

APSE Seminar 17 October 2014

Contribution of Vehicle Tracking
to Fleet Management

Philip Thompson

Larne Borough Council

Director of Environmental Services

Overview of Presentation

- Background
- Purpose of System
- Agreement to Introduce
- Purchase of System
- Benefits of System
- Review
- Way Forward

Background

“We’re on the Road to Nowhere”

Purpose of System

- Improving Vehicle Security
- Identifying Stolen Vehicles
- Reducing Spurious Third Party Claims
- Improving Scheduling and Routing
- Improving Fuel Consumption
- Improving Customer Relations
- Reducing Insurance Premiums

Agreement With Unions

- Agreement in January 2011
 - Improving Service Delivery not Monitoring of Staff
- Incidents which triggered alerts
 - Breach of speed limits
 - Travelling off route
 - Accidents
 - Idling
- Specific Monitoring – Restricted

Agreement With Unions

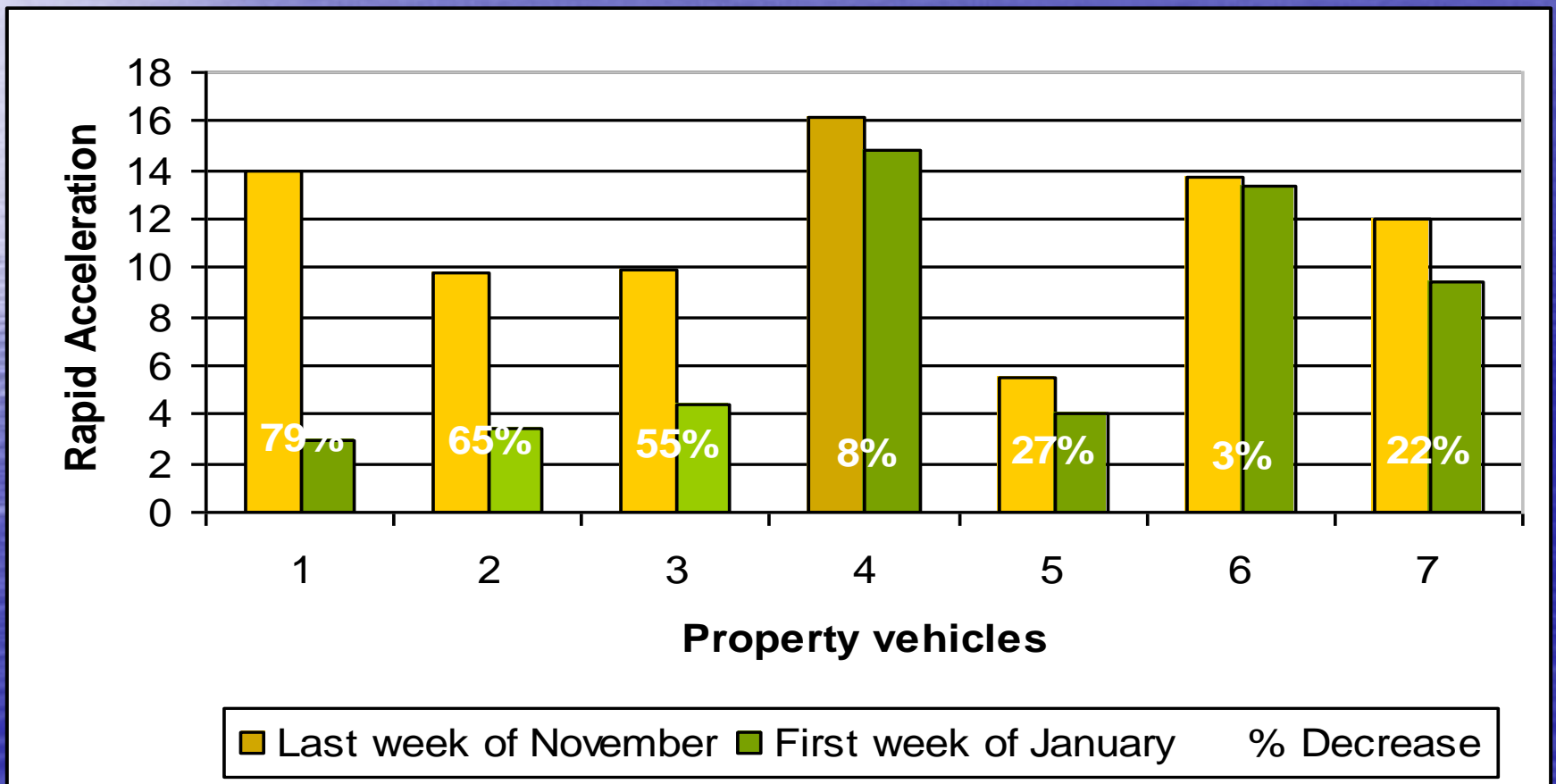
- Initial One Year
- Quarterly Reviews
- Disciplinary Action – system could not be used as final arbiter in whether a disciplinary act has occurred.

Purchase of system

- Coverage/Refresh
- Historical Data
- Driver Performance
- Speed of Installation
- Upgrade, training, back-up
- Reports
- Useability
- References

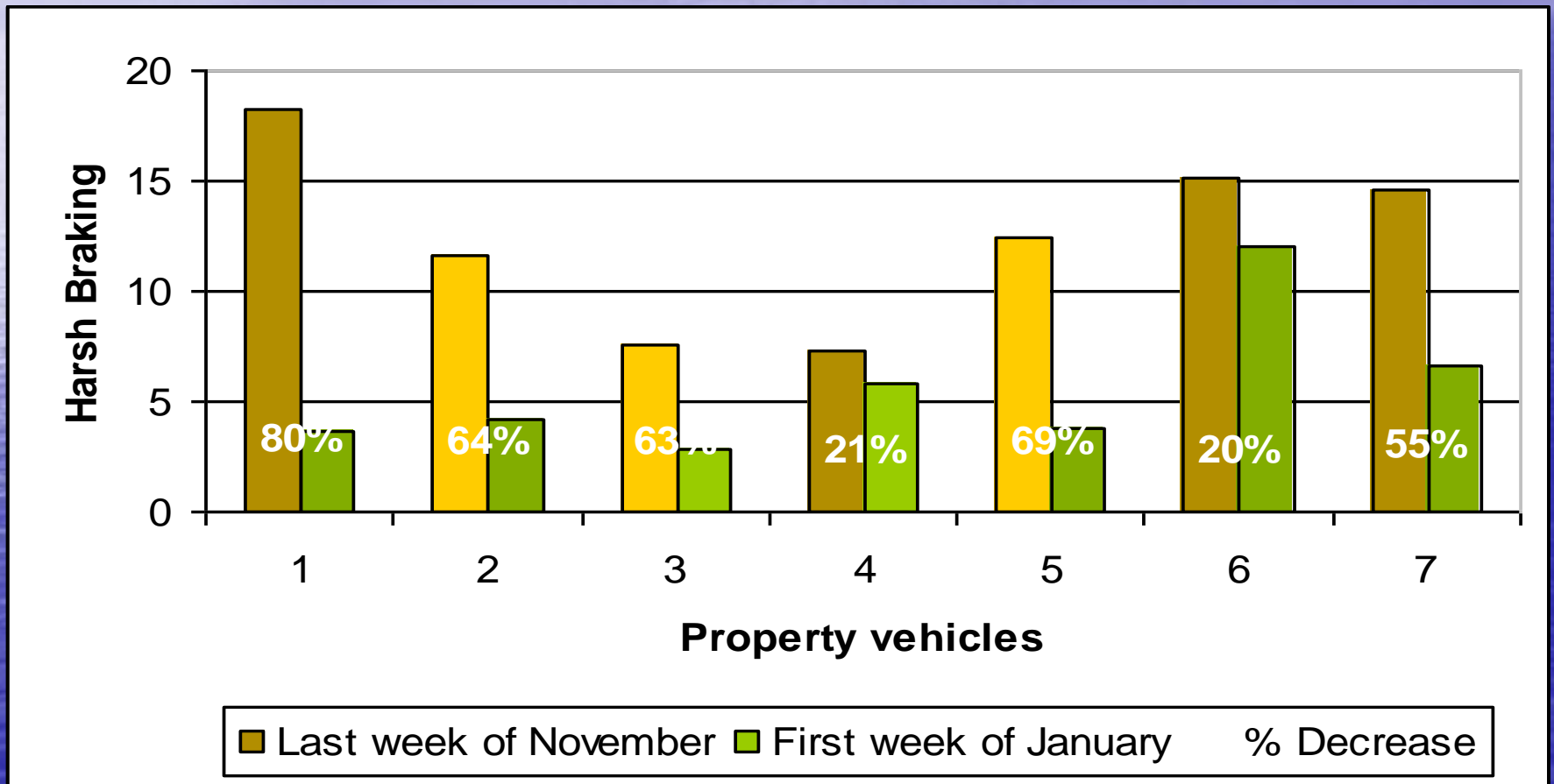
Benefits of System

Rapid Acceleration reduced by 37%



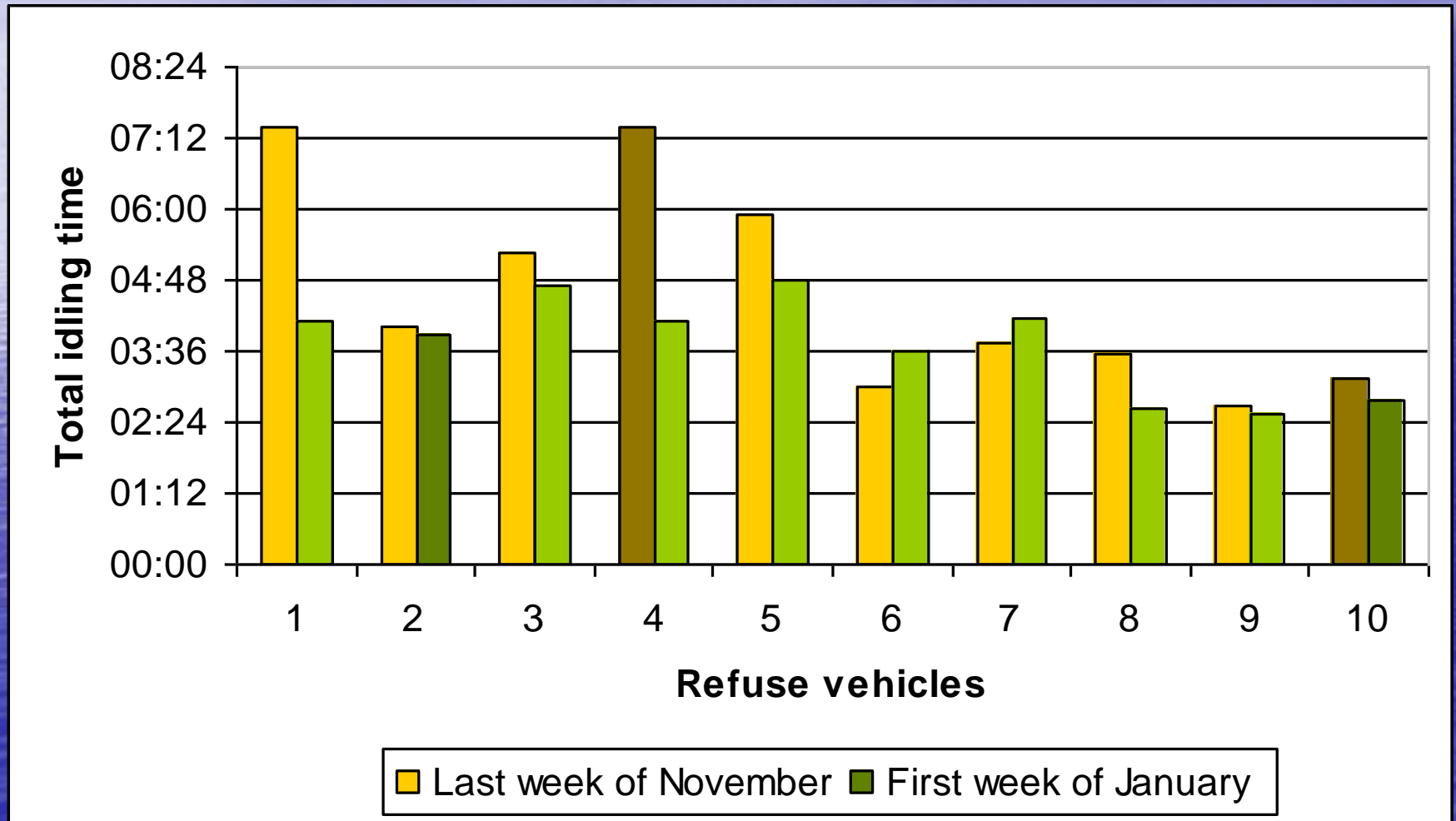
Benefits of System

Harsh Braking Reduced by 53%



Benefits of System

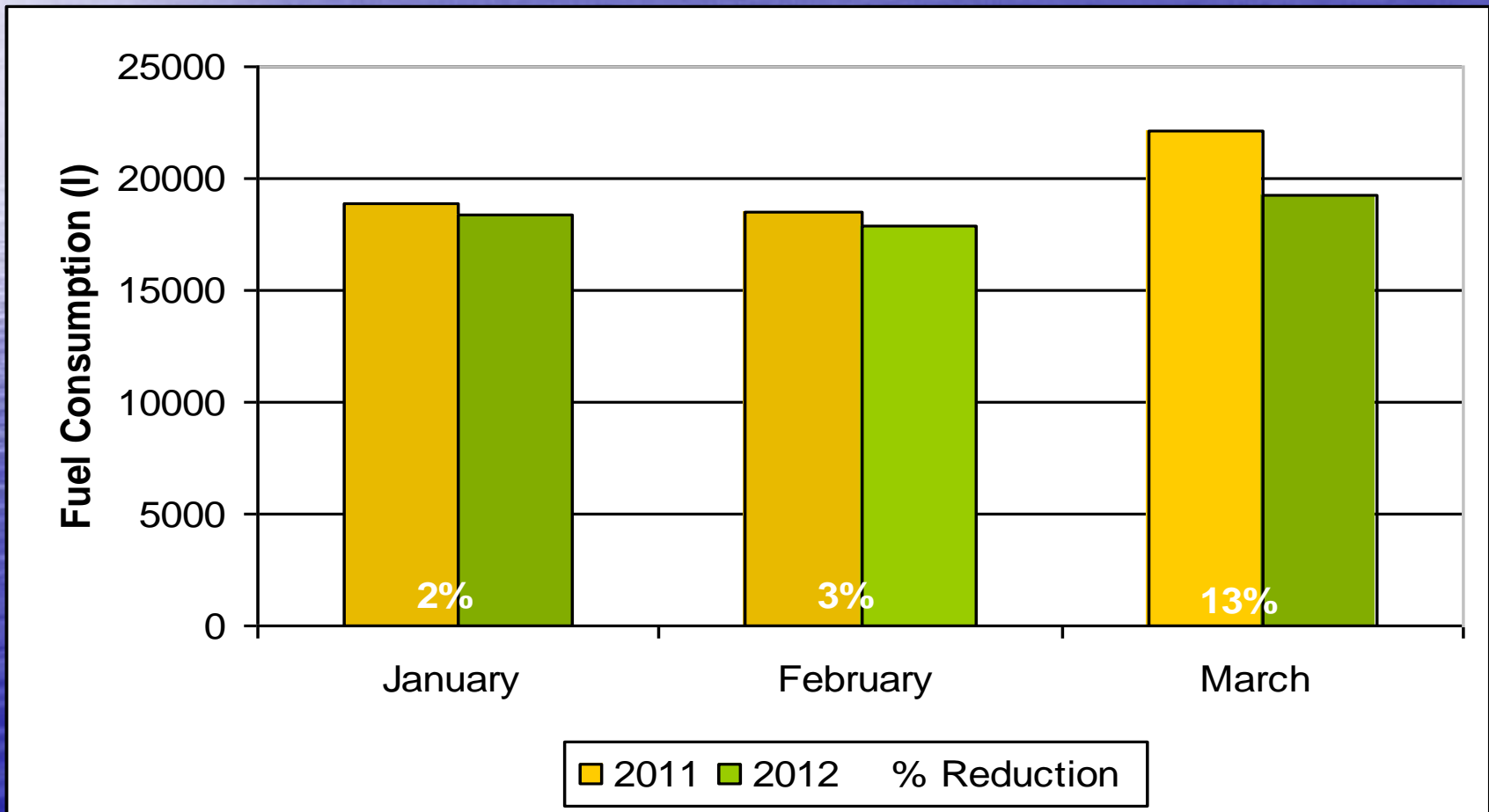
Total Idling Time Reduced by 13%



Benefits of System

Fuel Consumption Reduced by 7%

4000 litres fuel/£4,500, Carbon Footprint 10 T



Benefits of System

Year	Fuel Used Litres	Cost £	Miles Travelled
2011/12	241,054	267,329	458,856
2012/13	199,121	220,826	364,344

Benefits of System

- Fuel Consumption Down 17%
- Equates 42,000 litres
- Equates £46,500
- Carbon Footprint Reduced by 100 Tonnes
- System cost £12,0000 per year
- Additional Benefits around Customer Complaints/Queries, incidents.

Review With Unions

- Summer 2013
- Acceptance that Vehicle Tracking was part of a modern well managed fleet.
- Potential Reward System

Way Forward

- Agreement to extend Throughout Mid and East Antrim
- Economies of Scale
- New tender exercise
- Part of a Performance Management System/Culture

Success

- Sustainable Ireland
 - Finalist in Best Waste Carrier 2013 and 2014
- APSE
 - UK Finalist in 2014 Best Service Team Transport and Fleet