



# 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



# 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

Webinar May 3



**Schedule:** May 2013 until early 2014



# 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**

