

**TEMPLATE FOR CHARACTERISING ENERGY TECHNOLOGY ROADMAPS**

<b>REFERENCE</b>	
<b>Title:</b>	CARS 21: A Competitive Automotive Regulatory System for the 21st century
<b>Date:</b>	December 2005
<b>Author:</b>	European Commission
<b>Funded by:</b>	European Commission
<b>Hard copy reference:</b>	
<b>URL:</b>	<a href="http://ec.europa.eu/enterprise/automotive/pagesbackground/competitiveness/cars21finalreport.pdf">http://ec.europa.eu/enterprise/automotive/pagesbackground/competitiveness/cars21finalreport.pdf</a>
<b>Date accessed:</b>	August 2007
<b>Web Format:</b>	pdf
<b>IEA topics covered</b>	Transport
<b>Geographic focus:</b>	Europe
<b>Brief Abstract:</b>	The CARS 21 final report reflects the deliberations, opinions and agreements within the CARS 21 High Level Group, which was set up by Vice-President Verheugen in January 2005 to chart the way towards sustainable development of a competitive European automotive industry. Specifically, the High Level Group was mandated to make recommendations for the short, medium and the long term public policy and regulatory framework for the European automotive industry that enhances global competitiveness and employment while sustaining further progress in safety and environmental performance at a price affordable to the consumer.

<b>OUTPUTS</b>	
<b>Short Report?</b>	No
<b>Major report?</b>	Yes. (75 pages)
<b>Visualisations?</b>	No
<b>Information held on dedicated software?</b>	No
<b>- which package?</b>	NA

<b>ARCHITECTURE</b>	
<b>Timescales used:</b>	10 years
<b>Trends and drivers?</b>	Yes
<b>- list</b>	The formal objective was to make recommendations for the short-, medium-, and long-term public policy and regulatory framework for the European automotive industry, which enhance global

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	competitiveness and employment while sustaining further progress in safety and environmental performance at a price affordable to the consumer.
<b>Enablers?</b>	No
- list	
<b>Performance measures/targets?</b>	No
- list areas	
<b>Mapping of RD&amp;D activities?</b>	No
<b>Critical assessment of capabilities?</b>	No

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<b>PROCESS</b>	
<b>Methods used:</b>	
- Desk study?	Yes
- Consultation	
- Interviews?	
- Facilitated workshop(s)	
- Working groups/task force	
- Integrated Process	
<b>Stakeholders engaged:</b>	
- University based researchers	
- Other public sector researchers	Yes
- Business – technology	Yes
- Business – other	
- Government - energy	Yes
- Government – SET	
- Government - other	
- NGOs	Yes
<b>No of people engaged:</b>	
<b>Budget (if known):</b>	
<b>Commitment to re-visit?</b>	

<b>ACTIONS IDENTIFIED</b>	
<b>List of actions?</b>	Yes
<b>Actions listed according to timescale?</b>	Yes
<b>Actions prioritised?</b>	No
<b>Sequencing/dependencies identified?</b>	No
<b>Responsibility for actions identified?</b>	Yes
<b>Types of actions identified:</b>	No
- Basic research?	
- list areas	
- Applied research?	
- list areas	
- Development & demonstration	
- list areas?	
- Other types of action?	
- list other types	