

STEER

Energy Efficiency in Transport

Reasons for supporting the ECORails project

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Challenges

EU faces serious and unprecedented energy challenges relating to sustainability and greenhouse gas emissions as well as energy security

- **EU energy and climate change package - December 2008**
 - ▶ **ambitious targets for 2020**
 - cutting greenhouse gases by 20% (30% if international agreement is reached)
 - reducing energy consumption by 20% through increased energy efficiency
 - meeting 20% of our energy needs from renewable sources.
 - ▶ **Transport has to play its role in meeting these goals**

- **Action Plan for Energy Efficiency: Realising the Potential**
 - ▶ **Transport has the potential to cut its energy use by about 26%**
 - Green technologies & infrastructure improvements are not sufficient
 - Need for shift to greener modes
 - Need for soft measures such as transport demand management, awareness raising, education and training

STEER addresses the energy aspects of transport with soft measures

STEER is part of the IEE Programme



**Energy efficiency
(SAVE)**



**Energy-efficient
transport (STEER)**

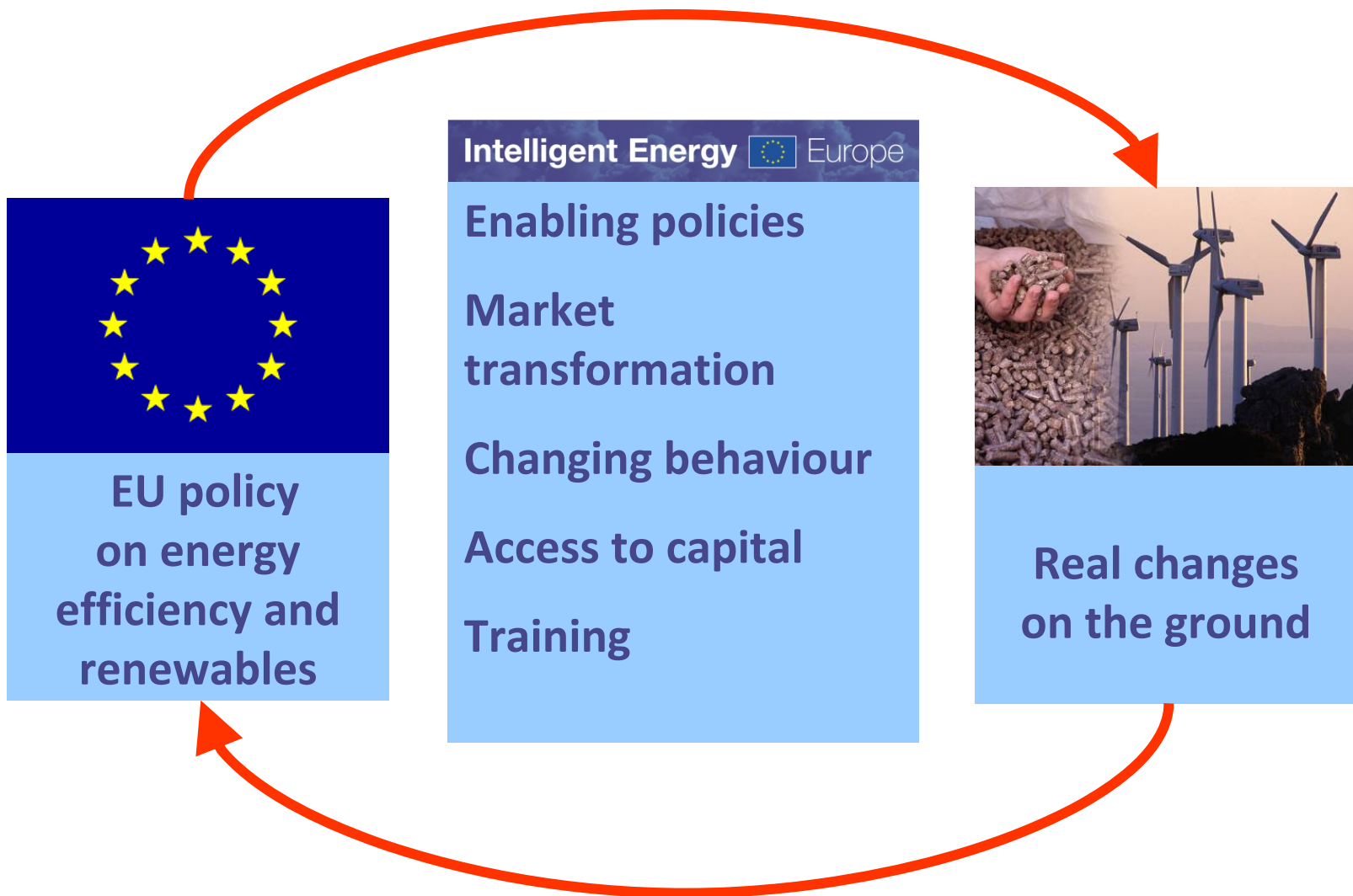


**Renewable energy
sources (ALTENER)**



**Integrated
initiatives**

IEE: TURNING POLICY INTO ACTION



STEER – overview of the 40 projects

Project Acronym	ECORAIL	EVARIM	FLEAT	GREEN POST	RECODRIVE	BIOSIRE	ECODRIVEN	TRAINER	START	INTERACTION	MOMO	CARSHARING	BAMBINI	YOUTH	AENEAS	TRENDY TRAVEL	AD PERSONAM	BENEFIT	STREAM	CONNECT	MOVE	MOBINET	T.a.T	TRAVEL PLANplus	EPOMMPLUS	COMMERCE	MIDAS	SNOWBALL	ADD HOME	ADDED VALUE	PRO.MOTION	ACTIVEACCESS	PRESTO	ASTUTE	BYPAD PLATFORM	SPICYCLES	OBIS	TREATISE	COMPETENCE	e-ATOMIUM	e-TREAM
Category	Fleets			Eco-driving	Freight	M&Travel Awareness			PT	MM&travel plans				MM&urban development				Walking/cycling				Training																			
Key action	Fuels & Vehicles			Energy Efficient Transport																Capacity building																					

**ALTENER: COMPRO
PROCURA
STARBUS
SUGRE**

40 Projects

22	Ongoing
18	Ended

Learn more about our projects through the IEE database:
http://ec.europa.eu/energy/intelligent/index_en.html

TRAINER

<http://www.iee-trainer.eu>

Improvement of Energy Efficiency by Railways.

- The programmes aimed train drivers, station personnel and company managers.
- 5 railway **operators** and 25000 train drivers were trained.
- TRAINER helped to avoid generating about one million tonnes of CO₂ every year and also other emissions (NO_x, ppm).
- A Railway operator Network has been established that will be used to update and exchange energy efficiency training programmes and facilities.



ECORAILS



- Increase energy efficiency and quality of the rail services by integrating environmental and energy requirements in procurement in the **rail sector**.
 - ▶ Barriers that can only be tackled at European level
- Quantitative energy and CO2 emission savings:
 - ▶ 5% in comparison to current awarding;
 - ▶ 10% with regard to the currently used rolling stock
 - ▶ system-wide improvement of energy efficiency for regional rail with 15% by 2020.
- Network of experts of green procurement in the railway sector

ECORails

www.ecorails.eu



Intelligent Energy



Europe

Green procurement – an increasing interest

■ *PROCURA (STEER)*

- ▶ joint procurement models, fleet scan tools and manuals to facilitate the acquisition and maintenance of AFV vehicles for private and public fleets – road transport

■ *COMPRO (STEER)*

- ▶ analyse the conditions for a common procurement at European scale of collective and public service transport vehicles – road transport

■ *PRO-EE (SAVE)*

- ▶ PRO-EE will bring together public authorities to boost energy efficiency via networking and innovative procurement, in six EU countries. It will focus on office equipment, electric street equipment and fuel-efficient vehicles.

■ *The Clean Vehicle Portal (DG MOVE / STEER)*

The Clean Vehicle Portal



Support implementation of Directive on the promotion of clean and energy efficient road transport vehicles (2009/33/EC)

Green procurement in road transport sector

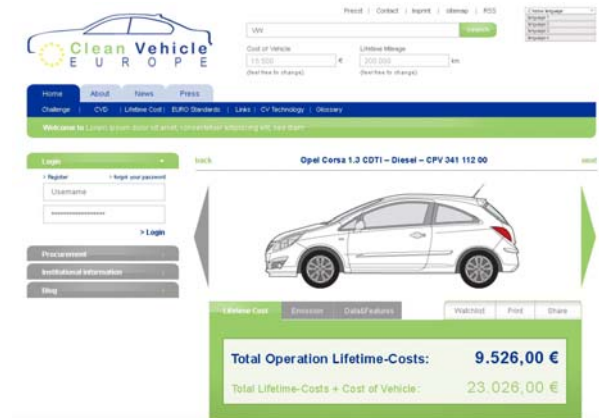
- Under this Directive, the EACI will manage the development of the Clean Vehicle Portal
- First release: June 2010
- Contract duration 24 months

Clean Vehicle Portal

Stimulating the market for clean and energy efficient road transport vehicles

The features

- access to Europe's largest vehicle database
- lifetime cost calculation, following the „Clean Vehicle Directive“ (2009/33/EC)
- interactive joint procurement
- EU wide Information about existing procurement rules and incentive schemas for Clean Vehicles
- EU wide Information about market shares of Clean Vehicles



The screenshot displays the Clean Vehicle Europe website interface. At the top, there is a search bar with fields for 'VIN', 'Cost of Vehicle', and 'Lifetime Mileage'. Below the search bar, a navigation menu includes 'Home', 'About', 'News', 'Press', 'Challenge', 'CVD', 'Lifetime Cost', 'EURO Standards', 'Leas', 'CV Technology', and 'Directory'. The main content area shows a vehicle listing for 'Opel Corsa 1.3 CDTI - Diesel - CPV 041 112 00'. A large image of the car is shown. Below the image, a table displays the following cost calculations:

Category	Value
Total Operation Lifetime-Costs:	9.526,00 €
Total Lifetime-Costs + Cost of Vehicle:	23.026,00 €

www.clean-vehicle.eu

Conclusion

- *EU faces serious and unprecedented **energy challenges** relating to sustainability and greenhouse gas emissions as well as energy security*
 - ▶ *Policy answers are formulated*
 - ▶ *IEE and STEER contribute by going from policy to real changes on the ground*
- ***Green procurement** is an important issue in all (transport) sectors*
- ***ECORails** project is highly relevant to attain energy savings in regional rail passenger transport and in the field of green procurement*



STEER

Thank you for your attention

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Intelligent Energy  Europe