

Procuring Clean Buses

On the way to electric buses (?) - environmental
and operational aspects reflected in the life cycle
costing approach

European workshop
11/12 December 2013
Bremen



Introduction

European cities and transport operators are facing an ever increasing variety of fuel and technology options for their bus fleets – from standard diesel engines, to gas-driven, hybrid, biofuel-powered, full battery electric, trolley buses and hydrogen fuel cell vehicles – sometimes in hybrid combinations. How can organisations decide which option best meets their needs and objectives?

The Clean Vehicles Directive obliges public authorities and transport operators to take environmental impacts into account when purchasing road vehicles, including buses. It also offers a method for monetising the external environmental costs – but how does this tie in with a standard approach to life cycle costing? And how does this method fit with the trend towards further electrification in the bus sector?

The European workshop in Bremen will look at these with a special focus on electrification of urban buses, to provide insights and discussion around how bus procurement is carried out in practice. There will be also a practical demonstration and test rides of electric buses – including demonstration recharging using the tram electric infrastructure.

Representatives from partner cities and operators will present their experiences, including Stockholm, London, Rotterdam and Bremen and other advanced showcases. Manufacturers will also be present.

Topics to be discussed include:

- further electrification of buses – and its reflection when applying the Life Cycle Cost method
- Monetising emissions and life cycle costing
- Question of providing specific infrastructure for “alternative” propulsion – e.g. (re-) charging infrastructure
- Potential consequences of the EC proposal for a directive on the deployment of alternative fuels infrastructure (COM(2013) 18 final)

Participation is free of charge. Registration is necessary, as places are limited.

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Clean Fleets

The Clean Fleets project (www.clean-fleets.eu) assists public authorities and fleet operators with the implementation of the Clean Vehicles Directive and the procurement or leasing of clean and energy-efficient vehicles.

Clean Fleets project partners



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