



clean fleets
purchasing clean public vehicles

SESIUNI DE INSTRUIRE CU PRIVIRE LA ACHIZITIA DE VEHICULE ECOLOGICE SI EFICIENTE ENERGETIC:

Lucrul cu Directiva pentru Vehicule Ecologice (CVD)





PARTICIPANTI LA SESIUNEA DE INSTRUIRE DE AZI

Nume, Organizatia, Rolul	Nume, Organizatia, Rolul



INTRODUCERE IN PROIECTUL CLEAN FLEETS



PROIECTUL

- Co-finantat de Intelligent Energy – Europe (IEE), Programul Uniunii Europene
- Gestionat de EASME (Executive Agency for Small and Medium-sized Enterprises = Agentia Executiva pentru Intreprinderi Mici si Mijlocii)
- Coordonat de ICLEI – Autoritati Locale pentru Durabilitate
- Septembrie 2012 - August 2015
- Buget € 1 milion.
- www.clean-fleets.eu



OBIECTIVE PRINCIPALE

- **sustinerea** autoritatilor publice in achizitia de vehicule ecologice si eficiente energetic, conform cerintelor Directivei pentru Vehicule Ecologice (CVD = Clean Vehicle Directive)
- **promovarea** schimbului de experienta intre autoritati
- **contributia** la introducerea pe piata a combustibililor alternativi si a tehnologiilor de vehicule alternative



ORASE LIDER & CARE INVATA, EXPERTI IN DURABILITATE & MOBILITATE

ICLEI – Autoritati Locale pentru Durabilitate (Coordonator)

Primaria din Stockholm

Zagreb City Holding

Primaria din Bremen

Primaria din Sofia

Primaria din Rotterdam

Freiburg VAG

Transport for London (TfL)

URTP Romania

Travel and Transport (TTR) Ltd.

ISIS – Innovation for Sustainability

TÜV Nord

Municipalitatea din Palencia



INTRODUCERE IN PROIECTUL CLEAN FLEETS

Rezultate mai importante:

- Indrumar despre achizitia de vehicule ecologice si eficiente energetic
- Raport despre autobuze – optiuni pentru combustibili si tehnologii
- Studii de caz
- Fise de prezentare (*in curs*)
- Instrumentul LCC (*versiunea pentru testare este acum disponibila*)

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The New Bus for London – Diesel/electric hybrid

Clean Fleets case study

- First bus specifically designed for London in over 50 years.
- Iconic design combined with modern hybrid technology and expectations.
- Emits less than half the CO₂ and NO_x than a current London diesel bus in service
- Largest order of hybrid buses ever placed in Europe.



ex. Studiu de caz despre autobuze hibride in Londra



INTRODUCERE IN PROIECTUL CLEAN FLEETS

Activitati importante:

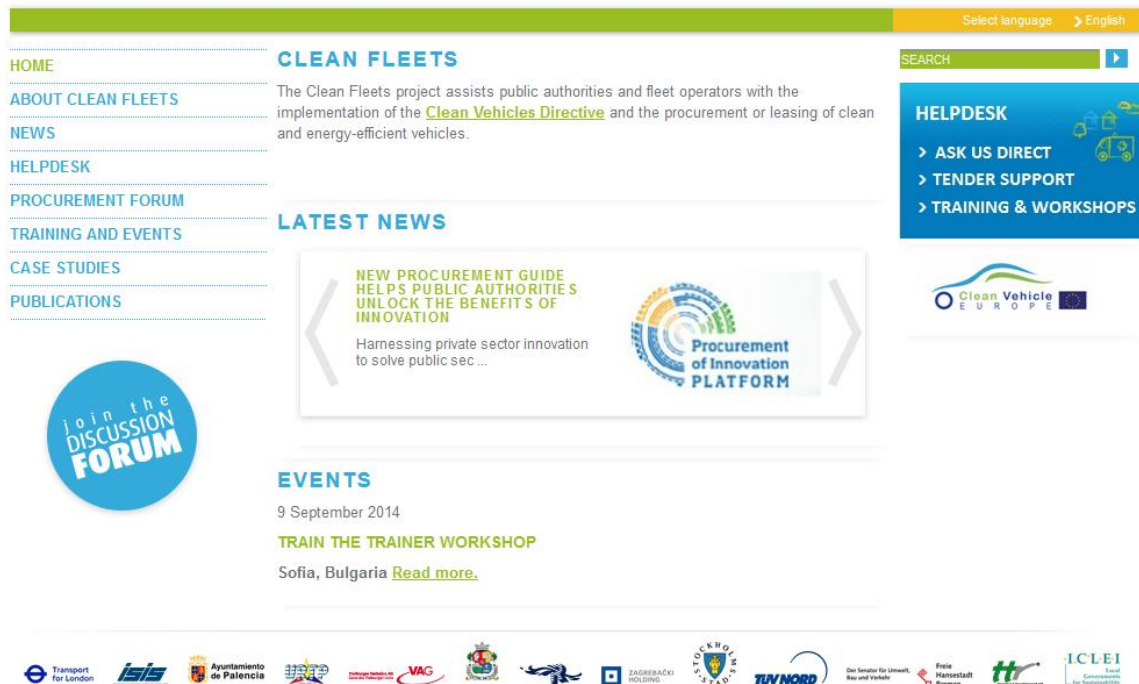
- Workshop-uri nationale si europene Bremen (2013), Londra, Stockholm si Rotterdam (2014)
- Forum de discutii online, asistenta la licitare si birou de informatii – aveti intrebari? Puneti-le!
- Sesiuni de instruire formatori, urmate de workshop de instruire



INTRODUCERE IN PROIECTUL CLEAN FLEETS

Website actualizat:

- Cele mai recente stiri
- Birou de informatii
- Forum discutii
- Instruire & evenimente
- Studii de caz
- Publicatii

The screenshot shows the homepage of the Clean Fleets website. At the top, there is a navigation bar with a language selector set to English. The main content area is divided into several sections:

- HOME**: A vertical list of navigation links including HOME, ABOUT CLEAN FLEETS, NEWS, HELPDESK, PROCUREMENT FORUM, TRAINING AND EVENTS, CASE STUDIES, and PUBLICATIONS.
- CLEAN FLEETS**: A section describing the project's goal to assist public authorities and fleet operators with implementing the Clean Vehicles Directive.
- LATEST NEWS**: A featured article titled "NEW PROCUREMENT GUIDE HELPS PUBLIC AUTHORITIES UNLOCK THE BENEFITS OF INNOVATION" with a sub-headline "Harnessing private sector innovation to solve public sec...". It includes a "Procurement of Innovation PLATFORM" logo.
- EVENTS**: A section for upcoming events, featuring "TRAIN THE TRAINER WORKSHOP" in Sofia, Bulgaria, dated 9 September 2014.
- HELPDESK**: A blue sidebar with a search bar and links for "ASK US DIRECT", "TENDER SUPPORT", and "TRAINING & WORKSHOPS".
- Join the DISCUSSION FORUM**: A blue circular button with white text.
- Clean Vehicle EUROPE**: A logo at the bottom right of the main content area.

At the bottom of the page, there is a row of logos for partner organizations, including Transport for London, ISIS, Ayuntamiento de Patencia, VAG, and others.



PORTALUL VEHICULELOR ECOLOGICE

Caracteristici:

- Baza de date despre vehicule
- Calculul costului pe durata de viata conform CVD
- Informatii despre cotele de piata
- Reguli pentru achizitii
- Instrumentul pentru calculul costului pe durata de viata pentru costuri individuale



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Clean Vehicle EUROPE 

Home | About | News | Guided Tour | Press

Home >

Login | Procurement | Info per EU policy | Info per Member State

What kind of Vehicle are you looking for?

Passenger Cars
 Light Duty Vehicle
 Heavy Duty Vehicles
 Mini-Buses
 Buses

Welcome to the Clean Vehicle Portal

The Goal
The Clean Vehicle Portal as a new web-database aims to ensure a level of demand for clean and energy-efficient road transport vehicles and encourage manufacturers to invest in development of vehicles with low energy consumption, CO2 emissions and pollutant emissions.

The System
The Clean Vehicle Portal offers access to a large and innovative database system of vehicle data. Feel free to use the vehicle-search above and achieve comparable listings of vehicles in order to your search terms and procurement requirements. Collect your individual selections in your personal watch list.

The Features

- Access to Europe's largest vehicle database
- Lifetime-cost-calculation, according to the „Clean Vehicle Directive“ (2009/33/EC)
- Interactive joint-procurement

Search & Find 

Collect & Compare 

Communicate 

 18.08.2014: [Palermo welcomes first tram line \(Italy\)](#)

15.08.2014: [Italian e-bike delivery service heads to the beach](#)

14.08.2014: [Air pollution from road traffic can raise blood pressure](#)

14.08.2014: [Large-scale ITS system planned for Łódź \(Poland\)](#)

13.08.2014: [New report: Electric car sales double in EU](#)



OBIECTIVE WORKSHOP DE INSTRUIRE



PACHETUL DE INSTRUIRE CLEAN FLEETS

- Clean Fleets a realizat acest **pachet modular de instruire** precum si **instrumentul CV** pentru a asista autoritatile publice/operatorii de transport in procesul de achizitie vehicule ecologice si eficiente energetic
- In centrul atentie se afla **Directiva 2009/33/EC** dedicata vehiculelor ecologice. Scopul este acela de a spori constientizarea cu privire la implicatiile CVD si de a oferi indrumare cu privire la modul in care poate fi implementata aceasta
- Instruirea include atat o descriere generala a **tipurilor de combustibili si tehnologii** ecologice si eficiente energetic, scopul si cerintele **CVD** si a legislatiei conexe, **abordarile proceselor** de cumparare/ leasing/inchiriere contracte servicii de transport precum si instrumentul **LCC**



WORKSHOP DE INSTRUIRE INSTRUCTORI

Multiplicarea efectelor pachetului de instruire prin:

- Furnizarea **pachetului modular de instruire Clean Fleets** si instrumentul LCC organizatiilor/persoanelor individuale care pot ulterior sa instruiasca autoritatile publice/operatorii de transport in tara lor
- **Crearea unui grup de experti** in diferite state europene care pot sa deruleze instruiiri cu privire la implementarea CVD
- Facilitarea **Transferului de cunostinte intre** instructorii din diverse state

***Doua
workshop-uri
Instruire
instructori
la Roma si Sofia***



AGENDA

DURATA	MODUL	TEMATICA
9.30 – 11.40	1	Achizitia de vehicule ecologice <i>Motivatii si disponibilitatea pietei</i>
11.40 – 12.30	2	Contextul legislativ <i>The CVD and further EU legislation on clean vehicles</i>
13.30 – 15.20	3	Abordari in achizitia de vehicule ecologice <i>Cumpararea, leasing...sau adaptare?</i>
15.40 – 16.30	4	Costuri pe durata de viata <i>Instrumente si metodologii LCC</i>



MODULUL 1: ACHIZITIA DE VEHICULE ECOLOGICE

1.1 Motivatii pentru achizitia de vehicule ecologice

– Impactul asupra climei, poluarea locala a aerului, mobilitate urbana durabila, siguranta combustibilului/energiei si preturi, in baza unor exemple

1.2 Automobile si furgonete – Disponibilitatile pietei pentru variate tipuri de combustibili si tehnologii alternative.

1.3 Vehicule cu gabarit mare – Disponibilitatile pietei pentru variate tipuri de combustibili si tehnologii, cu concentrare asupra autobuzelor



MODULUL 2: CONTEXTUL LEGISLATIV

2.1 CVD: Introducere, domeniu, cerinte si optiuni:

- Specificatii tehnice
- Criterii atribuire
- Costuri operationale pe durata de viata (OLC)



2.2 O privire mai profunda asupra CVD – anumite puncte care pot necesita o clarificare/evidentiere

2.3 Pozitionarea Directivei pentru Vehicule Ecologice (CVD) in contextul sau – alte legislatii europene si locale



MODULUL 3: ABORDARI IN ACHIZITIA DE VEHICULE ECOLOGICE

3.1 Managementul parcului de vehicule

3.2 Implicarea pietei – Explorarea optiunilor disponibile si realizarea unor relatii cu furnizorii

3.3 Cumpararea, leasing.... sau adaptare?

3.4 Licitare – Exemple de modul in care pot fi achizitionate vehicule ecologice si eficiente energetic, prin utilizarea criteriilor in diverse etape ale procesului de licitare. Sunt de asemenea discutate contextul politicii si altor factori determinanti

3.5 Achizitii asociate – Colaborarea organizatiilor centrale de achizitii cu autoritatile publice



MODULUL 4: LCC

4.1 Costul pe durata de viata (LCC) – Introducere si privire de ansamblu asupra LCC, urmata de explorarea in profunzime a factorilor care ar trebui considerati in timpul achizitiei vehiculelor

4.2 Instrumentul LCC produs de Clean Fleets – Introducere si testare instrumentul LCC, care include consideratiuni standard ale costului pe durata de viata cu monetizarea emisiilor, asa cum a fost aceasta stabilita in metodologia CVD cu privire la Costurile operationale pe durata de viata.