

## Expected results and achievements

The major expected achievements and results of the project ALTER-MOTIVE are:

- An overview of opportunities to (i) switch to AF and AAMT; (ii) reduce unnecessary demand for transport and (iii) to increase energy efficiency of vehicles in general;
- A detailed action plan for implementing effective least-cost policy strategies for AF and AAMT in Europe;
- This action plan targets policy makers and other stakeholders, It will include detailed step-by-step-information on required actions for Europe as a whole and for specific regions and countries. In this action plan also recommendations will be provided how to promote and transfer the most promising current initiatives to other regions.
- recommendations for R&D priority settings, and scenarios showing how to meet EU targets with least-cost for EU citizens

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## PROJECT PARTNERS

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## Deriving Effective Least-Cost Policy Strategies for Alternative Automotive Concepts and Alternative Fuels

[www.alter-motive.org](http://www.alter-motive.org)

(State of the project as of October 2010)

The project ALTER-MOTIVE is supported by the European Commission, under the "Intelligent Energy - Europe" programme.

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## ALTER-MOTIVE

<b>Objective:</b>	Increase the share of alternative fuels and more efficient alternative automotive technologies in Europe significantly!
<b>Benefits:</b>	More ecologically benign fuel mix and power train structure in individual transport in Europe

### Short description of the project

The core objective of this project is to derive an action plan for implementing effective least-cost policy strategies for Europe to achieve a significant increase of alternative fuels (AF) and corresponding alternative more efficient automotive technologies (AAMT) to head towards sustainable transport.

Other major work conducted in this project comprises of:

- an investigation of about 80 recently implemented successful case studies for disseminating AF & AAMT;
- an evaluation of policies (including a toolbox) allowing to choose the most efficient and effective policies in every stage of technology maturity;
- a derivation of a set of scenarios up to 2020 for passenger transport based on these analyses.

### 10 major recommendations for policy action in passenger transport:

1. Introduce and *tighten standards* for all types of cars!
2. Revise *registration tax* system Europe-wide!
3. Harmonize *CO2-based fuel taxes* 20% on top of current highest level!
4. Promote *alternative fuels for public buses* in cities!
5. Introduce and extend *emission-free zones!*
6. Provide infrastructure for *electric vehicles!*
7. Teach *Eco-Driving!*
8. Promote *Biofuels 1<sup>st</sup> generation* cautiously!
9. Intensify R&D for *2<sup>nd</sup> generation Biofuels and H2!*
10. Mandate car manufacturers to meet *dynamic efficiency targets!*

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[www.alter-motive.org](http://www.alter-motive.org)

## MAJOR MILESTONES

### Conferences

- Final conference: 1<sup>st</sup> March, 2011, Brussels

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### Deliverables already available

Some major deliverables to be downloaded from or used at:

[www.alter-motive.org](http://www.alter-motive.org)

#### Reports:

- Country review report on historical developments in EU road transport (WP2, printed copy by request)
- State-of-the-art of ecological, economic and technical performance of AF and AAMT (WP 3)
- Strategies for the introduction of AF and automotive technologies (WP5)

#### Overviews:

- Documentation of past and current pilot projects with description and contacts (WP 4)

#### Databases:

- AF & AAMT database (state of the art)
- Transport indicators over time with special focus on AF & AAMT

