



Lowering Emissions  
from Commercial Vehicles

# ANNUAL CONFERENCE

**5 SEP**  
**2018**  
Kempton Park  
Racecourse

Delivered by:



# Session 1

## Planning For A Low-Carbon Future

Supported By:



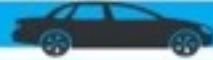


# Glen Davies

**Fleet Operator Recognition Scheme (FORS)**

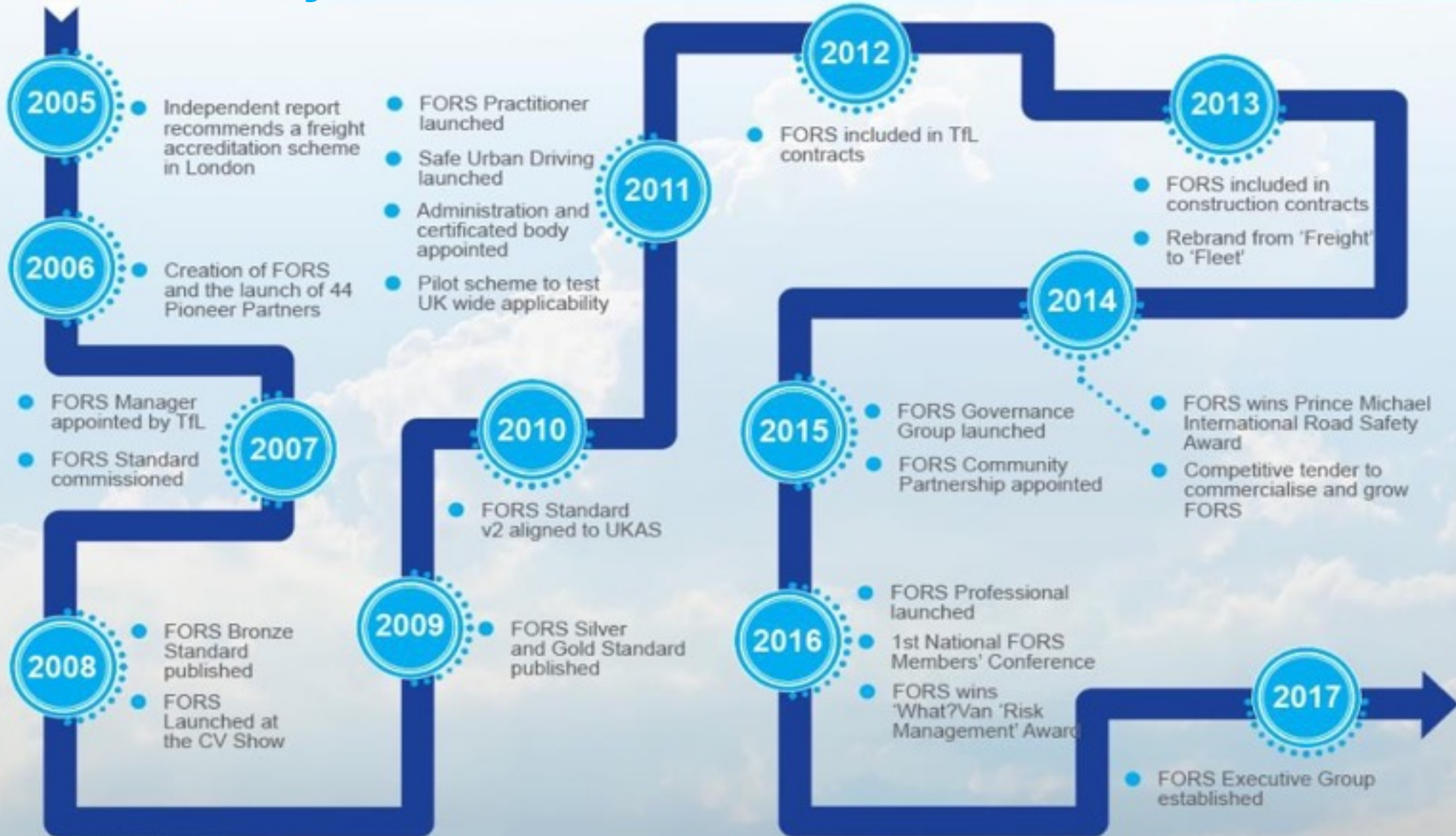


Lowering Emissions  
from Commercial Vehicles



**FORS Standard v5.0**  
Glen Davies – FORS Technical Advisor  
LoCITY Conference

# The FORS story



# The FORS Standard

## MANAGEMENT

Covers policies and procedures, organisational structure, responsibilities and how you communicate and keeping up to date with industry trends

## VEHICLES

Covers inspections and maintenance, defects, documentation such as insurance, vehicle excise duty, load safety and the safety of your staff and vulnerable road users

## DRIVERS

Covers licensing and qualifications, driving standards, professional development and the fitness, health and safety of drivers. Drivers hours and working time are also covered

## OPERATIONS

Covers routing and scheduling, specialist goods, abnormal loads, collisions and incidents, engine idling and other operational performance measures



# A tiered approach



**Gold** (highest level) operator committed to continued improvement and industry leadership

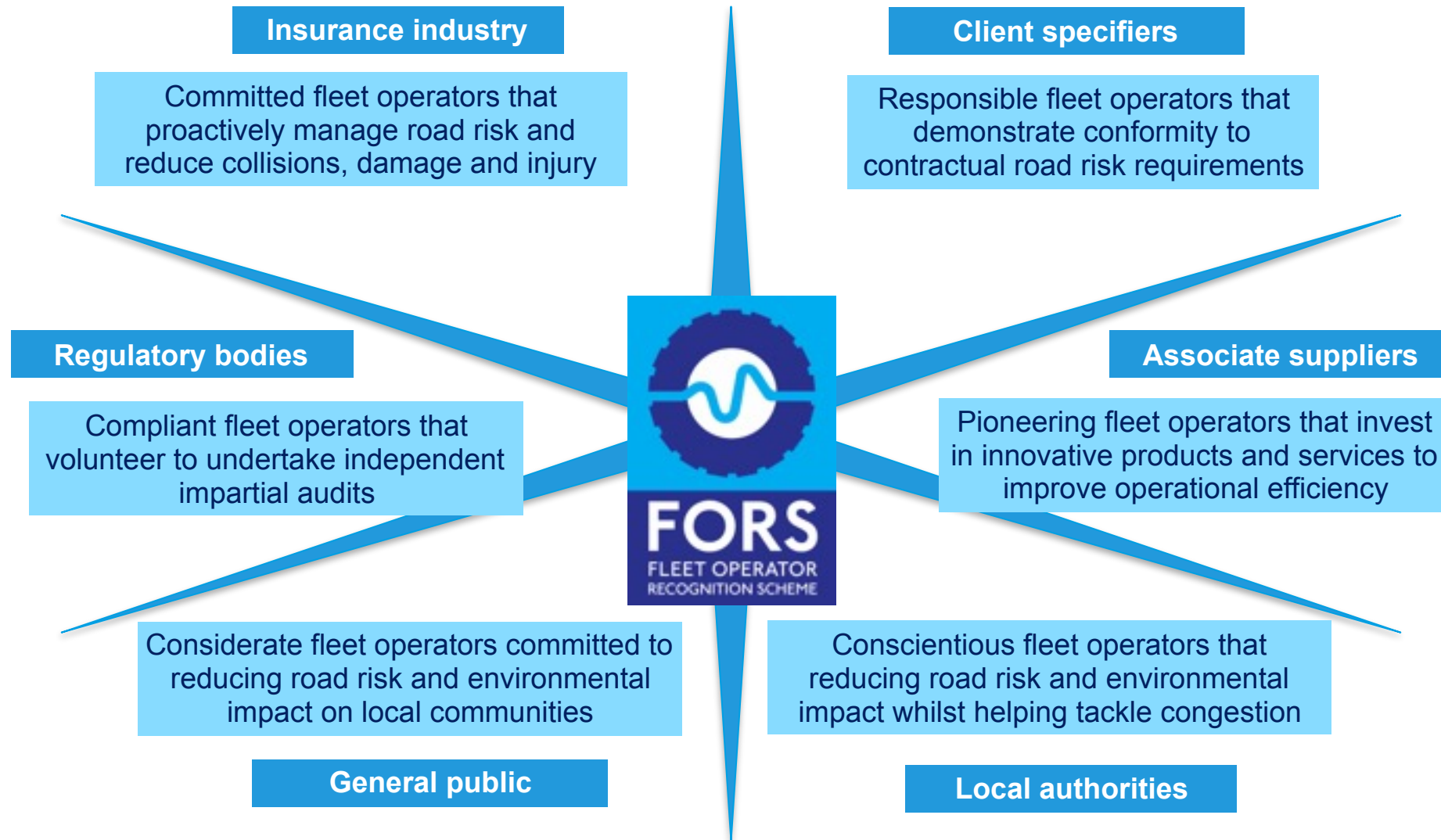


**Silver** (intermediate level) operator committed to safety, efficiency and environmental protection



**Bronze** (entry level) A legally compliant operator following good practice

# 2018 Standard: A focus on recognition



# FORS Standard revision process

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Process managed by CILT with direction from the FORS Technical Advisory Group.

Considerations included:

- Input from FORS Community Partnership
- Input from GSAG Passenger, Van and Governance sub groups
- Environmental input from LoCITY working groups
- Alignment to DVSA's Earned Recognition
- Alignment to the CLOCS Standard
- Alignment to London Service and Safety Permit requirements
- Recent security and terrorism incidents



# FORS Technical Advisory Group

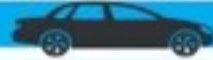
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A special purpose group formed every two years to review and revise the FORS Standard. The group is formed of representatives from:

- GSAG Governance Group and passenger and van sector sub-groups
- Regulatory bodies and highway authorities
- Contractual specifiers of FORS
- Insurance industry
- Road safety and environmental groups

Three meetings held which focussed on:

- February - Full document review and suggested revisions
- April - Bronze revision
- May - Silver and Gold revision



**FORS Standard v5.0**  
**Environmental revisions**

# FORS Bronze - O2 - Fuel, emissions and air quality



## Requirement

Policy and supporting procedures to monitor fuel consumption and environmental impact, outline the commitment to environmental performance and describe how:

- Environmental regulations and standards are complied with
- The vehicles and fuel type selected are suitable for the tasks to be undertaken
- Engine-idling is minimised to reduce fuel waste and unnecessary emissions
- Fuel data is collected and monitored by VRM, including AdBlue where relevant
- Fuel spillages are minimised and managed

Name the Fuel and Emissions Champion

# FORS Silver - S2 Performance data



## Requirement

FORS progression data report that includes the following operational performance indicators:

- Total distances travelled by VRM
- Total fuel used by fuel type and VRM  
(or energy used for electrically-powered vehicles)

Baseline fuel usage and distance travelled shall be used to calculate and report CO<sub>2</sub>, NO<sub>x</sub> and Particulate Matter emissions

# FORS Silver - S3 Fuel, emissions and air quality



## Requirement

Policy and supporting procedures in place that commit to reducing fuel consumption and minimising environmental impact.

The commitment to reducing fuel consumption and minimising environmental impact shall be a development on the FORS Bronze Requirement O2 and include:

- Evidence of the Fuel and Emissions Champion's competence
- Details of fleet performance management that enables effective and efficient analysis
- The fuel efficiency and emissions reduction initiatives that are in place or are planned

# FORS Silver - S5 Professional development



## Requirement

Maintain and implement PDPs that identify and document progressive Professional Development for drivers and all other staff involved in the fleet operation.

Drivers shall have completed within the past 24 months:

- FORS Professional LoCITY Driving eLearning module

And within the past five years:

- FORS Professional LoCITY Driving training, or
- FORS Approved environmental awareness training

# FORS Gold - G2 Performance data



## Requirement

Provide a FORS progression data report for all vehicles in scope of FORS accreditation.

The FORS progression data report shall cover the previous 24 month period to provide a year-on-year comparison and include the following operational performance indicators:

- Total distances travelled by VRM
- Total fuel used by fuel type and VRM

Fuel usage and distance travelled Shall be used to calculate and report CO<sub>2</sub>, NO<sub>x</sub> and Particulate Matter impacts.

The data report shall demonstrate year-on-year operational improvements on the performance indicators.

# FORS Gold - G6 Sustainable operations



## Requirement

Undertake a review of the fleet operation to further improve environment performance, road safety and efficiency.

The review shall include a considered evaluation for using:

- Vehicles designed for more efficient operations
- Ultralow and zero emission capable vehicles
- Safer vehicles that are best in class for direct vision

The review shall also evaluate the use of sustainable ways of working that minimise the impact on the road network and include a cost benefit analysis with the benefits communicated in terms of emissions, road risk and reduced road miles.



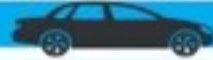
## v5.0 FORS Standard next steps

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- Publish at FORS Annual Conference
- Effective date 14 January 2019
- New requirements transition throughout 2019
- Standard fully enforced by October 2019

**FORS Annual Conference**

**16 October 2018 National Conference Centre Solihull**



**FORS Standard v5.0**  
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