

Position Paper

Introduction

This position paper is providing additional information to the questionnaire answered for the consultation of the European Commission on the Clean Transport Systems (CTS) Initiative.

Going-Electric, Association for Electric Vehicles and their Users in Europe, would like to thank policymakers for considering our comments at this initial stage of the process and we look forward to continuous dialogue on this important subject.

In view of the Communication on alternative transport fuels to be launched in the first quarter of 2012, this position paper outlines key suggestions of Going-Electric in relation to the following points:

- ⤴ Include certain hybrid vehicles in “vehicles powered with alternative fuels”
- ⤴ Choice of alternative fuels for the transport sector
- ⤴ Setting EU legislation for recharging infrastructure

1. Include certain hybrid vehicles in “vehicles powered with alternative fuels”

Going-Electric expresses concerns as to the exclusion of hybrid vehicles in the Clean Transport Systems Initiative consultation. McKinsey scenarios in their study “*Transforming the powertrain value chain – a portfolio challenge, January 2011*” has clearly shown the importance that hybrid vehicles will represent at least before 2030, with market penetration of range-extended electric vehicles (REEV) up to 30% in 2025.

As the internal combustion engine in a REEV is only used to produce electricity through a generator and is not directly connected to the vehicle's wheels, REEV are much more clean than conventional vehicles.

REEV are also today's solution to long distance travels with an electric powertrain.

Going-Electric is therefore calling on the European Commission to include Range-Extended Electric Vehicles in the alternative fuel portfolio.

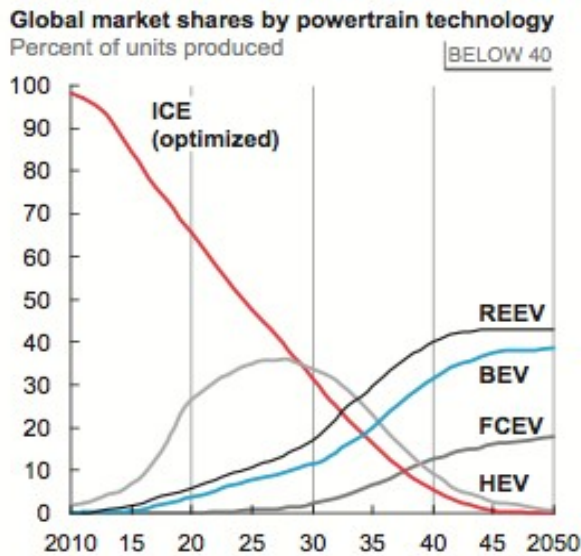


Fig. 1 - Below 40 scenario

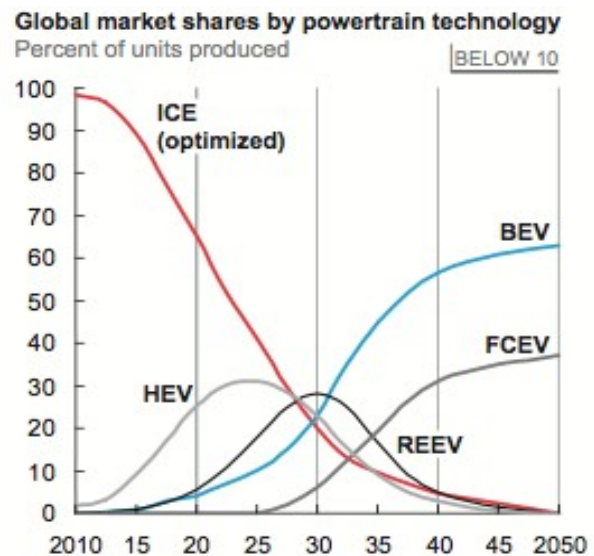


Fig. 2 - Below 10 scenario

Source: “Transforming the powertrain value chain – a portfolio challenge, January 2011” - McKinsey. Paper can be found in PDF at: <http://www.cars21.com/files/news/McKinsey%20-%20Boost!%20Transforming%20the%20powertrain%20value%20chain%20-%20a%20portfolio%20challenge.pdf>

2. Giving preference to alternative fuels in the transport sector

It is not accurate to say that European institutions are “technology-neutral”. Indeed, already today, European institutions are setting regulations forcing European automotive manufacturers to invest in improving one technology over the others (e.g. EURO 5, EURO 6). This influences how resources are spent, and therefore this approach cannot be labeled as “technology-neutral”.

Going-Electric calls on the European Commission to be technology-oriented by giving preference to certain fuels and vehicle technologies such as electric-powered vehicles (Full-Electric, Extended-Range Electric Vehicles, Plug-in Hybrid Vehicles and Fuel Cell Vehicles), based on their long-term contribution to oil substitution and decarbonisation.

Going-Electric warns the European Commission that being “technology-neutral” will endanger the future of the European automotive industry, which currently represents a significant part of the EU jobs.



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3. Setting EU legislation for recharging infrastructure

It is crucial that the public sector provides a part of electric charging infrastructure on public space in urban areas, for two reasons:

- ⤴ To give the opportunity for people living in urban areas without access to a garage to own an electric-powered vehicle.
- ⤴ To fight the “range-anxiety” effect.

This should not be the duty of private owners to invest in a charging infrastructure as electromobility is giving benefits to the society, especially in urban areas, in terms of noise reduction and air quality improvement with no tailpipe emissions.

Therefore, Going-Electric calls on the European Commission to set a European legislation requiring minimum recharging infrastructure in urban areas.

Public/private partnerships (PPP) should be created to encourage the building of charging infrastructures in urban areas.

About Going-Electric

Started in 2008, Going-Electric, Association for Electric Vehicles and their Users in Europe is an international non-profit association (AISBL) under Belgian law.

We promote all types of electrically powered vehicles in the European Union: cars, trucks, buses, motorcycles and bicycles, whether Battery Electric Vehicles, Extended Range Electric Vehicles or Fuel Cell Vehicles.

We are the leading Brussels-based organisation calling for a clear European legal framework to support European leadership in EV production and commercialisation.

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