



TRiSCAN



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Achieving more with less

*Barry McLeod*  
*Marketing Director*

## Where we are

- Fuel price inflation and volatility
- Severe impact on operational budgets
- Policy and regulation will get tighter
- Improving efficiency and reducing cost are the key issues
- CO2 and Fuel Cost reduction are now **the** Key Strategic Performance Indicators

## What have fuel initiatives achieved

- 7% reduction in annual fuel used
- Overtime reduction
- CO<sup>2</sup> Reduction calculated using 'Clean Data'
- Quantifiable improvements in vehicle efficiency

## Fuel

### **Monitoring**

*Involves an instrument or device for observing, checking or keeping a continuous record of a process or quantity*

### **Management**

*The process of dealing with or controlling things*

You cannot manage what you cannot measure. If consistent, accurate fuel consumption data is not available, then any attempt to assess the effects of change is doomed to fail. Bad information is worse than no information, since action taken on the strength of it may be counter productive

Source: Freight Best Practice

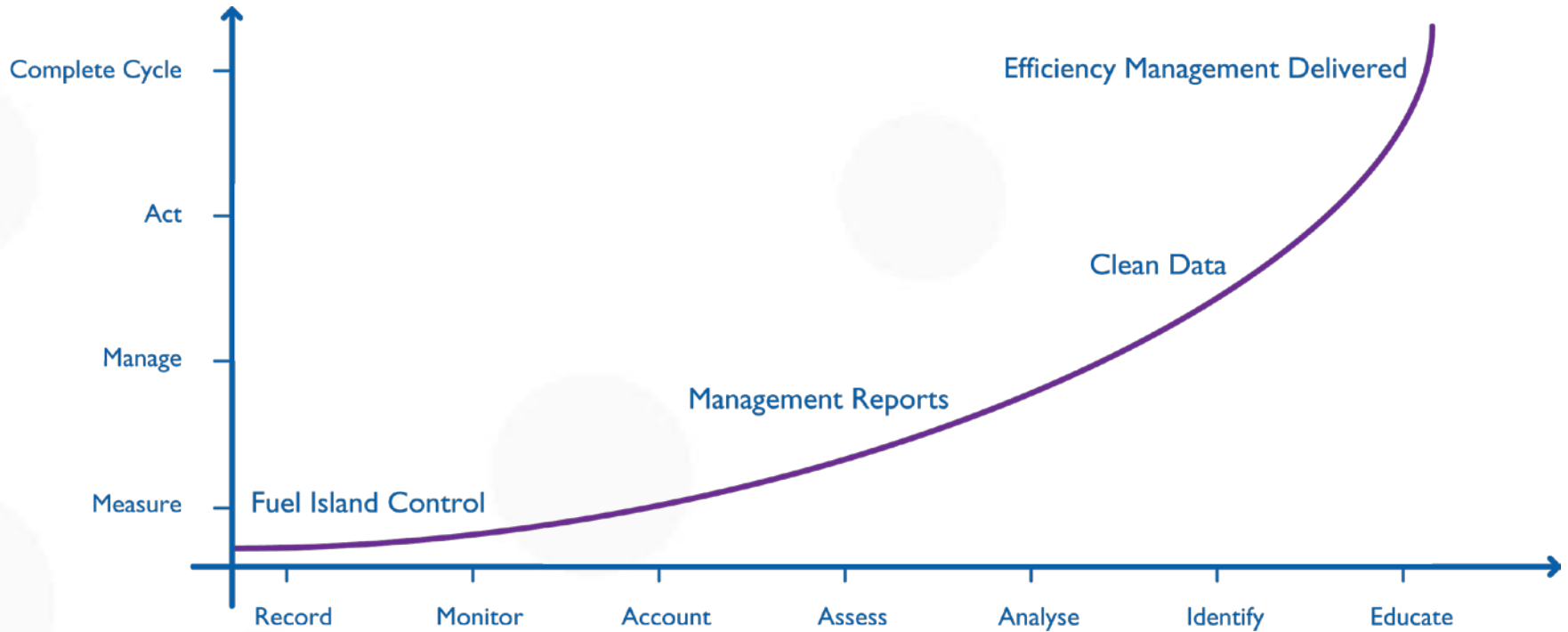
“Invest in the best data collection system you can justify, taking into account time spent and potential fuel savings”

Source: Freight Best Practice

**Freight Best Practice**

## The 7 steps that get results

1. **Record** what is delivered into the tank
2. **Monitor** the fuel that is dispensed from the tank
3. **Account** for the vehicle / driver the fuel is dispensed to
4. **Assess** why the fuel was required (*vehicle activity hours run or mileage*)
5. **Analyse** for exceptional results (*MPG*)
6. **Identify** causes of exceptional results
7. **Educate** operators, route planners, drivers on how to avoid the causes of exceptional results.



## Triscan 7 Steps to Best Practice

CO<sup>2</sup> Reduction

Cost



Litres of Fuel

Purchase Price

Fuel Stock held

Vehicle Comparison

Driver Behaviour



Harsh Braking

Harsh Acceleration

Speeding

Idling

Vehicle used

Period : Month to 28th May 2010

Client :

## Opportunity to save 1

	CO <sup>2</sup>	Litres	Value £
<b>Below Average to Average</b>	6,734 kg	2,560.3	2,484.04
	3.49 %	3.49 %	3.49 %
<b>All to Best</b>	19,657 kg	7,474.1	7,251.49
	10.18 %	10.18 %	10.18 %

## Carbon Footprint 3

	Last Month	Annual	Tree Offset
<b>Target</b>	185,000 kg	2,220,000 kg	979
<b>Actual</b>	193,097 kg	193,097 kg	1022

## Fuel Used 4

	Litres	£
<b>This Month</b>	73,421	71,234
<b>Last 12 Months</b>	 	

## Fuel Price 5

05/07/10 97.02 pence/litre



## Data Integrity 2

	Incidents	Litres Drawn
<b>Invalid milage entry when fuel drawn</b>	16	3848.44
<b>Percentage of fuel drawn with invalid mileage</b>		5.2 %

## Events emd 1

 Harsh Braking	 NOT ENABLED	 NOT ENABLED
 Harsh Acceleration	 NOT ENABLED	 NOT ENABLED
 Speeding	 NOT ENABLED	 NOT ENABLED
 Idling	 NOT ENABLED	 NOT ENABLED

## Fuel Stocks 6

	Litres	Days
<b>Diesel</b>	 NOT ENABLED	 NOT ENABLED
<b>Ad Blue</b>	0	0
<b>Total</b>	0	0
<b>Target</b>	36,710	15.0

Harsh braking



Harsh acceleration



Correct use of gears



Use of cruise control

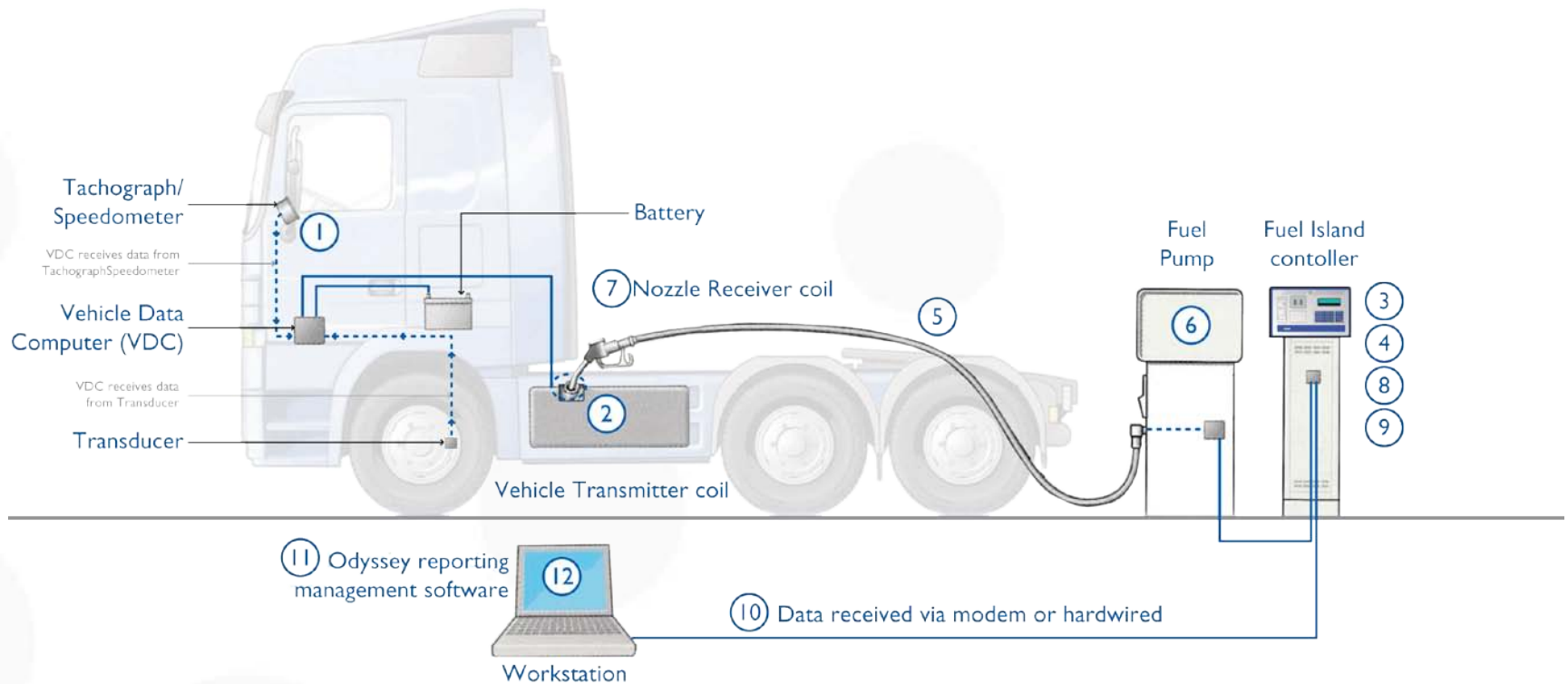
Monitor engine idling

Time spent in the 'sweet spot'

Speeding



Delivering Intelligence



## Accurate MPG through Automated Data Capture



## Vehicle Considerations

## Benefits

- Live visibility of your vehicles
- Cut fuel costs
- Reduce Co2 emissions
- Control overtime claims
- Boost productivity
- Improve communication
- Better service

The TRiSCAN logo is overlaid on a background image of a blue truck with yellow stripes, moving quickly on a road under a blue sky with white clouds. The truck is blurred to indicate motion.

1 day workshop with the various stakeholders of your organisation

Preparation of a Business Case Document with Return On Investment

Can be used as the first phase of a Tender process

Email: [info@triscansystems.com](mailto:info@triscansystems.com)

Web: [www.triscansystems.com](http://www.triscansystems.com)

