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**ECO Stars - an intervention of
choice contributing to cleaner air**

ECO Stars Fleet
Recognition Scheme®



Origins of South Yorkshire ECO Stars

- Efficient Cleaner Operations Stars
- Developed by the 4 South Yorkshire authorities with Barnsley MBC as lead authority
- Part of a 'Toolkit of Measures' to tackle Air Quality
- Scheme attractive to commercial fleet operators
- Launched in Jan 2009



ECO Stars – Motivation

- Heavy duty vehicles significant emitter of traffic pollution
- Needed to positively engage with the heavy duty vehicle fleet community to reduce emissions where possible
- Desired to build trust, recognise existing good practice whilst encouraging further emission reduction
- Required a scheme without a barrier for increased economic activity



ECO Stars Fleet
Recognition Scheme®



ECO Stars – Main Principles

- Benefits to Local Authorities
 - Air Quality
- Benefits to operator
 - Reduced fuel consumption and cleaner operation
- Benefits to the community
 - Reduced emissions
 - Improved health



ECO Stars Fleet Recognition Scheme®



How It Works

- Free local membership scheme
- Managed by TTR on behalf of local authorities for operators of commercial vehicle fleets (trucks, vans, coaches and buses)
- Recognition of best practice in clean, energy and cost efficient operations
- Guidance and advice provided on how further improvements can be achieved – environmental and economic



How It Works



Fleet Composition



Fuel Management



Driver Skills Development



**Vehicle Specification
& Preventative Maintenance**



IT Support Systems



**Performance Monitoring
& Targeting**

- Member vehicles and operating practices are assessed
- To recognise levels of environmental and energy saving performance
- A star rating is applied

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Operator Benefits

Recognition at both vehicle and management level for current operational practices

Advice on measures which could help to improve performance (AQ, GHG, £)

Opportunities to raise profile with other operators, customers & local communities

Membership package:

- Star rating Certificate
- 'Road map' for operational & environmental efficiency
- Ongoing guidance to progress



ECO Stars Fleet
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ASDA

First 

Wincanton

HIGH AND
experience
TOURS

NOBLE
FOODS


**DAIRY
CREST**

RELIANCE

Potter
Logistics


Samworth Brothers
DISTRIBUTION

Alliance
TRANSPORT

TOCKWITH
TRAINING



Archbold
Logistics

MALCOLM
GROUP



Sainsbury's

UNISERVE
your global business

 ALcontrol
Laboratories


Nestlé

Clipper 



Bidvest
3663

REACT
TRANSPORT SERVICES LTD

ECO Stars Fleet
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ABi 
GARAGE DOOR SPECIALISTS

 brakes



Borchard Lines Ltd

Sheffield Teaching Hospitals **NHS**
NHS Foundation Trust

GREGGS

 **culina** AMBIENT
www.culina.co.uk


CEMEX

ECO Stars Scheme UK Coverage

- South Yorkshire
- Mid Devon – Devon County
- Mid Devon Taxi
- Nottingham Urban Area
- Thurrock
- City of York
- Warrington
- Sefton (Port of Liverpool)
- Sutton & Croydon
- Greenwich
- Staffordshire & Stoke
- Swale
- Cornwall
- Manchester
- West Yorkshire
- Dundee
- Dundee Taxi
- Edinburgh
- Falkirk
- Falkirk Taxi
- North Lanarkshire
- South Lanarkshire
- Fife
- Glasgow
- Fife Taxi
- Aberdeen
- East Lothian



Evaluation

Evaluation exercise conducted with 10 South Yorkshire members drawn from a variety of operators by size and sector using real world data:

- Decreased NO_x – 8
- Decreased PM – 7
- Decreased/no change CO₂ – 7

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