

Is technological innovation necessary for increased freight efficiency?

An examination of the Irish Freight Sector

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Overview

- The need for efficiency in the freight sector
- The Irish freight sector
 - Operational characteristics
 - Use of technology
- Planning for the Irish freight sector
- Conclusions

The Need for Efficiency



The Irish Freight Sector

National Transport Authority Survey of Freight Managers*

March 2010

Section 1: Profile Company & Fleet Description

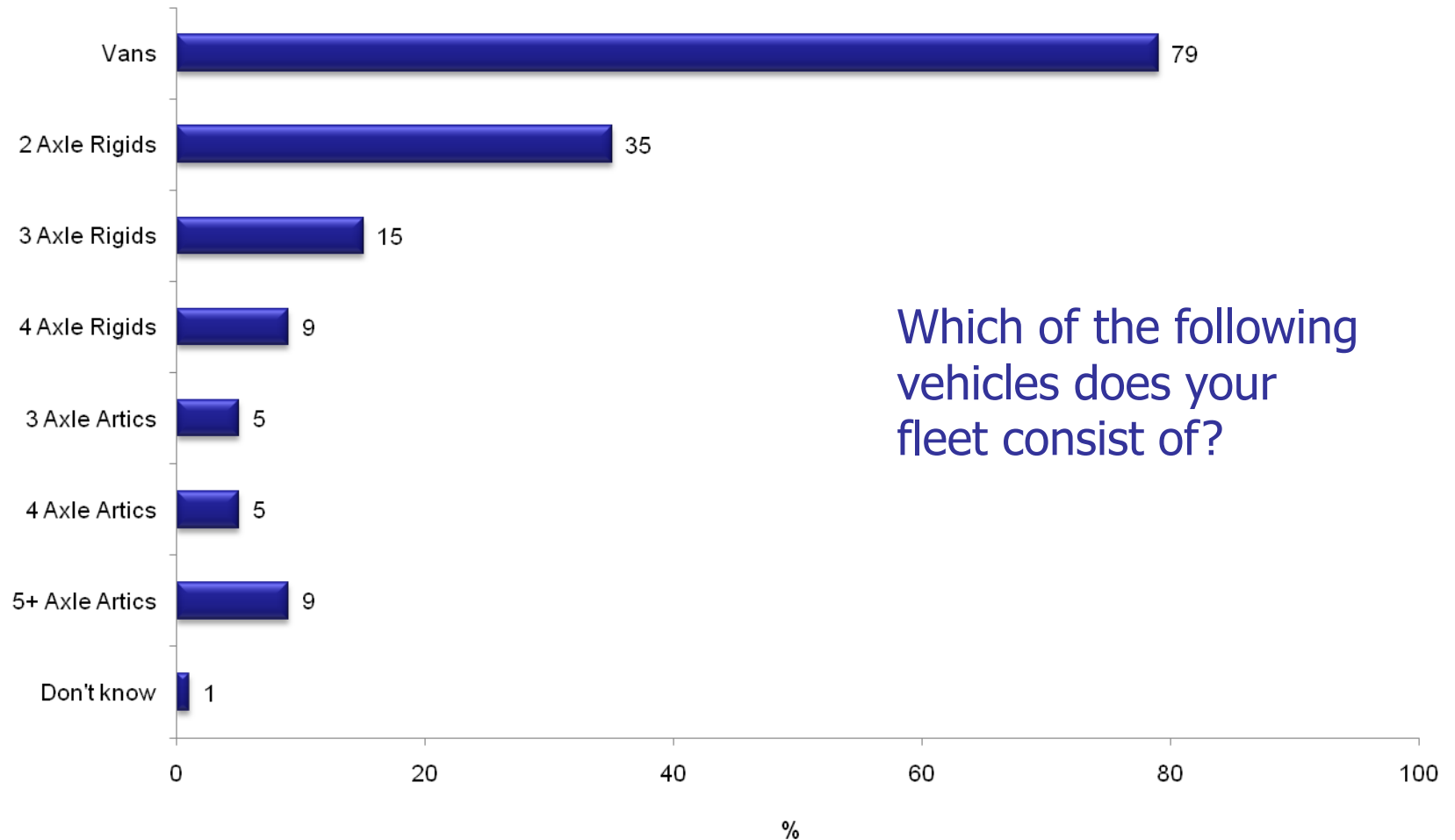
Section 2: Description of Information &
Technology Used

Section 3: Transport Issues

www.nationaltransport.ie



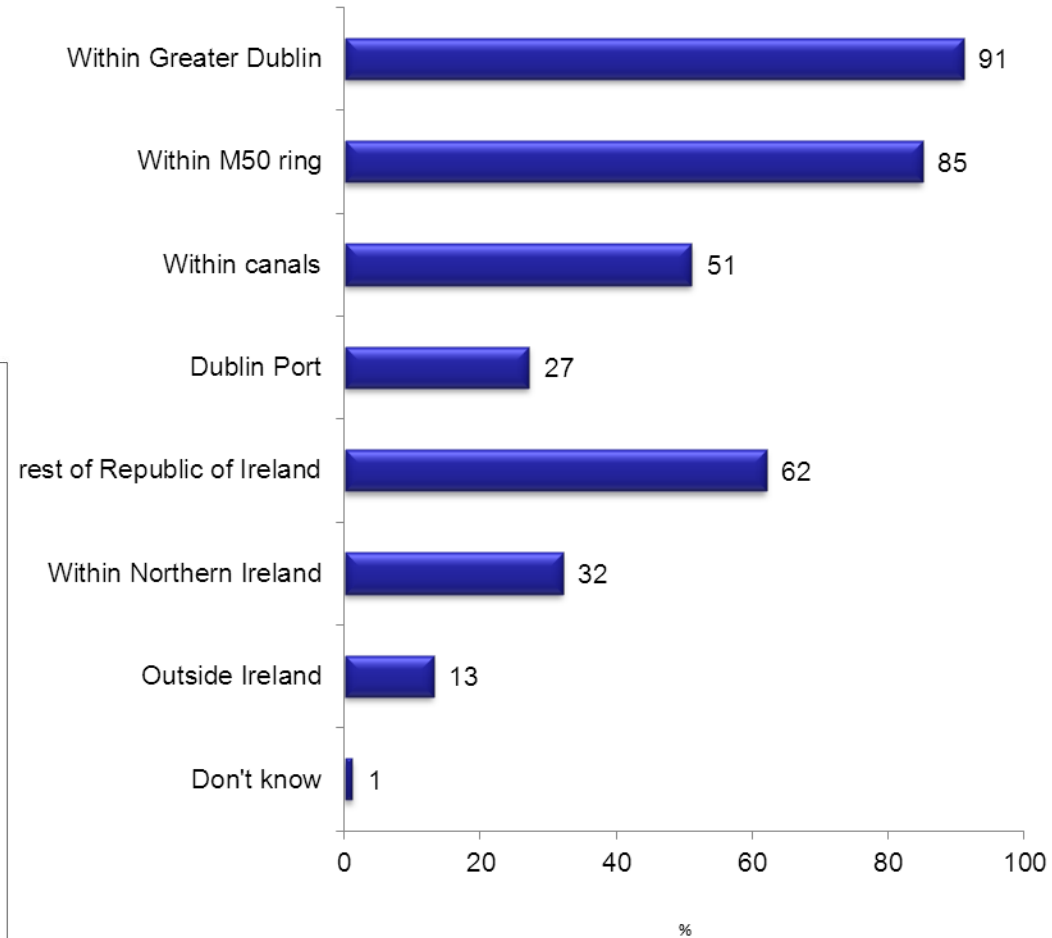
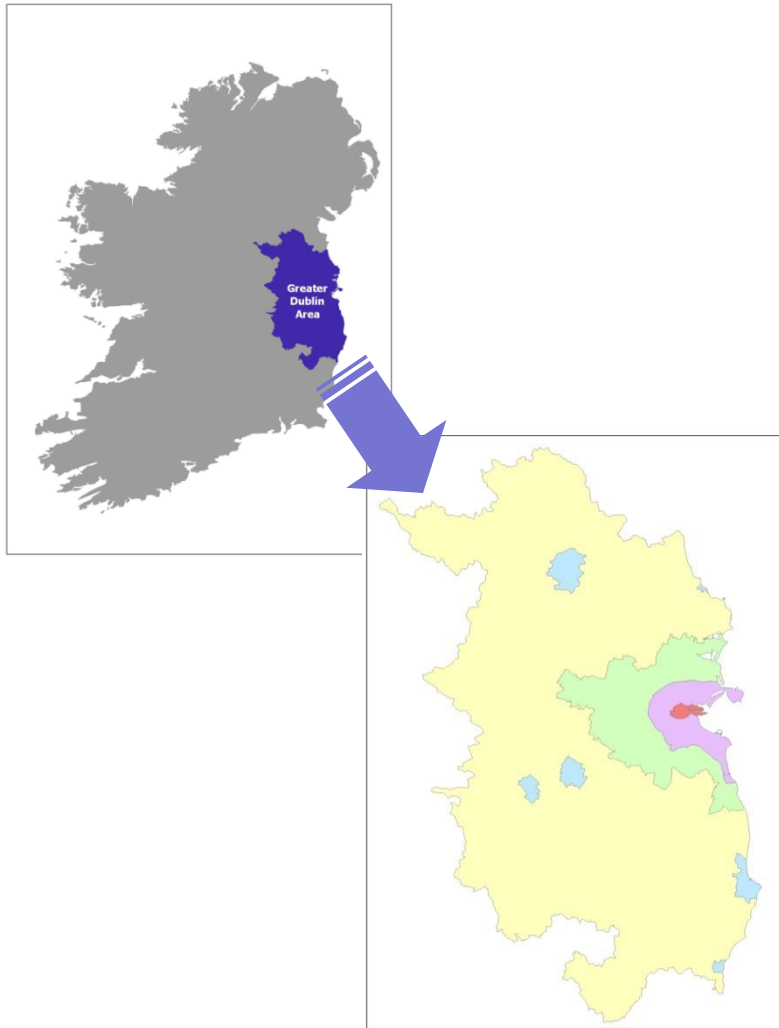
The Irish Freight Industry



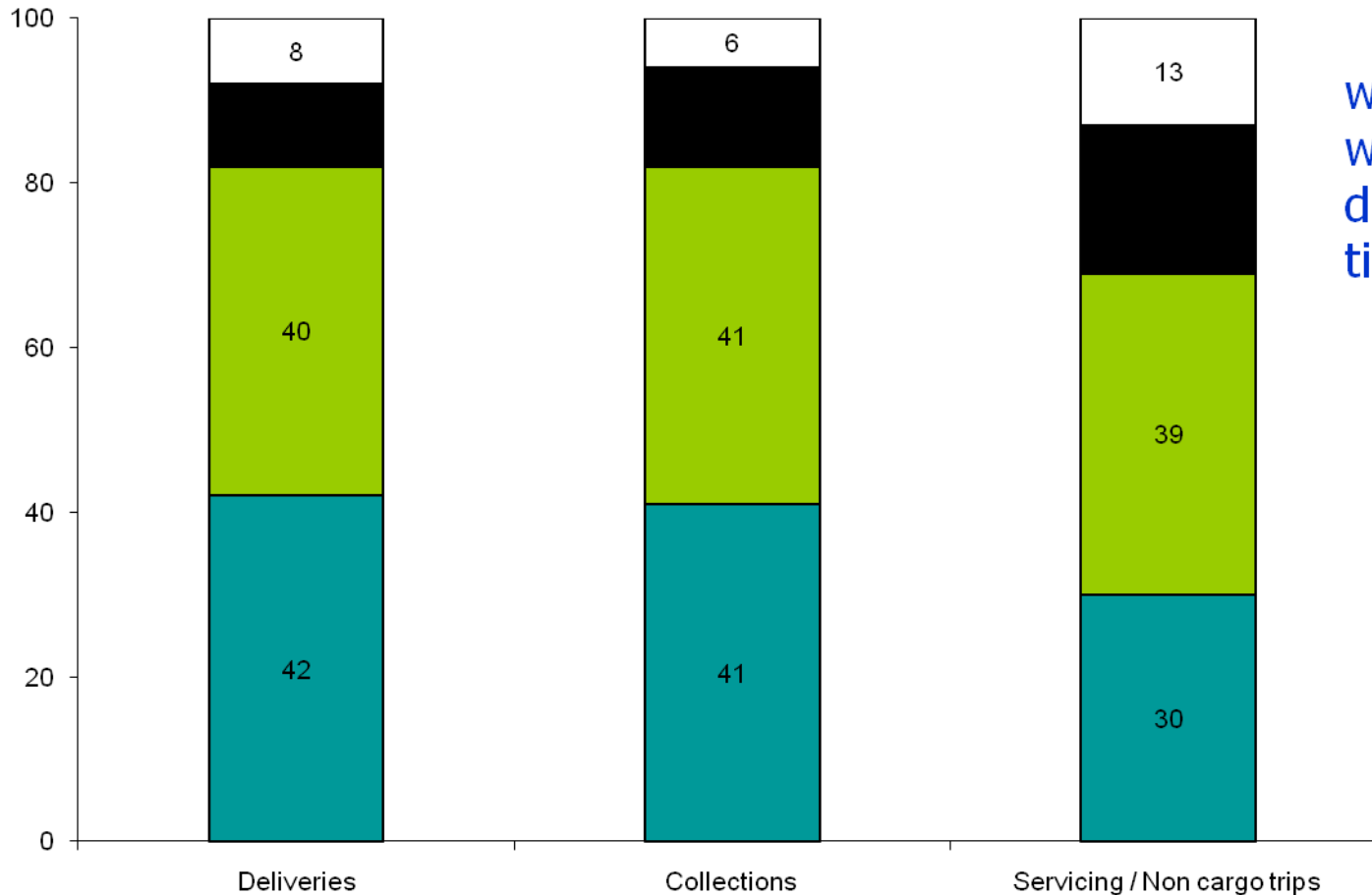
Which of the following vehicles does your fleet consist of?

Base: 343

The Irish Freight Industry



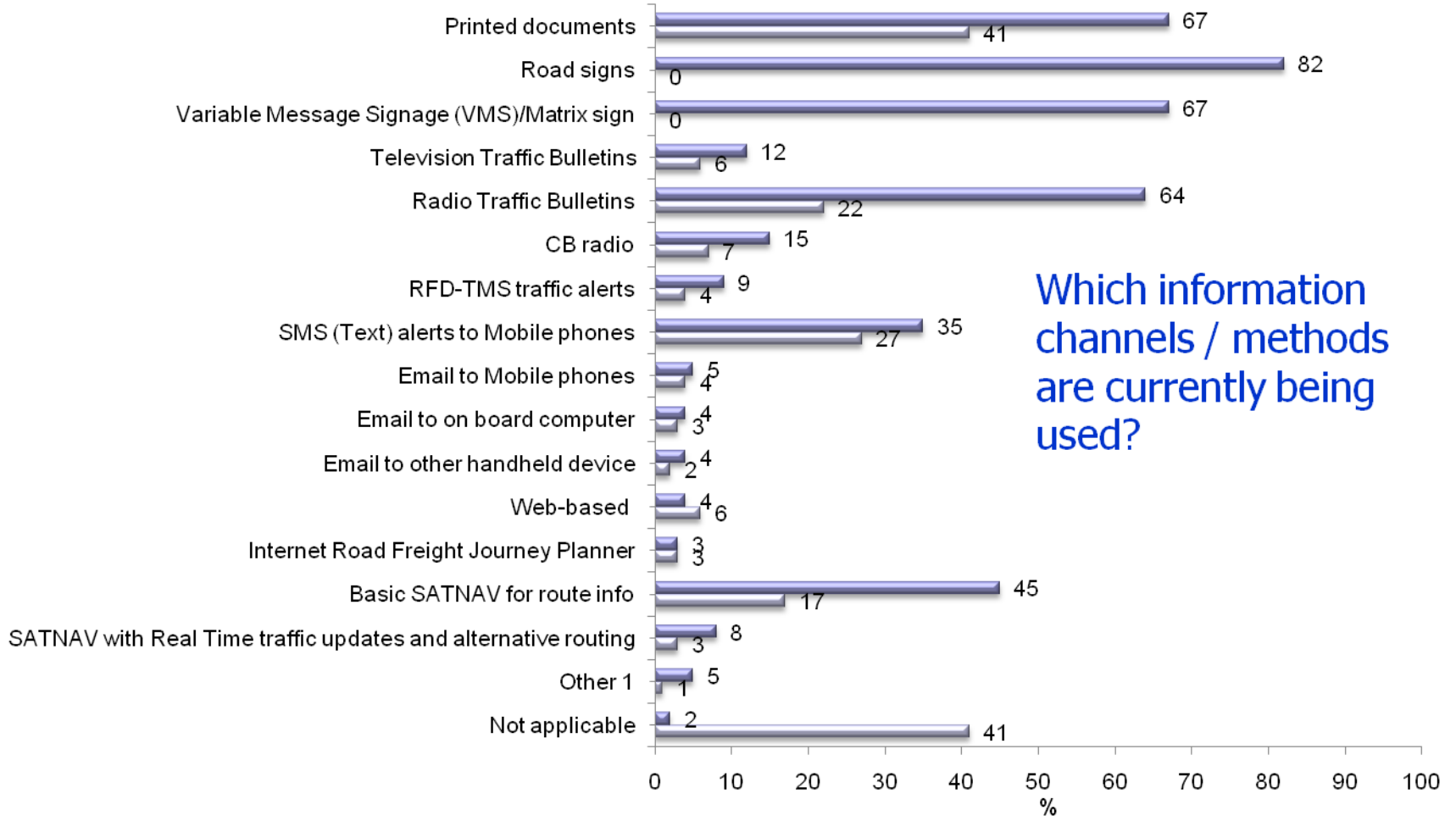
The Irish Freight Industry



what proportion of work is carried out during the following times?

- Off Peak
- Evening Peak
- Interpeak
- Morning Peak

The Irish Freight Industry

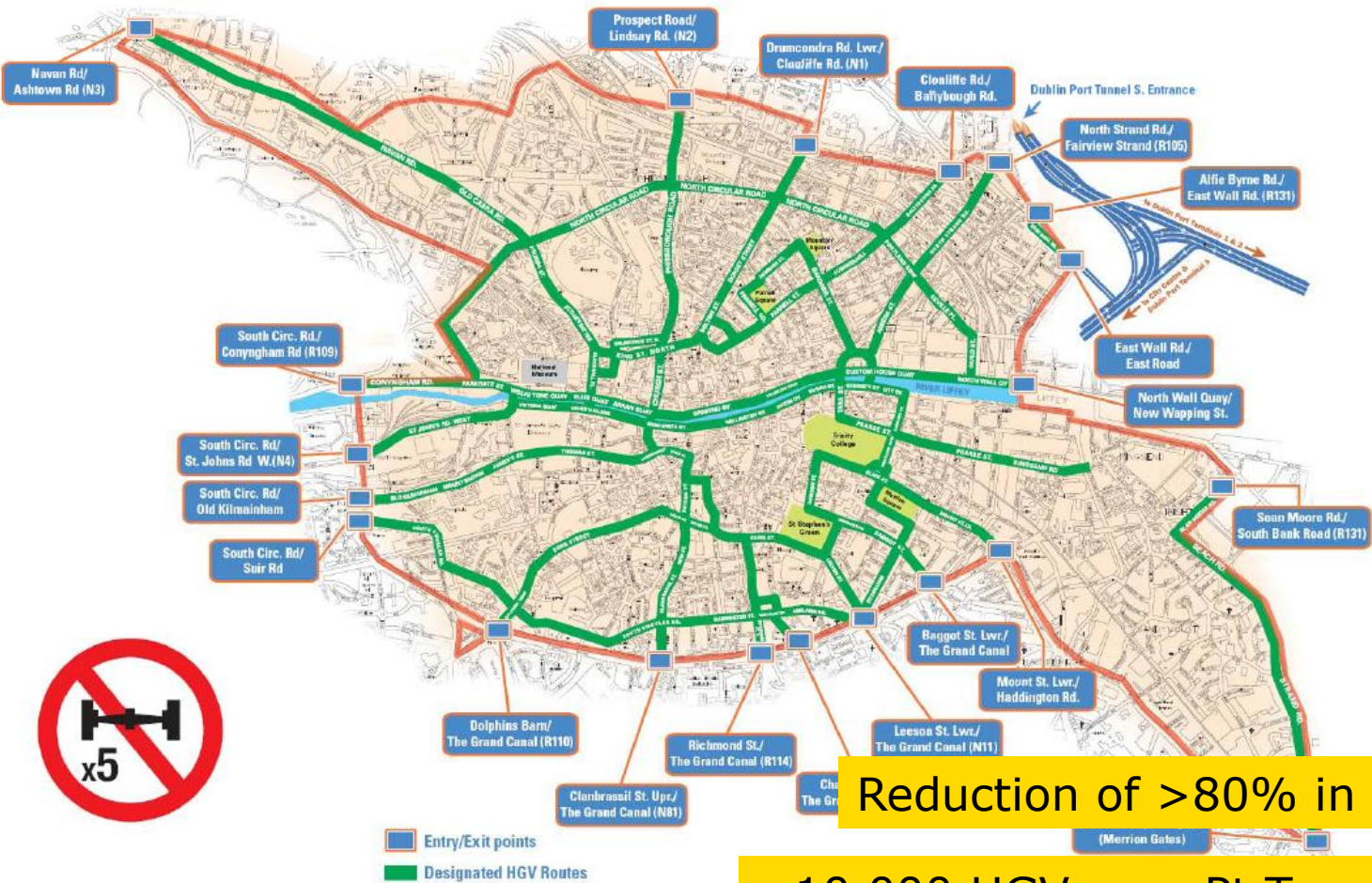


Base: 343



Freight Management in Dublin

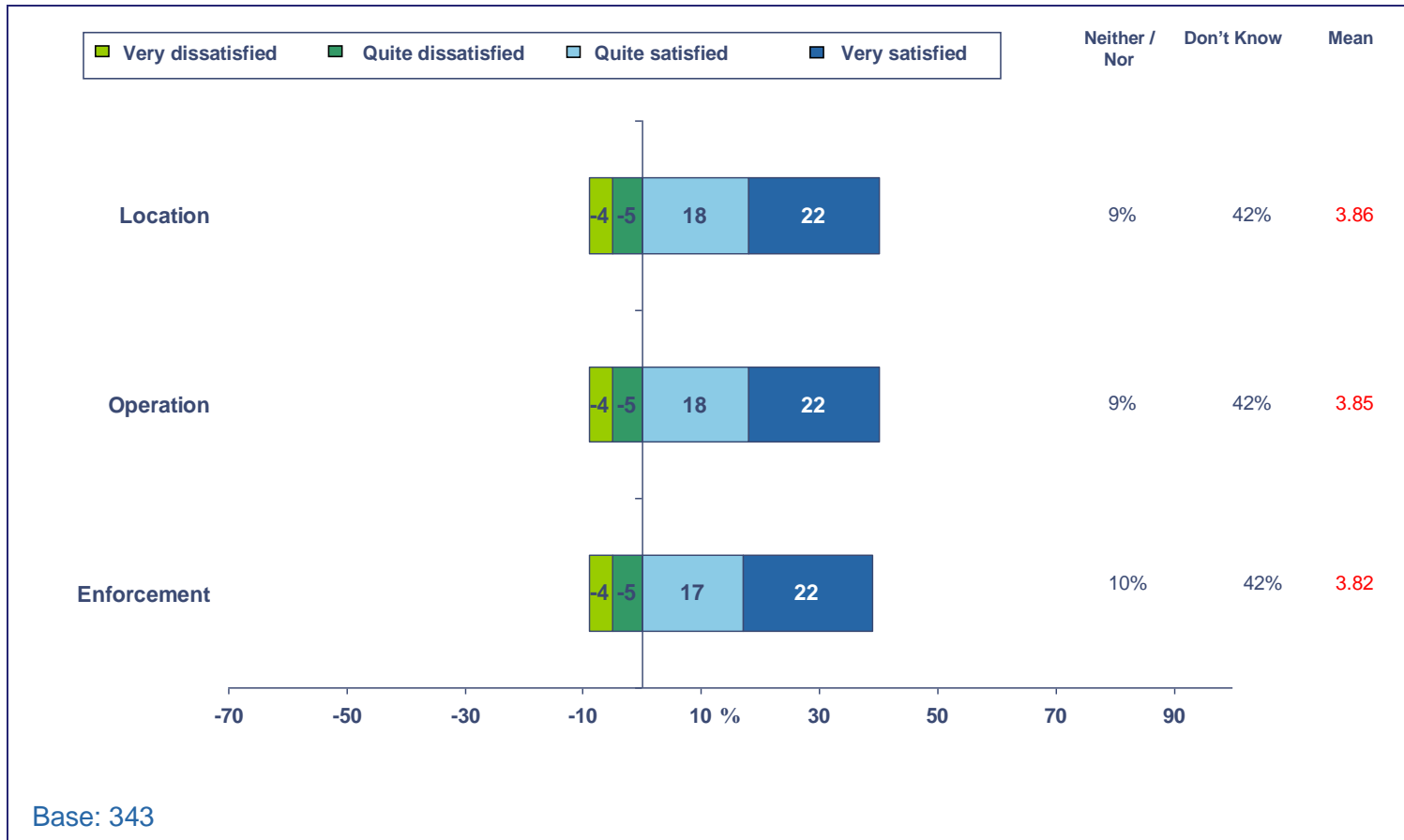
Heavy Goods Vehicles - Cordon Restrictions - Dublin City from 19th February 2007



Reduction of >80% in HGVs in city
 >10,000 HGVs use Pt Tunnel, inc 4 axles

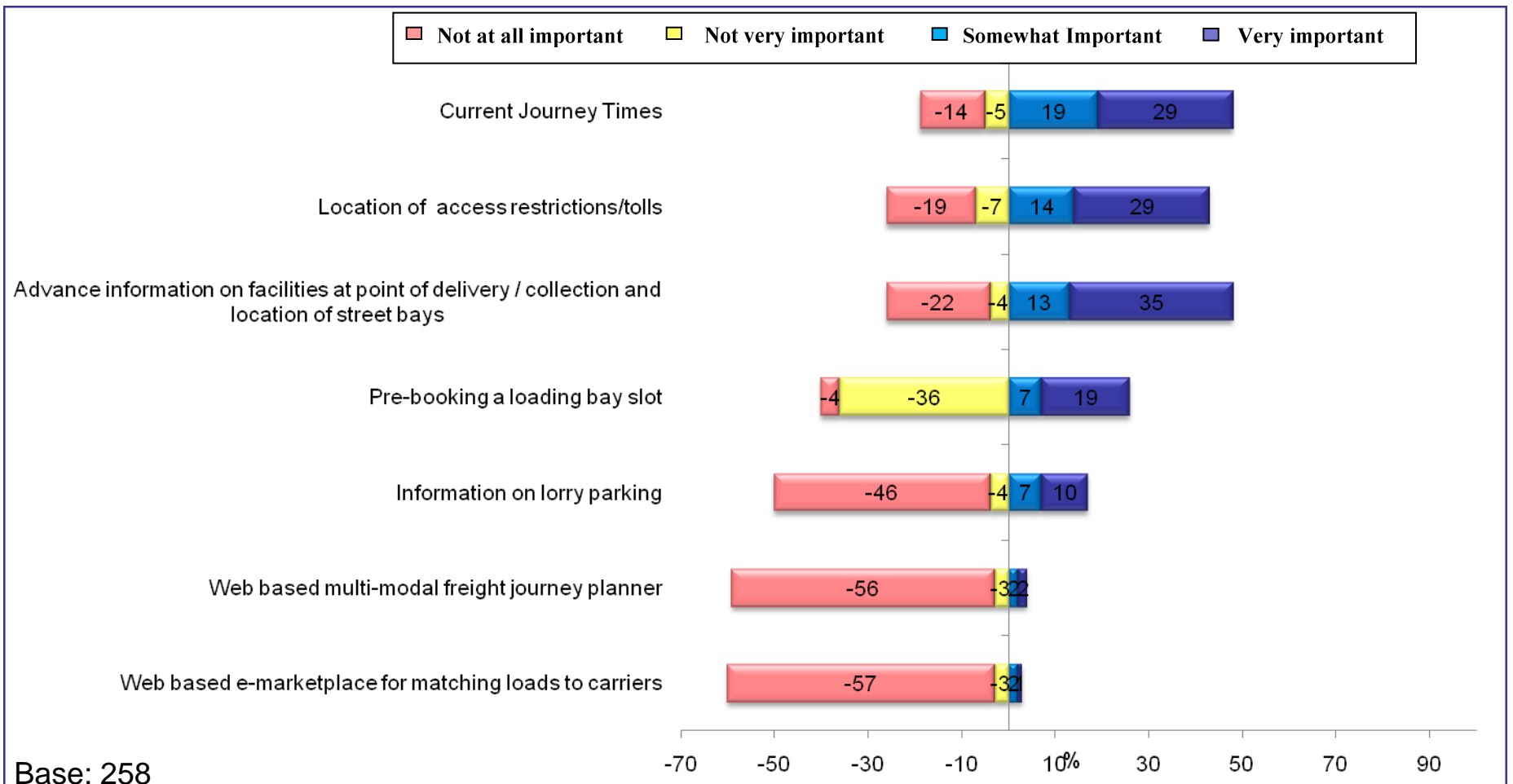
Freight Management in Dublin

5 axle Cordon Ban Satisfaction

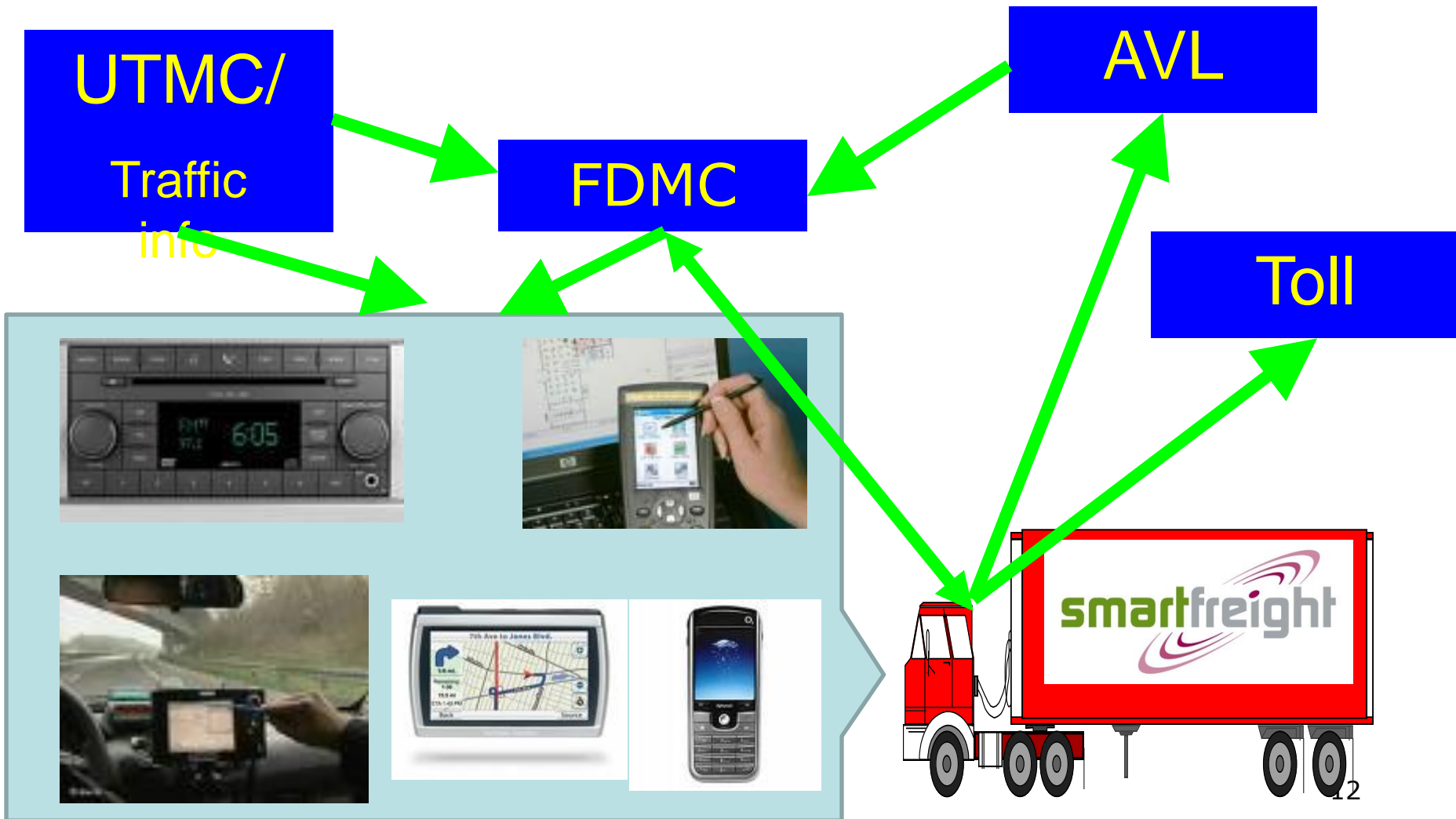


Freight Management & the use of technology

How important is, or would, this information be to your company?



Freight Management & the use of technology



Planning for Freight in Dublin

- Draft NTA Transport Strategy for the Greater Dublin Area (GDA)
- Regional Freight Strategy for the GDA
 - Consultation
 - Baseline Study of Current Patterns,
 - Identification of freight management mechanisms
- Feed into the Dublin City Traffic Management Plan & inform the planning of freight management at the local level



Dublin Cargo Bike

Conclusions

- The industry has the potential to improve the level of efficiency of current work practices
- The industry can, and has, embraced improved freight management.
- Technology should be seen as an aid to improving efficiency, but not a requirement
- The management of freight in Dublin will change, and key to improving efficiency is developing a balance between the needs of the freight industry and the other functions of the city.

Thank You

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