



clean fleets
purchasing clean public vehicles

Webinar

Session 1: Open to partners and other stakeholders





AGENDA: SESSION 1, ALL STAKEHOLDERS

10:00 – 10.10 BRIEF INTRODUCTIONS FROM ALL

A short introduction will be made to each work area of the project. Stakeholders and partners alike are encouraged to contribute ideas and comments.

10:10 – 10:25 EUROPEAN WORKSHOPS

10:25 – 10:45 THEMATIC GROUPS

10:45 – 11:00 CLEAN VEHICLE DIRECTIVE TOOLKIT

11:00 – 12:00 CLOSED SESSION FOR PARTNERS



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European workshops

Webinar May 3





European Workshops

Purpose: To facilitate exchange and mutual learning in order to increase the prevalence of clean and energy efficient vehicles

Target Group: All Clean Fleets partners, technical and professional stakeholders, other interested parties and, where appropriate, manufacturers and suppliers.

Locations and Schedule:

Bremen	November 2013
London	March 2013
Stockholm	May 2014
Rotterdam	October 2014





Bremen

November 2013

- LIFE CYCLE COSTING LCC IN THEORY AND IN PRACTICE
- THE RELATIONSHIP BETWEEN CLEAN FUEL STRATEGIES AND LCC





London

March 2014

- **CLEAN URBAN BUSES**
- Strategic context
 - Political leadership
 - London's Low Emission Zone
 - TFL's commercial environment
- Hydrogen buses
 - Bringing them into operation
 - Establishment of filling/support infrastructure
 - Commercial supply chain risks and strategies enabling the CVD
- “New bus for London”
 - Diesel hybrid bus





Stockholm

May 2014

- FUEL TECHNOLOGY
- JOINT PROCUREMENT
- CONTRACTING
- CONSOLIDATION CENTRE FOR ELECTRIC VEHICLES





Rotterdam

October 2014

- **ROTTERDAM ELECTRIC PROGRAM**
 - Charging infrastructure
 - Innovative projects
 - Clean municipal vehicle fleet
- **“MEET THE VEHICLES” EVENT**





Work package coordination:

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Thematic Groups

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BUSES

- **COMPARISON OF TECHNOLOGY OPTIONS (INCL. FUEL TYPES), IN TERMS OF:**
 - Environmental impact
 - Cost – purchase prices, fuel and maintenance costs, infrastructure investments
 - Practicality
- **MARKET TRENDS ACROSS EUROPE**
- **NEW TECHNOLOGIES**

The above to be based on case studies, illustrating success factors and hurdles, and to incorporate research already undertaken by public authorities and transport operators



LIFE CYCLE COSTING

• THEORY AND PRACTICE

- The Pros and Cons of using Method 3 of the Clean Vehicle Directive (CVD) with respect to different technology options
- Other environmental scoring systems and their compatibility with the CVD
- Worked LCC examples of different vehicle models
- Case studies of public authorities/ vehicle operators who have used method 3 of the CVD



MONITORING AND MANAGEMENT

- **ENSURING PROMISED ENVIRONMENTAL PERFORMANCE IS DELIVERED WITHIN CONTRACTS**

- What needs to be included in tenders and contracts to monitor and ensure compliance throughout the contract period?
- Suggested performance indicators
- Methods of monitoring environmental impacts of vehicles compared to what was originally specified
- Examples of successful cooperation between clients and providers



Clean Vehicle Directive (CVD) Toolkit

Webinar May 3





The Clean Vehicle Directive (CVD) toolkit

Purpose: To assist public procurers and transport operators with buying clean & energy efficient vehicles by clarifying the context and methodologies of the CVD

Proposed Structure:

- Applicability (which organisations/ vehicles fall under the CVD)
- Procurement essentials (starting from defining need)
- Implementation methodologies (technical specifications, award criteria & LCC)
- Overview of technology options and fuel types

Outputs: A guide containing information, signposts and illustrative case studies

Who is involved: Clean Fleets partners, technical & professional stakeholders.

Schedule: May 2013 to Jan 2014 (English version)



PROPOSED STRUCTURE

- **Applicability**
 - Organisations
 - Vehicle types
- **Procurement Essentials**
 - Defining need
 - Market research and engagement
 - Writing tenders
 - Monitoring and management
- **Implementation Methodologies**
 - 1) Technical specifications
 - 2) Award criteria
 - 3) Life Cycle Costs – financial and environmental
- **Overview of technology options and fuel types**

