



London Boroughs Consolidation Centre

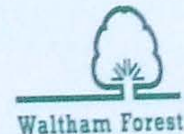
TFL Emissions Workshop
Nigel Symonds – Logistics Project Manager
London Borough of Camden
May 15



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Agenda – Emissions Workshop

1. Why are we doing this?
2. Solution Overview
3. Results to date
4. What other measures can we take to reduce road trips?
5. Key Challenges
6. New Business Opportunities
7. Transferability
8. Comments and questions

Why are we doing this?

Financially due to cuts in Central Gov't funding & the opportunity to negotiate supply chain discounts



Environmental and **Transport** policies are supported by the scheme as it seeks to reduce the negative impacts of road freight

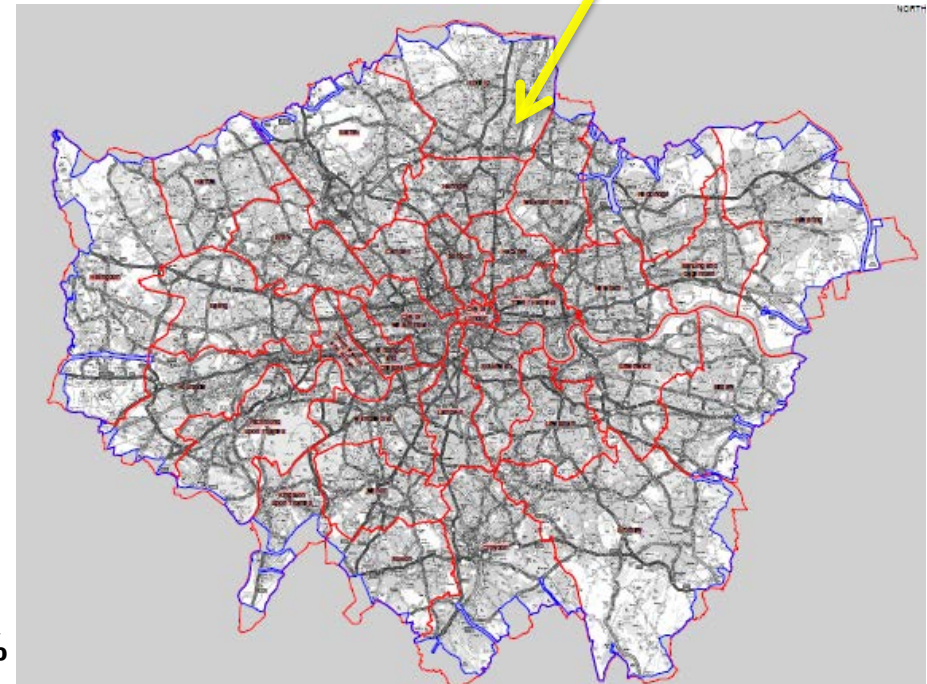
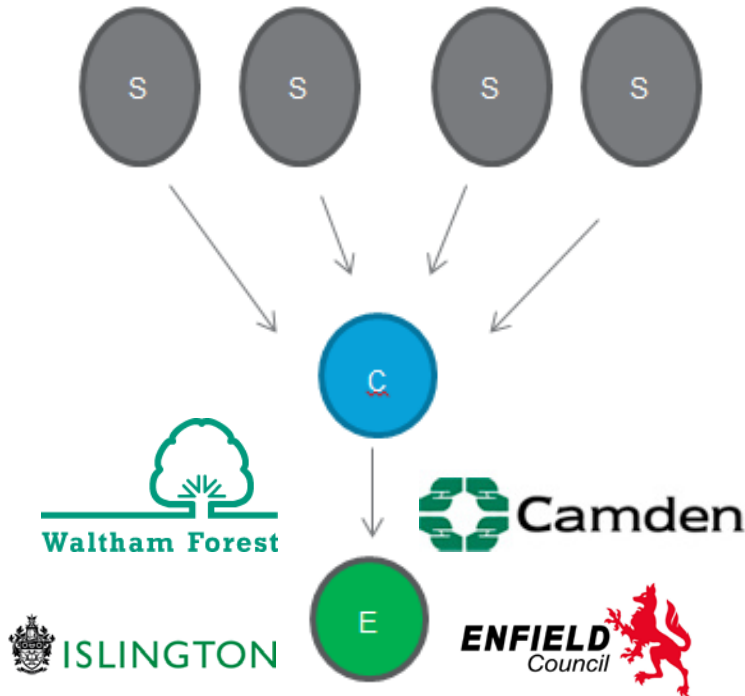
Operationally it makes sense for London Boroughs to take more control over the supply chain for its own goods



Socio-economic factors contained within "The Camden Plan" which sets out to improve the Borough for residents and businesses

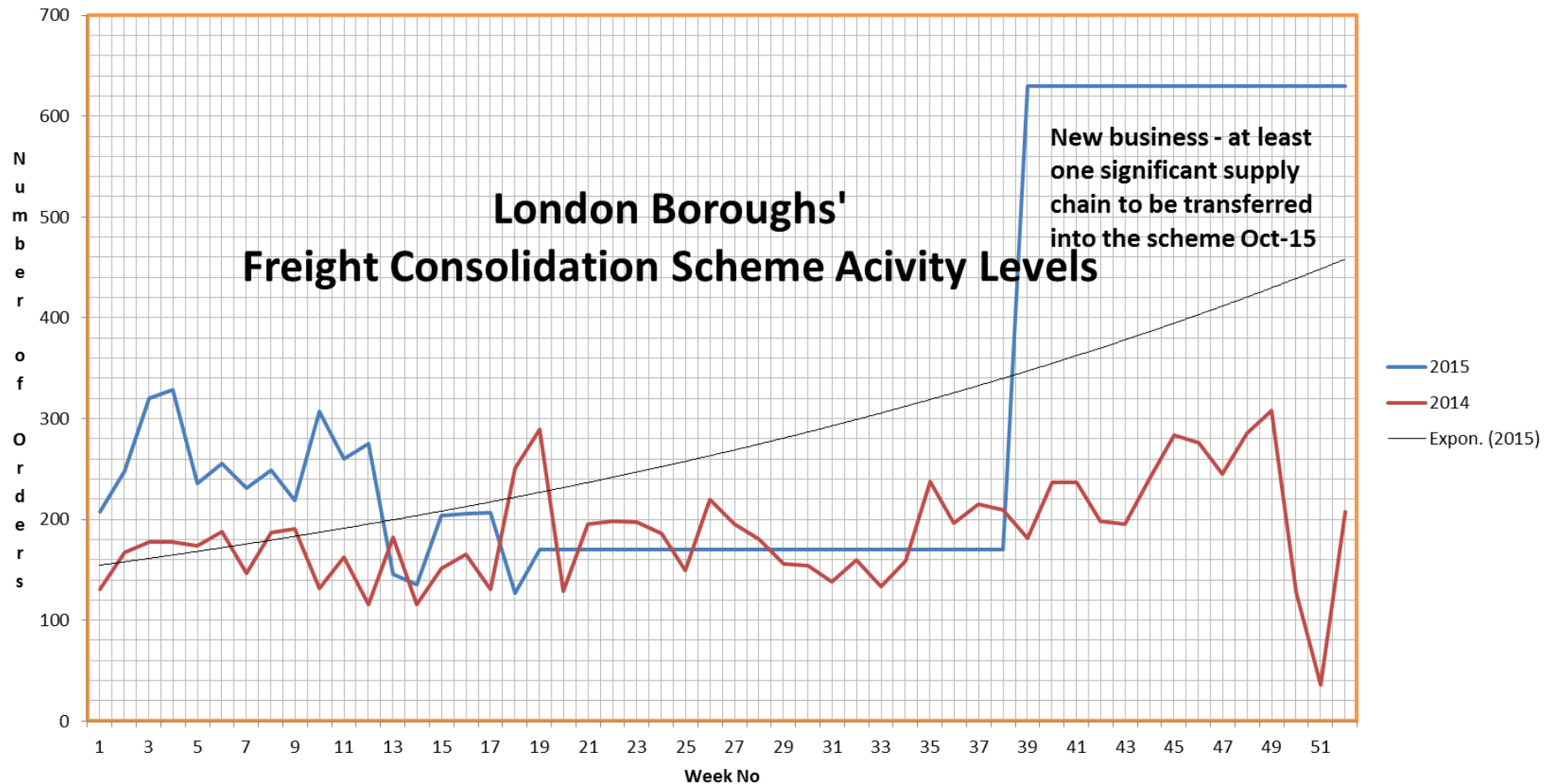
Solution Overview

The Consolidation Model



- ✓ 4 Boroughs, 10% of London's geography
- ✓ 127 suppliers/couriers using the service
- ✓ 314 separate addresses served so far
- ✓ Incidence of a 'consolidated delivery' occurs on 30% of visits
- ✓ 40% reduction in delivery days
- ✓ Order values with 1 supplier increased by >30%
- ✓ Supplier discounts achieved so far 5-7.5%

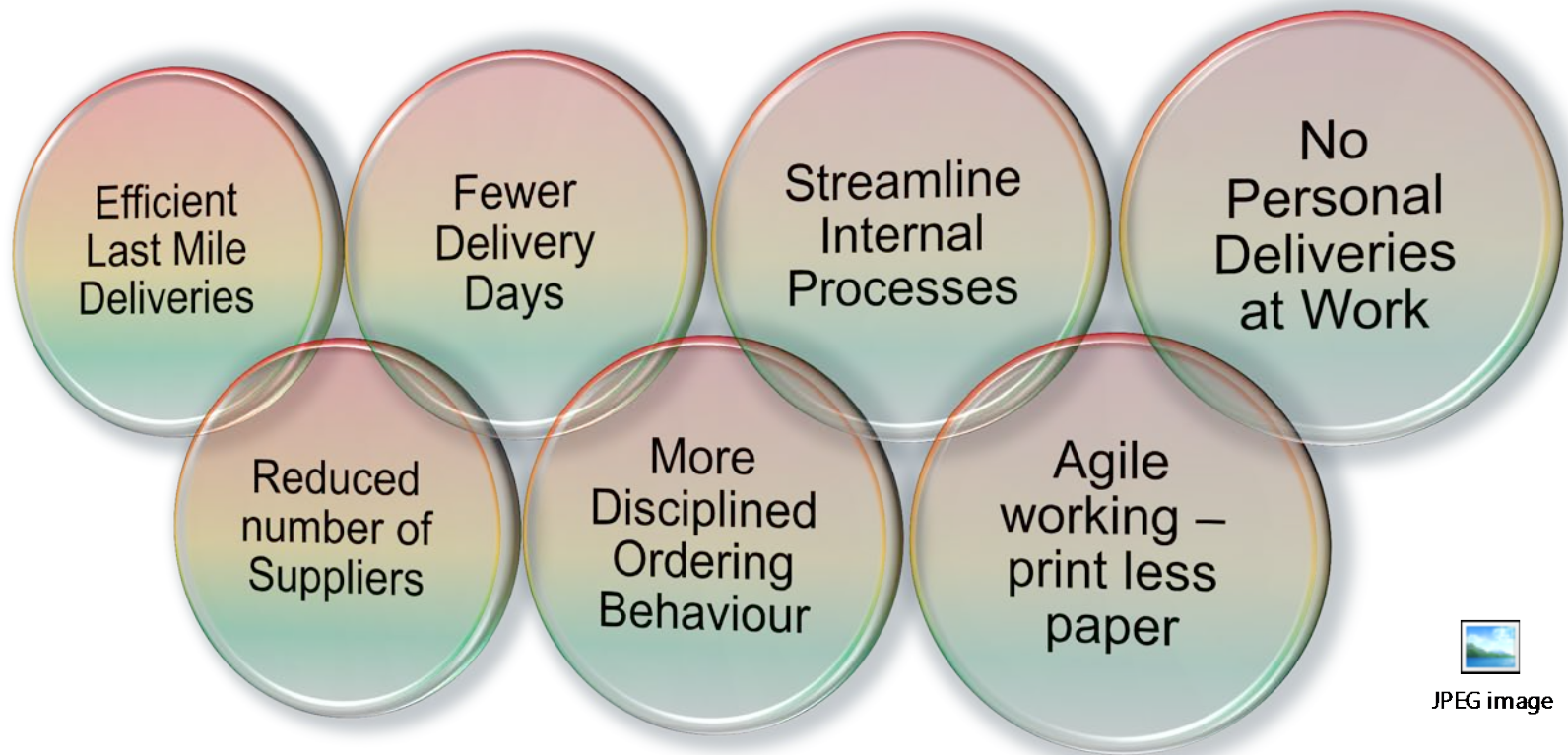
Results – 2015 vs 2014 Activity Levels



Results - Environmental

Summary Emissions Reduction	AVERAGE				
	No of Veh Trips	KM	CO2 (g)	NOX (g)	PM (g)
Pre-Trial Supply Chain Model	64	3139	1650	844	66
Forecast Trial LBCC Supply Chain Model	26	987	612	233	6
Actual LBCC Supply Chain	35	1720	966	413	21
Forecast % Reduction LBCC	59%	69%	63%	72%	90%
Actual % Reduction LBCC	46%	45%	41%	51%	69%

What other measures can we take to reduce vehicle trips?



JPEG image

Key Challenges

Financial

- The perceived additional costs of sourcing zero emission vehicles in times of government cuts
- Lack of visibility in contract prices, with delivery costs often hidden

Technology

- Which is the best zero emissions fuel technology?
- Who is manufacturing zero emission vehicles in the medium and larger van, small truck category?
- Where do I re-fuel my zero emission vehicles?

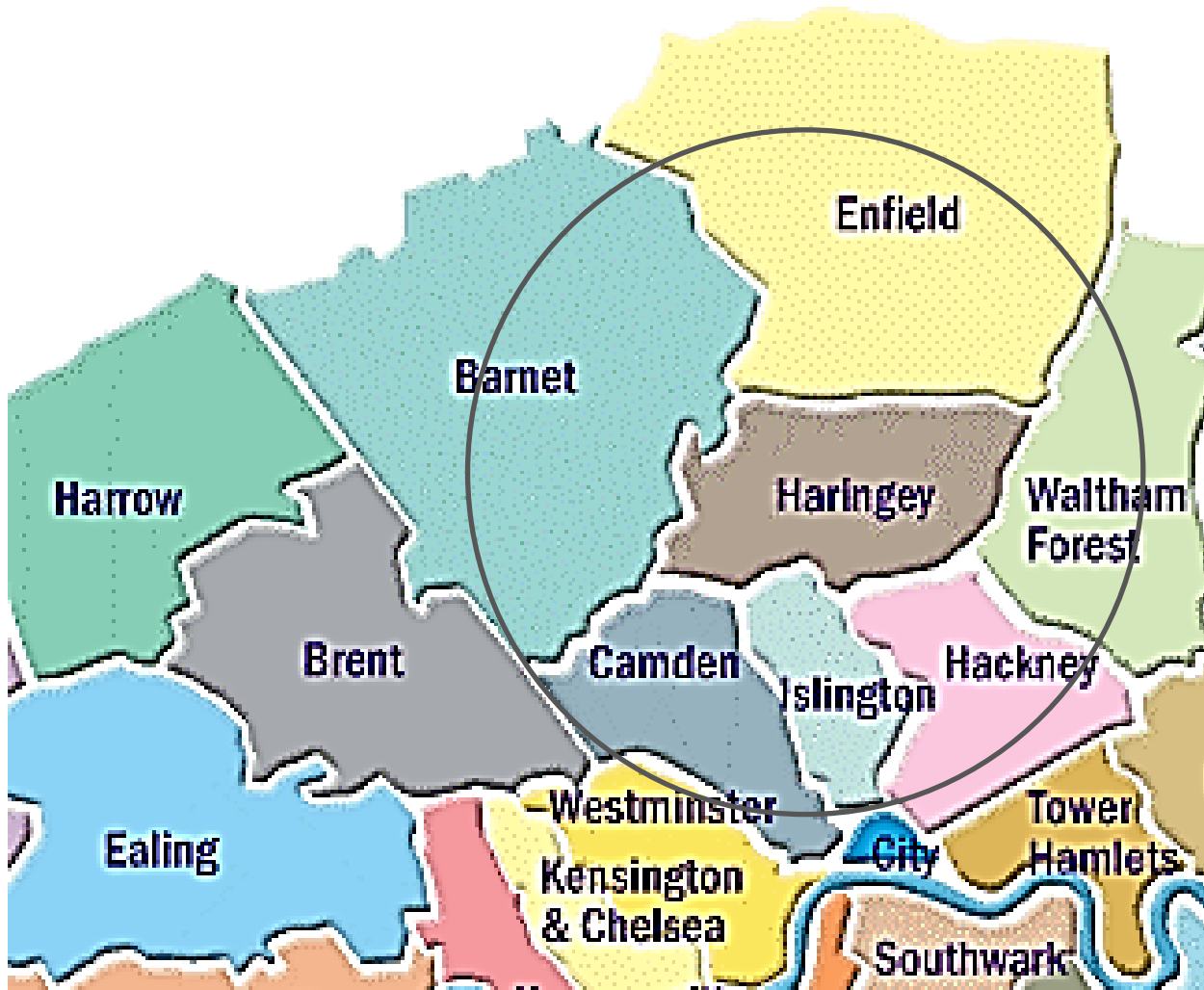
Market

- Conflict between market driven customer service options vs environmental sustainability agenda
- Suppliers often view the use of a freight consolidation centre

Lessons learned

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- Better to start small and build over time
 - Focus on buildings with the highest number of deliveries, or roads with worst air quality, road traffic accidents, unloading issues
 - Try to Influence key decision makers to consider the indirect as well as direct cash benefits
 - 'Green' vehicles are good, 'Less' vehicles are even better
 - Continuous communication with internal stakeholders is key
 - Legal liability for the goods can be clearly defined

New Business Opportunities



Other London

Boroughs

partnership approach

Other public sector
organisations

attract

Public/Private sector

collaboration

Logistics partner

driving volume

Other projects and
programmes

link in

Transferability



Different solutions being tested & evaluated, lessons learned are being shared on the LaMilo website “Knowledge Hub”

Any Comments or Questions?

Nigel Symonds

Logistics Project Manager

London Borough of Camden

Nigel.symonds@camden.gov.uk

T: +44 (0) 207 974 2139

