

# Freight Future

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## Welcome to Freight Future.

This is the tenth issue of the newsletter keeping you up-to-date with the Freight Best Practice programme, which is sponsored by the Department for Transport. For those of you who have not yet contacted us – join the growing band of ‘best in class’ fleets and get your FREE guides, case studies, software and support material that will help YOU improve YOUR fleet efficiency.

The Freight Best Practice programme can help you to:

- Reduce fuel use
- Develop staff skills
- Select and use the best equipment and systems
- Measure, monitor and achieve targets for operational performance

Whether you are a driver, manager or director, there is something in the programme for you. So call the Hotline, fill in the faxback form or log on to the website and start receiving your money saving information NOW. Don't forget you can receive regular eNews updates on all the latest releases, events and information – use the website to register or drop us an e-mail with your contact details.

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# FEATURE PRODUCTS

## Equipment and Systems



### Case Study – Smoothing the Flow at TNT Express and Somerfield using Truck Aerodynamic Styling

This case study featuring two companies, TNT and Somerfield, shows how using innovative aerodynamic features within their fleets has resulted in fuel savings.

Over a 10-month trial with aerodynamic kit fitted on both tractor units and semi-trailers, TNT achieved a fuel saving of 15.8%. Somerfield achieved fuel savings of over 7% compared with the average standard double deck trailer by introducing the Fuel Saving Curve (FSC) double deck trailer.

#### Aerodynamics – Calculated Annual Savings Per Vehicle

	TNT	Somerfield
Fuel consumption reduction	15.8%	7.7%
Litres of fuel saved	10,895 litres	5,696 litres
Fuel cost saving	£8,716	£4,557
CO <sub>2</sub> reduction	29,199 kg	15,265 kg

#### Additional non-fuel related benefits of aerodynamic styling:

- Improved stability by reducing sensitivity to side winds
- Reduced build up of road film and dirt
- Reduced spray

For more top tips on truck aerodynamics order your **FREE** copy of the case study now, together with the following guides:

- **Streamlined Guide to Truck Aerodynamic Styling** – an introduction to aerodynamic styling
- **Truck Aerodynamic Styling** – packed full of practical information on aerodynamically effective trucks and appropriate add-on features

### Telematics Guide

Telematics systems – remote devices that can help control and monitor vehicles and drivers – provide the transport industry with the opportunity to improve the management of operations and assets.

Updated and revised to take account of all the latest developments, this new guide will help you understand the range of telematics systems that can be used in your fleet. It takes you through the often complex process of choosing and implementing a system, from identifying needs and requirements, to product and supplier selection, implementation and monitoring the benefits.

Pre-order your **FREE** copy for release in Winter 2006.

#### What's covered in the guide?

- Driver and vehicle data
- Vehicle and trailer tracking systems
- Paperless manifest and proof of delivery
- Traffic information systems
- Satellite navigation systems
- Security and safety systems
- Selection and implementation

Call the order Hotline on **0845 877 0 877**, download from **www.freight**

## Performance Management



### Key Performance Indicators for the Builders' Merchants Sector

This guide details the results and recommended efficiency actions following the benchmarking survey undertaken by Freight Best Practice across the builders' merchants sector in March 2006.

In a joint initiative with the Construction Products Association and the Builders Merchants Federation, 35 depots from eight merchants took part in the 48 hour synchronised survey. Collectively, during the audit period, participants delivered products to the value of nearly £750,000. Some 34,000 km were run over 480 trips and nearly 2,000 deliveries made.

The survey findings conclude:

- Variances in fuel use across depots is significant. Companies can implement company wide fuel management programmes
- Pre-loading of vehicles is not universally practised and can increase productive running on the road time
- Local delivery conditions often limit vehicle size/payload, but some depots can improve productivity by specifying higher payload vehicles
- Encouraging customers to accept later deliveries can help maximise vehicle utilisation and reduce costs

#### Builders' Merchants Survey KPIs

- Number of runs per day
- Kilometres per drop
- Number of drops per run
- Number of drops per day
- Value per drop
- Fuel consumption
- Fuel used per drop
- Cost per drop
- Percentage of 'constrained' loads
- Deviations from schedule
- Time utilisation

If you want to establish best in class performance in your builders' merchant fleet, or you are interested in setting up your own internal benchmarking systems, pre-order your **FREE** copy for release in Winter 2006.

### Benchmarking Developments

Following the success of the Fleet Performance Management Tool software and guide, we think it would be a great idea to allow operators to compare their performance against other similar fleet operations. As well as a one off survey of users of the software, we are about to undertake a trial of a web based benchmarking system. Users of the Fleet Performance Management Tool will be able to use the system and we are also contacting commercial providers of fleet management systems with a view to giving as many companies as possible the opportunity to benchmark their fleet against others.

As with all Freight Best Practice benchmarking studies confidentiality of companies' data is guaranteed and all information is presented in an anonymous format.

If you think you might be interested then drop us an e-mail at [info@freightbestpractice.org.uk](mailto:info@freightbestpractice.org.uk)

## Saving Fuel



### Save It! DVD

**Save It!** Two 25 minute programmes packed full of fuel saving advice. Updated and now available on one DVD.

#### → The Road to Fuel Efficiency

Gives practical tips on fuel saving techniques and covers efficient driving, vehicle maintenance and specification

#### → Champions of Fuel

Introduces the Fuel Management Guide and Fleet Performance Management Tool, describes the role of the fuel champion and provides advice on safe and fuel efficient driving techniques

### Recent Releases

Have you ordered your copies of the following recently released publications and software? Get them NOW from the Hotline or download them from the website.

- Information Technology for Efficient Road Freight Operations
- Key Performance Indicators for the Next Day Parcel Delivery Sector
- Performance Management for Efficient Road Freight Operations
- Fleet Performance Management Tool

# The full range of money-saving information is here...

## Saving Fuel



### Fuel Management Guide – New and Updated

The new and updated guide gives step-by-step explanations of the key elements of fuel management and how to implement an effective programme and measure performance. Key reference document for fleet managers with different levels of experience and knowledge.

### Pocket Guide Fuel Saving Tips

Top tips from fellow professionals, aimed in particular at small fleet operators and owner drivers.

### Save It! DVD

Two 25 minute programmes for truck operators and drivers.

### – The Road to Fuel Efficiency

Practical tips and advice on efficient driving, vehicle maintenance and specification.

### – Champions of Fuel

The role of fuel champions, fuel monitoring, safe and economical driving techniques.

### Fuel Saving Devices

Practical impartial tips to help operators objectively assess the fuel saving claims made for the numerous products on the market.

### Case Study Fuel Management for Transport Operators

Describes significant fuel savings achieved by Thorntons plc through the use of in-cab data logging equipment.

### Case Study BOC Ltd Fuel Champion Saves Equivalent of 50 Trailer Loads of Carbon Dioxide a Year

How BOC have reduced their fleet energy and exhaust emissions through driver training, fitting aerodynamic kits and optimising bulk storage.

## Developing Skills



### SAFED for HGVs: A Guide to Safe and Fuel Efficient Driving for HGVs

This guide outlines the elements of the Safe and Fuel Efficient Driving (SAFED) scheme and explains the content of the one-day SAFED training course.

### Case Study Companies and Drivers Benefit from SAFED for HGVs: A Selection of Case Studies

This selection of case studies describes the benefits experienced by 15 companies and their drivers who have taken part in the SAFED scheme. It provides direction on ways to sustain the benefits achieved under SAFED in the long term.

### Pocket Guide Safe Driving Tips

Written especially for lorry drivers this pocket sized guide provides essential safety hints and tips on all aspects of the job.

### Case Study Proactive Driver Performance Management

Shows how Thornton's implemented a highly effective driver incentive scheme combining in-cab driver monitoring, service delivery levels and accident rates.

### SAFED for Vans: A Guide to Safe and Fuel Efficient Driving for Vans

This guide outlines the elements of the Safe and Fuel Efficient Driving (SAFED) scheme and explains the content of the one-day SAFED training course for vans.

## Equipment & Systems



### Truck Specification for Best Operational Efficiency

A step-by-step guide to the process of correctly specifying an efficient and 'fit for purpose vehicle'.

### Telematics Guide – New and Updated

Provides information on the basic ingredients of telematics systems, highlights how to use this technology, the information obtained from it and how to select the right system for you.

### Computerised Vehicle Routing and Scheduling for Efficient Logistics

New and updated guide describing the different types of systems available with hints and tips on how to choose and implement a CVRS system.

### Concise Guide to Computerised Vehicle Routing and Scheduling

This guide shows the latest routing and scheduling software developments.

### Truck Aerodynamic Styling

Practical information on aerodynamically effective trucks and appropriate add-on features.

### Streamlined Guide to Truck Aerodynamic Styling

An introduction to aerodynamic styling.

### Case Study Smoothing the Flow at TNT Express and Somerfield using Truck Aerodynamic Styling

How innovative aerodynamics save money for these companies.

### Case Study Focus on Double Decks

An outline demonstration of the efficiency benefits gained by Focus DIY in trialling double deck trailer operations.

### Case Study Save Fuel with Lower Rolling Resistance Tyres

Explains how different companies have performed in-use trials and track tests to evaluate the benefits of energy efficient tyres.

### Case Study Testing Time for Trucks

Outline results of four technical evaluations – energy efficient tyres, effects of air conditioning, open windows and sheeting tipper bodies.

### Buyers' Guide to Refrigerated Transport Equipment

Explores the different systems available and their suitability for particular operations.

### Case Study Making the Swap to Demountables

Describes different body systems and the benefits from using demountables.

### Information Technology for Efficient Road Freight Operations

Overview of the relevant systems within the industry, covering their individual uses, likely benefits, issues to consider and associated costs.



Call the order Hotline on **0845 877 0 877**, download from **www.freight**

# ...select your choice and call, download or faxback

## Operational Efficiency



### Make Back-loading Work for You

A guide showing how to find and choose profitable backloads.

### Working Together to Improve Operational Efficiency of RDCs

Best practice examples in action, showing how RDC operators and their partners can improve efficiency, meet customer service obligations and minimise environmental impact.

### Case Study Keeping Profit on Track with Wheel Alignment

Featuring Kidds Transport and SRL Distribution, it shows how much can be saved by implementing a regular wheel alignment programme including increased fuel savings and extended tyre life.

### Case Study Expert Advice Helps Cut Fleet Costs

Savings achieved by Denholm Industrial Services Ltd as a result of the measures implemented as part of the site specific action plan developed with help from an advisor from the Fuel Economy Advisors (FEA) scheme.

### Case Study Jaguar Sprints Forward

Jaguar cars reduce their stockholding, waiting time and other cost savings by using a new logistics system.

### Case Study Heathrow Airport Retail Consolidation Centre

Explains how consolidated deliveries to Heathrow Airport reduce lorry congestion and improve air quality.

### Case Study Consolidate and Save

The benefits of groupage operations using the Tankshare scheme as a case study example.

### Case Study Home Delivery: Meeting the Needs of Customers and the Environment

Describes a trial performed in Nottingham by Royal Mail Group plc that offers an innovative, environmentally friendly solution to address the problem of failed deliveries.

### Case Study Profit Through Partnership

How joining forces to form a haulage consortium allows small and medium businesses to pool their resources and strengths in order to win and manage larger and more lucrative logistics contracts.

### Case Study Reducing the Environmental Impact of Distribution: Transco National Logistics

How Transco reduced costs, mileage and CO<sub>2</sub> emissions with alternative fuels, stepframe trailers and improved vehicle routing.

## Performance Management



### Fleet Performance Management Tool

This new and updated PC based spreadsheet tool is essential for fleet operators to help manage the most important aspects of running a fleet – costs, vehicle utilisation, service levels, legal compliance and maintenance.

### Performance Management for Efficient Road Freight Operations

This guide explains the process of measuring performance effectively, including advice on how data is best collected and used to measure performance on a continuing basis.

### Introduction to Job Costing for Freight Operators

How to understand the true cost of your operation down to individual vehicles in the fleet. Cost it right and stay in business!

### In Fleet Trials of Fuel Saving Interventions for Trucks

For managers investigating the use of fuel saving interventions or setting up their own in-fleet trials. This guide shows how to establish the potential performance of fuel saving devices in your fleet.

### Key Performance Indicators for the Next Day Parcel Delivery Sector

Measuring of KPIs and analysis of benchmarking in this sector.

### Key Performance Indicators for Non-Food Distribution

Measurement of KPIs and analysis of benchmarking in this sector.

### Key Performance Indicators for the Food Supply Chain

Measurement of KPIs and analysis of benchmarking in this sector.

### Key Performance Indicators for the Pallet Sector

A benchmarking guide to help pallet network operators understand their fleet needs and identify real opportunities to maximise transport efficiency.

### Key Performance Indicators for the Builders' Merchants Sector

KPI survey and results identifying potential efficiency improvements for this sector.

### Case Study Small Fleet Performance Management Tool Helps A1 Paper Improve Efficiency

Shows how, in conjunction with the Fuel Management Guide and SAFED driver development, A1 Paper has made use of the tool's monitoring capabilities.

## Public Sector



### Efficient Public Sector Fleet Operations

Baseline information on understanding, designing, and running public sector fleets. Case studies show performance measurement and benchmarking best practice.

### Freight Quality Partnership Guide

This Guide, which is aimed at those involved in setting up and running Freight Quality Partnerships, provides step-by-step guidance on how to set up and run an effective Freight Quality Partnership.

### Freight Quality Partnerships Case Studies

Case study examples of existing Freight Quality Partnerships, it illustrates the process of establishing an FQP and highlights some of the solutions that different FQPs are looking at.

### Local Authority Freight Management Guide

Guidance on freight related traffic management measures and freight strategies.

## Safe and Fuel Efficient Driver Training to Save You Money

Do you want to improve your MPG and save £££'s? Read on to find out more about the different Safe and Fuel Efficient Driving schemes (SAFED) and how they can help your business.

### Free\* SAFED for Van Drivers

In January 2006, the DfT announced £1.3m funding to train 200 instructors and 3,500 van drivers following a successful pilot project. It showed that a typical driver doing 20,000 miles a year could:

- Save up to £500 per vehicle
- Reduce carbon emissions by over ¼ tonne
- Reduce fuel consumption by around 10% per vehicle

A further £1.2m of funding was announced recently to train an additional 100 instructors and 4,000 drivers until March 2007.

Contact SAFED Vans for further information:

**Telephone:** 0870 190 8440  
**Website:** [www.safed.org.uk](http://www.safed.org.uk) (click on 'Vans')  
**Email:** [vans@safed.org.uk](mailto:vans@safed.org.uk)

### Free\* SAFED for Aggregates HGV Drivers

Following the success of the initial SAFED programme, the DfT in conjunction with the Department for Food and Rural Affairs (DEFRA) decided to fund driver training in the aggregates transport industries until March 2007. The initial programme showed that a typical driver doing 20,000 miles per year could:

- Save up to £2,000 per vehicle
- Save up to 10% fuel per vehicle
- Reduce carbon emissions by 10% per vehicle

David John Amor, a young driver from Don Bush Haulage in Poole, Dorset, undertook the one-day course in March 2006 in his 26 tonne tipper. He improved his MPG by a staggering 24% and reduced his number of gear changes by 67%.

Contact SAFED Aggregates for more information:

**Freephone:** 0800 783 7434  
**Website:** [www.safed.org.uk](http://www.safed.org.uk) (click on 'Aggregates')  
**Email:** [info@SafedAggregates.org.uk](mailto:info@SafedAggregates.org.uk)  
**Fax:** 01737 768979

\* There may be a small charge for drivers from large companies

### SAFED for HGV Drivers

Although Government funding for the SAFED scheme for the training of HGV drivers and instructors is no longer available, commercial training from SAFED qualified instructors is still available. The benefits are the same as listed above for Aggregates HGV Drivers. The benefits in fuel savings and reduction in gear changes far outweigh the cost of the actual training and an average driver should make up the costs within a matter of months.

To find an instructor to carry out driver training contact:

<b>Simon Management</b>	<b>Momenta</b>
<b>Freephone:</b> 0800 783 7434	<b>Telephone:</b> 0870 190 8440
<b>Website:</b> <a href="http://www.FuelChamp.co.uk">www.FuelChamp.co.uk</a>	<b>Website:</b> <a href="http://www.safed.org.uk">www.safed.org.uk</a> and click on 'SAFED'
<b>Email:</b> <a href="mailto:info@FuelChamp.co.uk">info@FuelChamp.co.uk</a>	

To obtain information on how to become a qualified instructor contact Simon Management.

### Fuel Efficiency Review (FER)

Until March 2007, the Government will fund fuel efficiency advisors to help aggregate transport operators review their operation and identify an action plan detailing ways to improve the efficiency of their business.

Each operator is provided with a practical action plan indicating priorities, estimated costs and estimated benefits. These typically identify potential cost savings of over 10% mainly from reduced fuel consumption and improved fleet efficiency.

To encourage commitment to the process a refundable deposit of £150 will be required, which is reimbursed subject to completion of the entire programme.

For further information about how a Fuel Efficiency Review can help you and your organisation, contact FuelChamp at:

**Freephone:** 0800 783 7434  
**Website:** [www.FuelChamp.co.uk](http://www.FuelChamp.co.uk)  
**Email:** [info@FuelChamp.co.uk](mailto:info@FuelChamp.co.uk)  
**Fax:** 01737 768979

# FEATURE PRODUCTS

## Public Sector



### Local Authority Freight Management Guide

Meeting the increasing demand for goods and planning for freight is a challenge for all Local Authorities.

This ground breaking guide is targeted at helping Local Authorities improve their understanding of the nature of freight, leading to the production and delivery of high quality freight strategies and action plans. It will help to inform the overall Local Transport Plan strategies and assist in meeting the existing objectives and actions relating to freight.

The Local Authority Freight Management Guide provides advice on where and how it might be appropriate for Local Authorities to intervene by implementing a range of freight related traffic management measures including HGV related signage, delivery curfews and HGV priority lanes.

Order your **FREE** copy now.

#### What's covered in the guide?

- Freight policy
- Understanding the nature of freight
- Road freight management
- Effective management of deliveries
- Lorry parking facilities
- Promoting rail and waterways
- Improving access to airports and seaports
- Funding



### Events Calendar...

The Freight Best Practice team are attending many events over the coming months, including RHA members' meetings and Traffic Commissioners' freight operator seminars. If you would like to meet up with a member of the team check the website for dates and venues.

## Research Reports

### Using Satellite Navigation to Improve Efficiency in the Road Freight Industry

SatNav systems are becoming increasingly common, but there can be drawbacks for truck operators, for example routing along unsuitable roads. To help you find out more about the benefits the systems can bring to your operations, the Freight Best Practice programme conducted an eight week trial comparing four fleets before and after using SatNav.

The trial particularly focused on:

- Mileage run
- Avoiding congestion
- Road safety
- Using appropriate delivery routes
- Costs and pollution

The results were analysed by the University of Newcastle, and while many positive effects of SatNav were identified, such as a significant reduction for multi-drop drivers in the time wasted looking for destinations, there were negative findings too. These included extra mileage and freight mapping problems such as bridge heights, weight and access restrictions.

To read the research findings in full, including recommended enhancements to make SatNav systems more attractive to road freight operators, download a copy from [www.freightbestpractice.org.uk](http://www.freightbestpractice.org.uk)



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| <input type="checkbox"/> Logistics and Transport Focus |  |

**Saving Fuel**

- Fuel Management Guide
- Pocket Guide Fuel Saving Tips
- Save It! DVD – The Road to Fuel Efficiency and Champions of Fuel
- Fuel Saving Devices
- Fuel Management for Transport Operators
- BOC Ltd Fuel Champion Saves Equivalent of 50 Trailer Loads of Carbon Dioxide a Year

**Developing Skills**

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- Proactive Driver Performance Management
- SAFED for Vans – A Guide to Safe and Fuel Efficient Driving for Vans

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**Equipment and Systems**

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- Telematics Guide
- Computerised Vehicle Routing and Scheduling for Efficient Logistics
- Concise Guide to Computerised Vehicle Routing and Scheduling
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- Streamlined Guide to Truck Aerodynamic Styling
- Smoothing the Flow at TNT Express and Somerfield using Truck Aerodynamic Styling
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- Save Fuel with Lower Rolling Resistance Tyres
- Testing Time for Trucks
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- Making the Swap to Demountables
- Information Technology for Efficient Road Freight Operations

**Operational Efficiency**

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