Smarter Greener Logistics Workstream 3 Kerbside Management

What is Kerbside Management
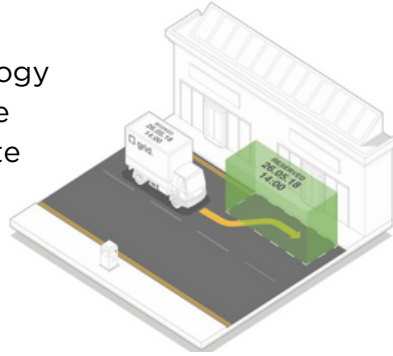
Kerbside management involves using technology to dynamically manage the kerbside to alleviate congestion and improve air quality.

What are Kerb-Virtual Loading Bays?

- Digitally created loading bays, which are time, location, vehicle, and use case sensitive. This allows the use of the kerbside without a need for signage or highway markings.

- Loading bay allocations are digitally lifted on to a booking system / app, meaning freight drivers can book slots for kerbside access to deliver goods, improving delivery certainty.
- Enables 21% more deliveries by improving operational efficiency

- It can also help to manage poor air quality hotspots, incentivise the use of cleaner delivery vehicles, and improve traffic flows.
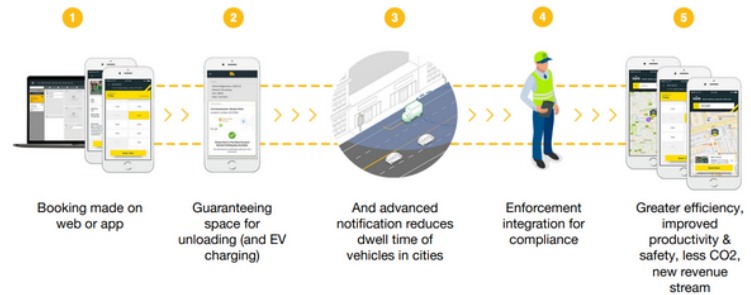
Benefits of Kerbside Management

Increased kerb space availability leads to improved efficiency and reduce risks of penalty charge notices for operators

VLBs could generate up to £140 million per annum in revenue for TfL and London local authorities

Improvements in congestion levels from reduced circulating vehicles (saves over 3 million hours in wasted delivery driver times per annum)

Improvements in air quality from reduced emissions

Loads Easier (2021)

Workstream 3 Outputs

Deliver a Kerbside Management trial led in collaboration with Grid Smarter Cities. This will enable up to 6 local authorities to trial the use of Kerb-Virtual Loading bays in 2 suitable locations for a 3-month period (maximum of 12 virtual loading bays).

Monitor and evaluate the impact of virtual loading bays as part of the trial.

Develop resources, workshops and case studies to provide local authorities with further information on kerbside management technology.

Understand the benefits / challenges of kerbside management technology to inform future policy and strategies.

1	2	3	4	5
Booking made on web or app	Guaranteeing space for unloading (and EV charging)	And advanced notification reduces dwell time of vehicles in cities	Enforcement integration for compliance	Greater efficiency, improved productivity & safety, less CO2, new revenue stream

Images provided by Grid Smarter Cities

Resources

- Loads Easier - dynamic kerbside management
- Reclaim the Kerb: The Future of Parking and Kerbside Management
- Grid Smarter Cities website

Further Information

For further information, please contact Workstream 3 Lead Katherine Fairfax katherinefairfax@crossriverpartnership.org