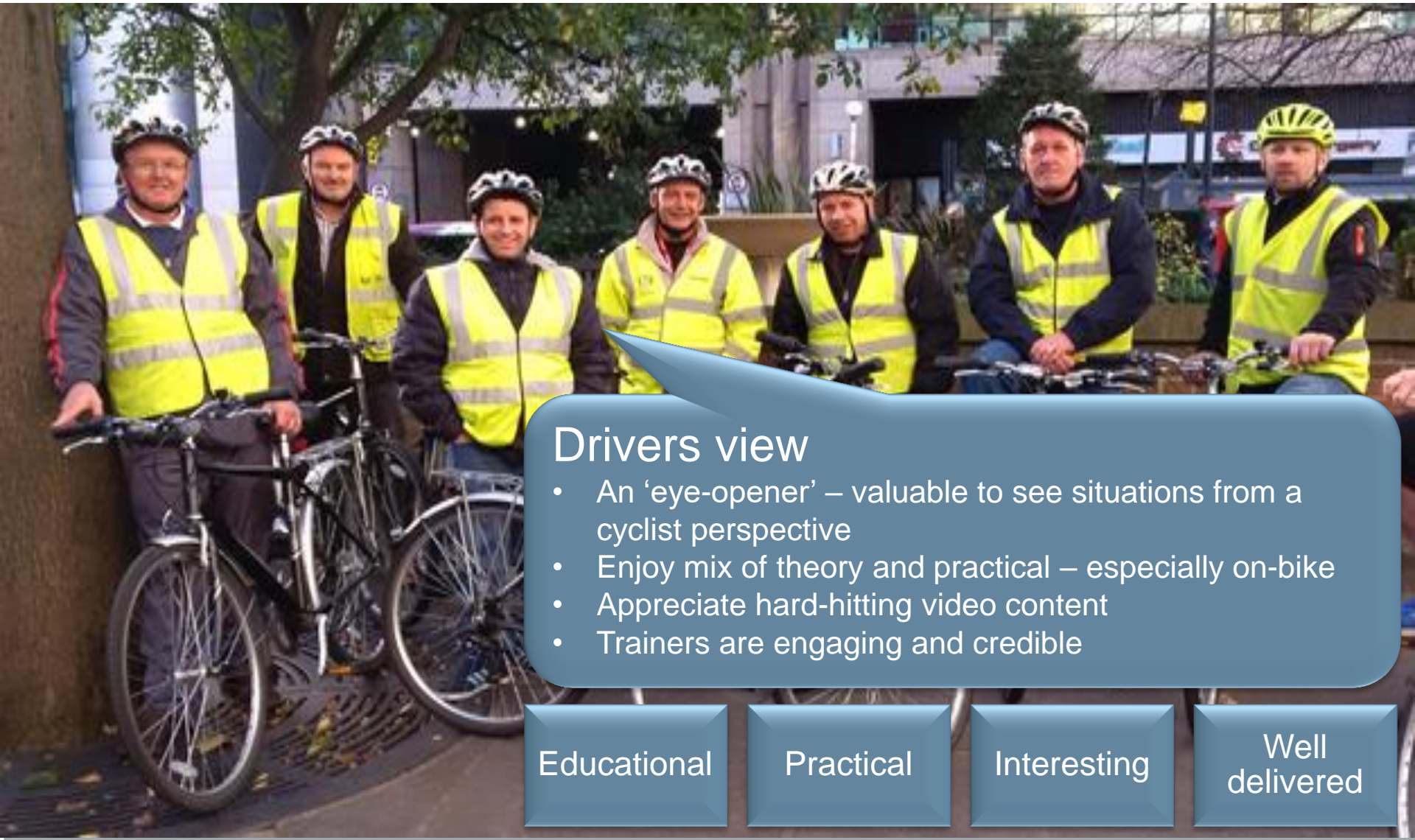


Safety kit for vehicles over 3.5t

- **Blind spot minimisation**
 - **Class 5 & 6 mirrors**
 - **Front mounted rear facing camera**
 - **Fresnel lens**
 - **Side sensors**
- **Audible left turn warning**
- **Side under run bars**
- **Warning signage**



14 Training - Safe urban driving



Drivers view

- An 'eye-opener' – valuable to see situations from a cyclist perspective
- Enjoy mix of theory and practical – especially on-bike
- Appreciate hard-hitting video content
- Trainers are engaging and credible

Educational

Practical

Interesting

Well
delivered

Driver CPC Training:

Over
21,000
drivers
trained



Safe Urban Driving



Staying Legal



Van Smart

E-learning modules:

Over
42,000
drivers
trained



Road
Safety



Cycle
Safety



Van
Safety



Fuel
Efficiency



Kerbside
Compliance



Reduced Infringements

- **76%** licence/ insurance offences
- **64%** most serious infringements
- **50%** drivers hours offences

Reduced collisions

- **41%** reduction in injury collisions
- **25%** reduction in total collisions



*Recognising achievement and innovations
which will improve road safety*

Ensuring TfL
suppliers keep
our roads safe

www.tfl.gov.uk/wrrr-requirements



¹⁷ Improving management skills

FORS Practitioner:



Developing fleet
management
policy



Managing work
related road
safety



Managing driver
fitness and
impairment



Managing driver
assessment and
training



Post-collision
procedures and
analysis

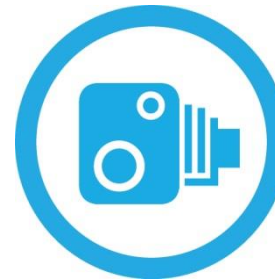
Over
1,500
managers
trained



Safe and efficient
fleet management



Reducing fuel use
and emissions



Legal loading and
unloading



Managing fleet
performance



It's not jut TfL



Industry bodies

Clients

Looking out
for vulnerable
road users

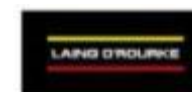


Contractors

Logistic operators

Regulatory bodies

Vehicle manufacturers



19 Evolution of HGV design



1970



1980



1990



2000



2010



Very little change in cab profile and improvement to driver direct vision

2014



2015



2015



Consistent standard to manage road risk

WRRR & CLOCS = client requirements

FORS = demonstrating compliance

1

Drivers

- Have a valid driving licence for the vehicle they are driving
- Provide proof that they have received approved WRRR training that includes the safety of vulnerable road users, such as the Safe Urban Driving (SUD) course. A list of approved training courses can be found on the FORS website
- Provide proof that they have completed a FORS e-learning safety module in the last 12 months

2

HGV and Van Operators

- Be FORS accredited to a minimum Bronze level or equivalent. Accreditation to Silver level or above ensures that all WRRR Requirements are met
- Report, investigate and analyse collisions using a reporting tool, such as CLOCS Manager

3

Heavy Goods Vehicles

Vehicles over 3.5 tonnes must be fitted with additional safety equipment including, but not limited to, these features:

- Blind spot minimisation through direct or indirect visual aids e.g.
 - Class V and VI mirrors
 - Fresnel Lens
 - Camera systems
- Side guards
- Audible left turn warnings
- Rear warning signs
- Proximity warning systems



CLOCS

Clients: Take ownership of road safety in your supply chains

The CLOCS Standard enables a fair and consistent approach to managing safety beyond the site gate, aiming for zero harm across all construction operations.

- CLOCS is a fair national standard for operators to adhere to
- Work together to raise safety standards and ensure compliance
- Become an integral part of raising road safety standards and protecting vulnerable road users

Ensure your fleet operators meet the CLOCS Standard

For CLOCS visit
www.clocs.org.uk



Operators: Demonstrate compliance to CLOCS through FORS

FORS is an accreditation scheme delivering safety, environmental and efficiency benefits for fleet operators by encouraging the adoption of best practice industry standards.

- Demonstrate compliance with the CLOCS Standard through FORS
- Show your commitment to being a safe and compliant operator
- Become an integral part of raising road safety standards and protecting vulnerable road users

Discover how your operation can benefit from FORS - register now!

To register with FORS
www.fors-online.org.uk

21 A balanced and comprehensive programme

£4bn road
modernisation
programme



c7,500 fixed penalty
notices issued to
cyclists a year

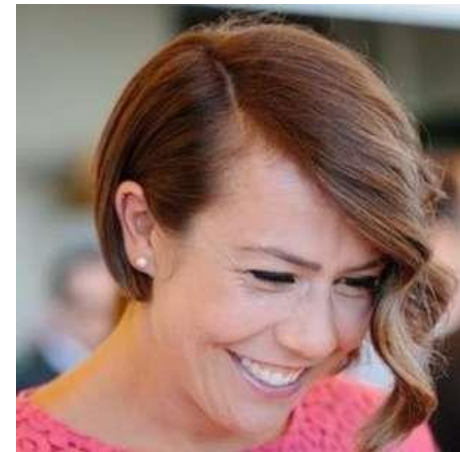


23,000 cyclists taken
part in exchanging
places



29,000 adults and
75,000 children trained

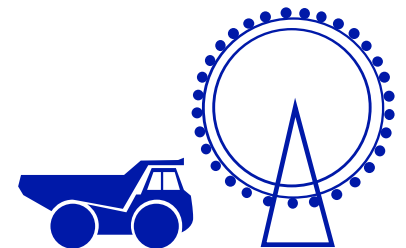




23 What can you do?

- Camden case study
- LIP funding conditions
- Consider the same standard:
In your own fleet
In your liveried fleet
In your supply chain
In your permitting

Let's deliver
a safer London



EVERY JOURNEY MATTERS

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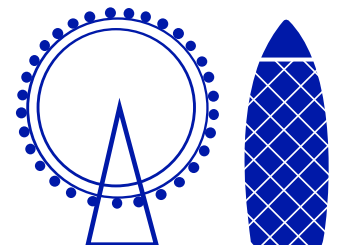
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**Let's deliver
a safer London**



- TfL is committed to raising road safety standards
- This is a responsible procurement initiative
- Everything is available to share



25 Questions?

