



CO₂ Emission Reductions - Status and Way Forward -

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EU Conference

Energy in Motion

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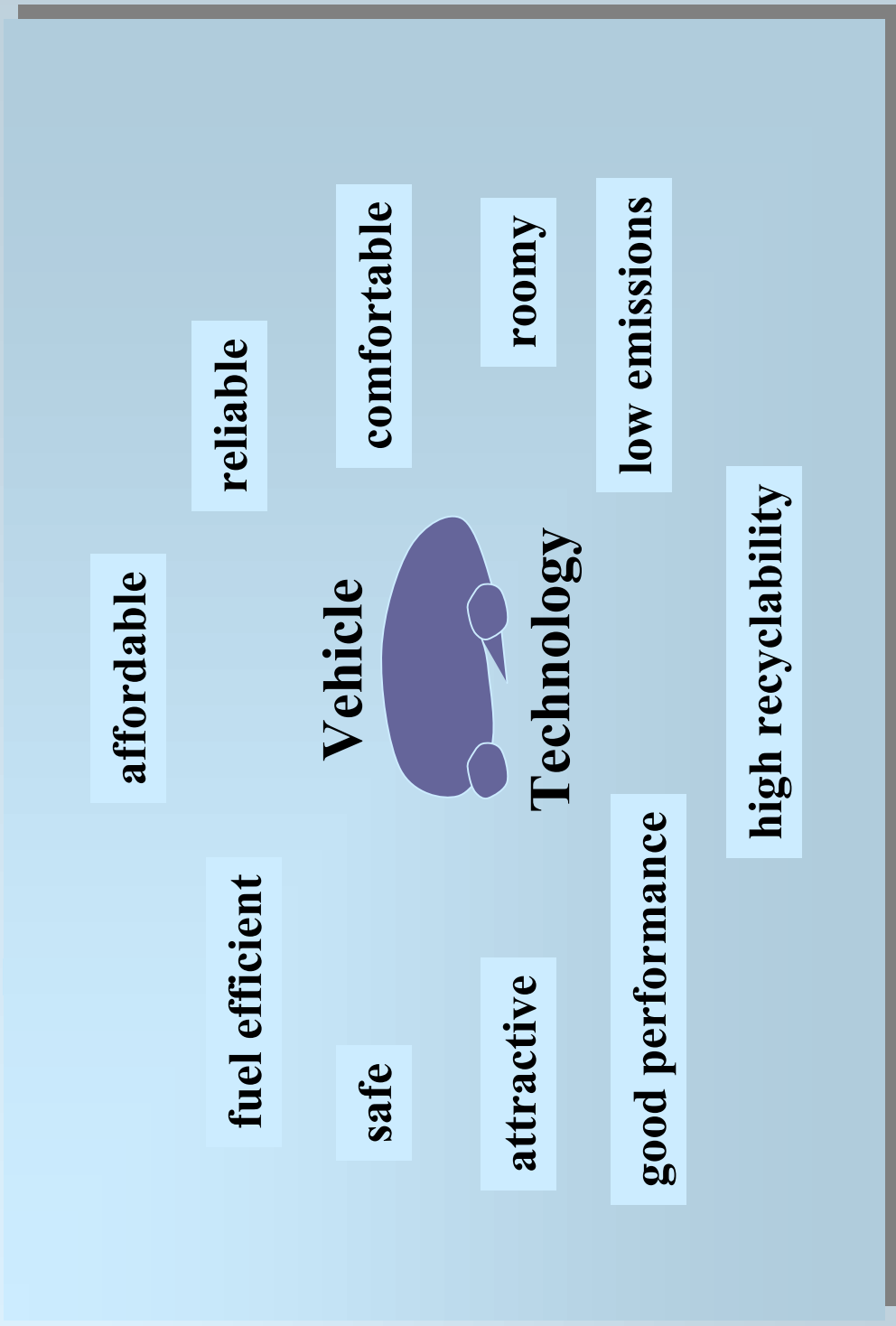


1

Challenges of Sustainable Road Transport



Vehicle Technology and Sustainability Characteristics





Political Measures Impact the Car Manufacturing Industry

CO₂ Commitment

Euro-NCAP

Mobile Air Conditioning

REACH

Vehicle



Euro V

Technology

Fuel Taxes

E-Safety

Recycling

Pedestrian Protection

Labeling



The Challenge of Sustainable Road Transport

**Vehicle
Technology**

Fuels

Global Competition

**Sustainable Road
Transport**

Social Aspects

Economic Growth

Driver

Infrastructure

Environmental Protection
and Health

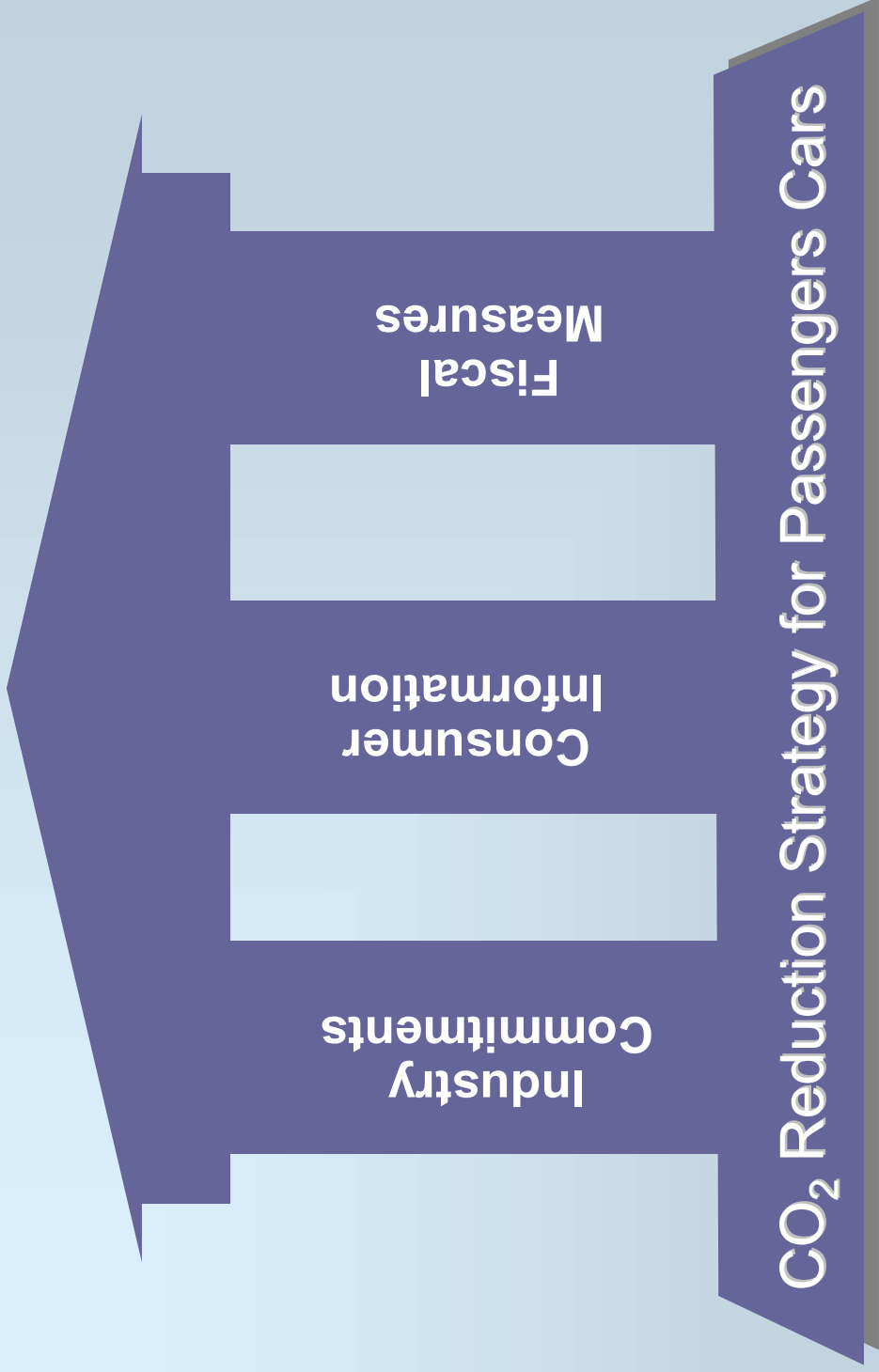


2

The EU CO₂ Emission Reduction Strategy for Passenger Cars and the ACEA Commitment



The EU CO₂ Strategy for Cars





The Commitments of the Car Manufacturing Industry

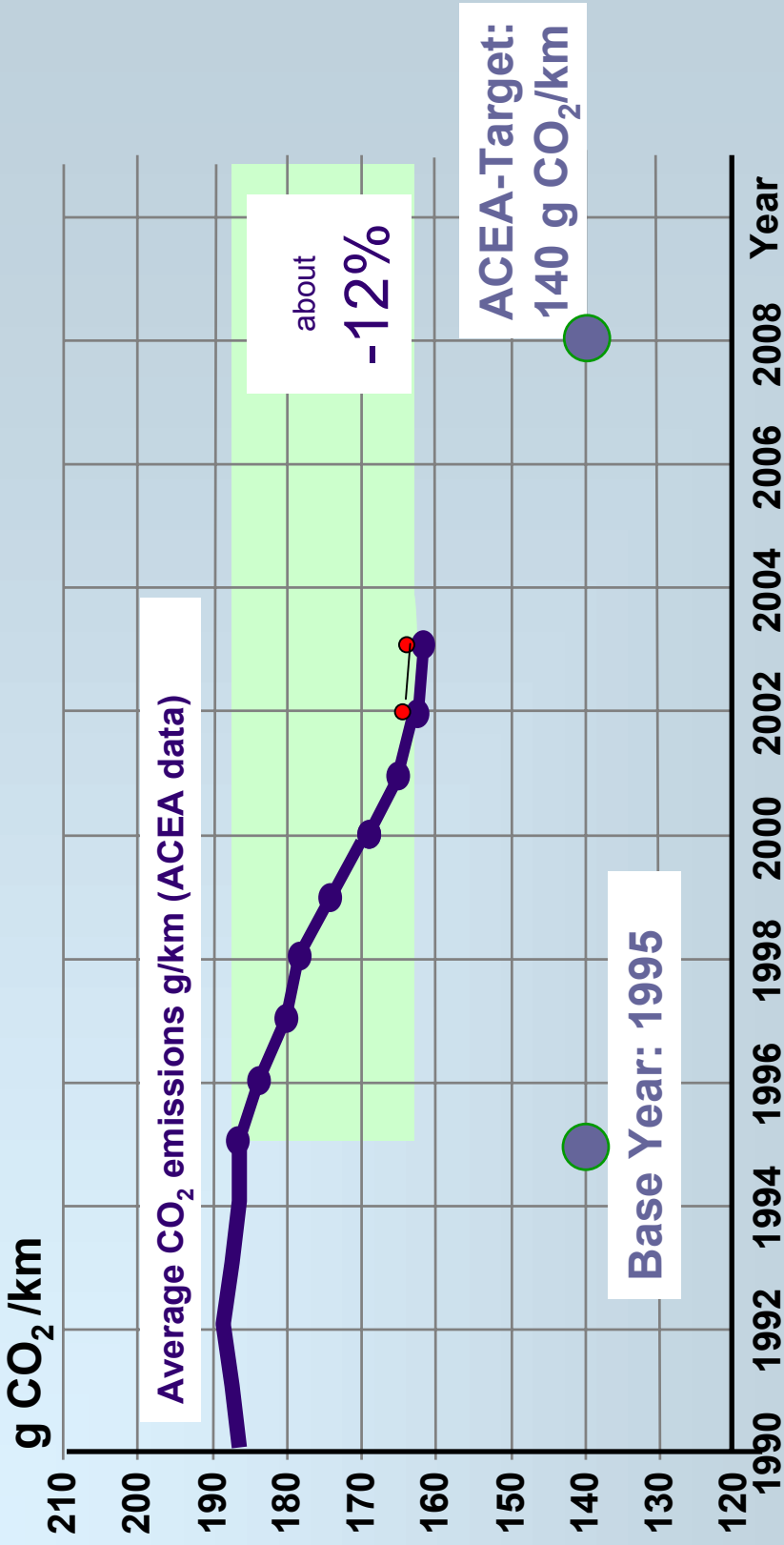
Industry Commitments

Average CO₂ emissions of new ACEA/JAMA/KAMA passenger cars to be reduced to 140 g CO₂/km in 2008/2009

CO₂ Reduction Strategy for Passengers Cars



The Status of the ACEA Commitment



- Official EU Commission figure for 2003: 163 g CO₂/km



3

Thoughts and Ideas about further CO₂ Emission Reductions of Cars after 2008



Some Remarks concerning a Vehicle Technology Focused Approach

The current vehicle-focused Commitment has reduced CO₂ emissions substantially.

Activities to increase safety, to reduce regulated emissions and to improve the recyclability often lead to an increase in CO₂ emissions.

The costs of vehicle technologies to further reduce CO₂ emissions are increasing with impacts on affordability and on global competitiveness.

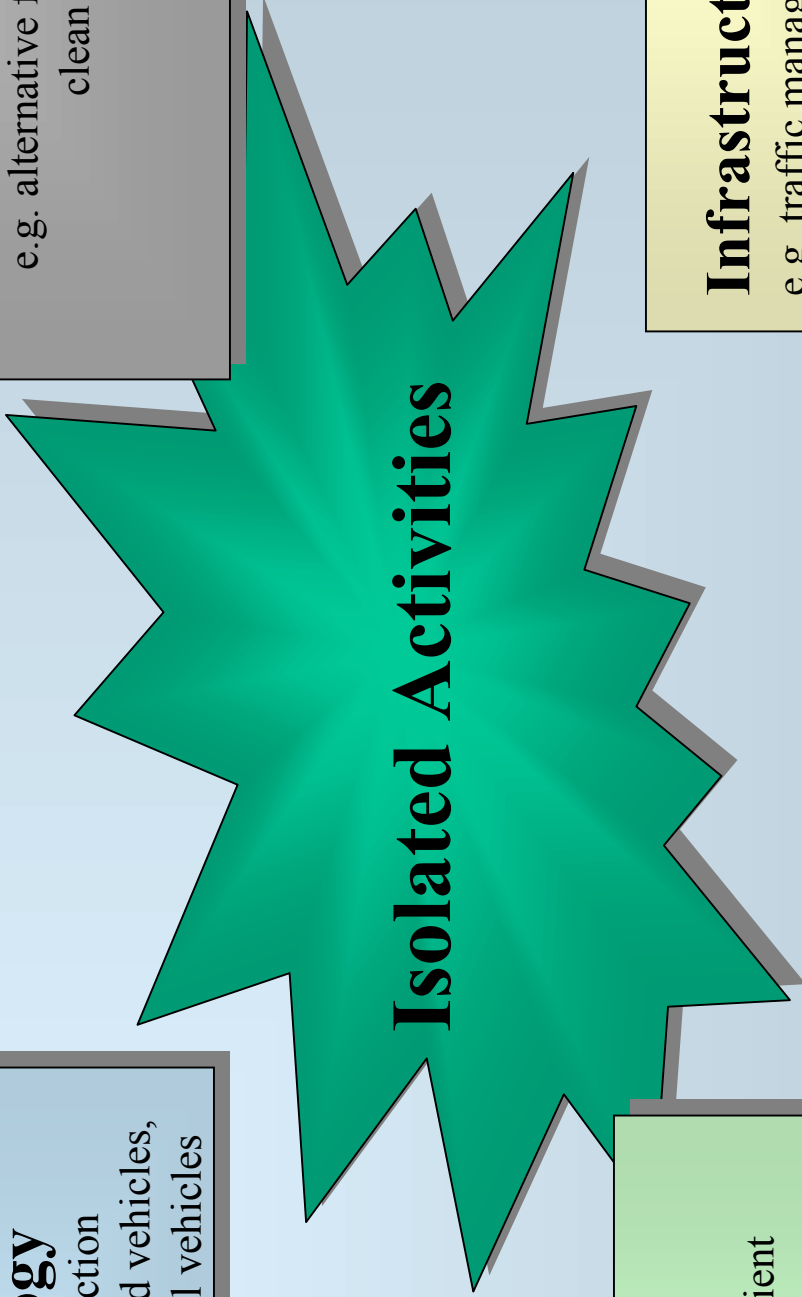
The inclusion of other stakeholders increases the effectiveness and reduces the costs to reach political CO₂ targets.



The Challenge of an Integrated Approach

Vehicle Technology
e.g. direct injection engines, hybrid vehicles, alternative fuel vehicles

Fuels
e.g. alternative fuels, clean fuels

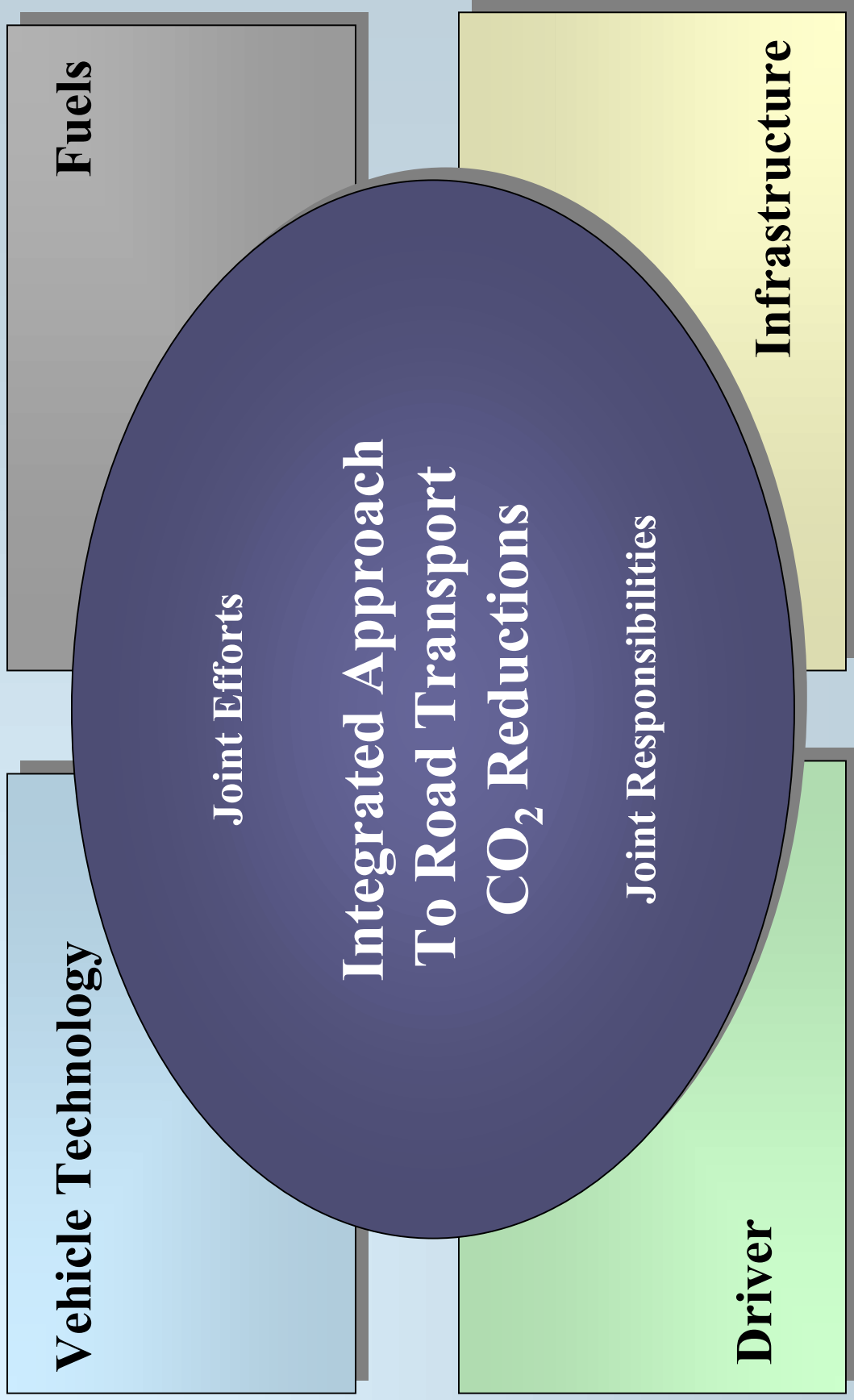


Driver
e.g. fuel efficient driving

Infrastructure
e.g. traffic management

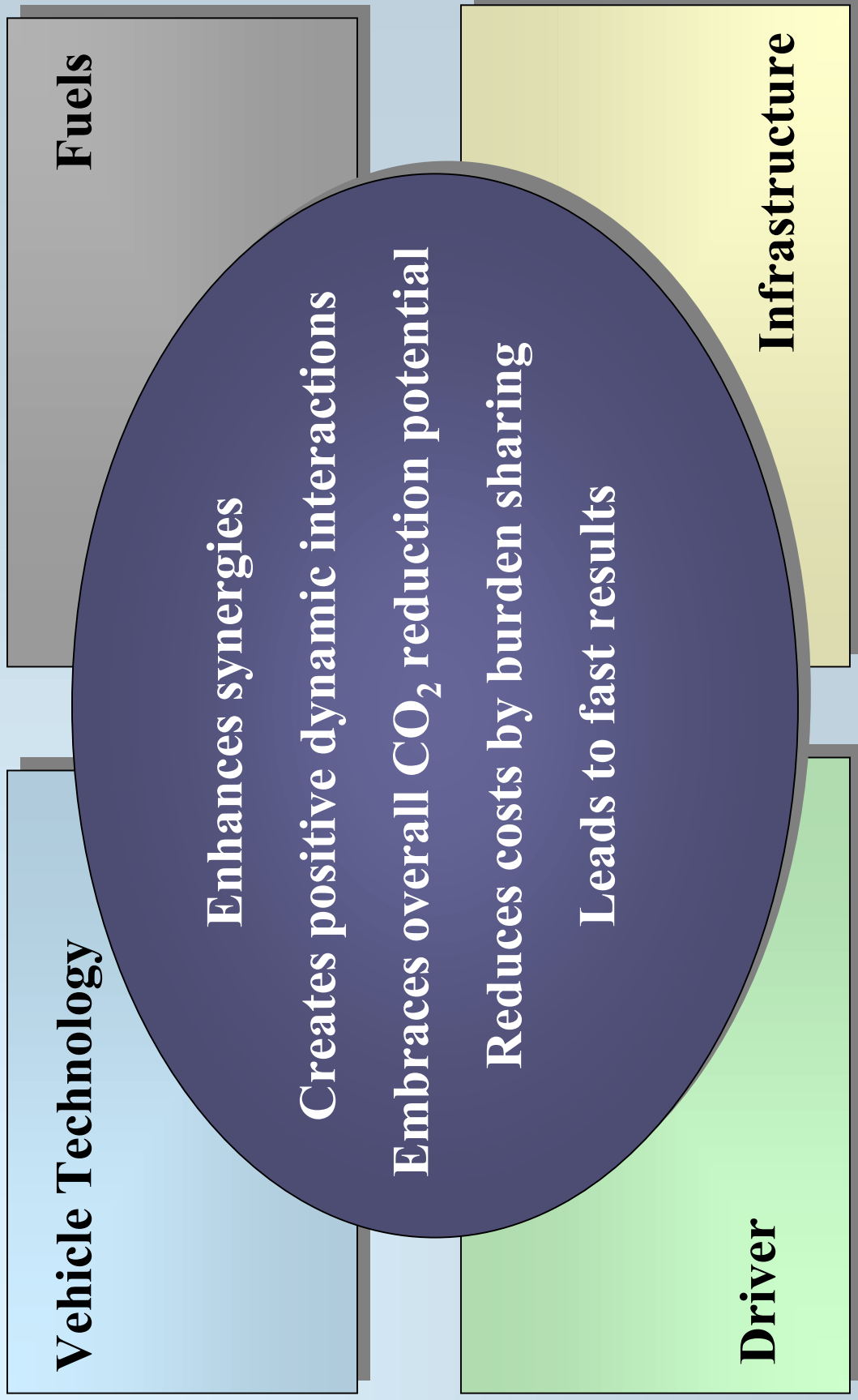


The Integrated Approach



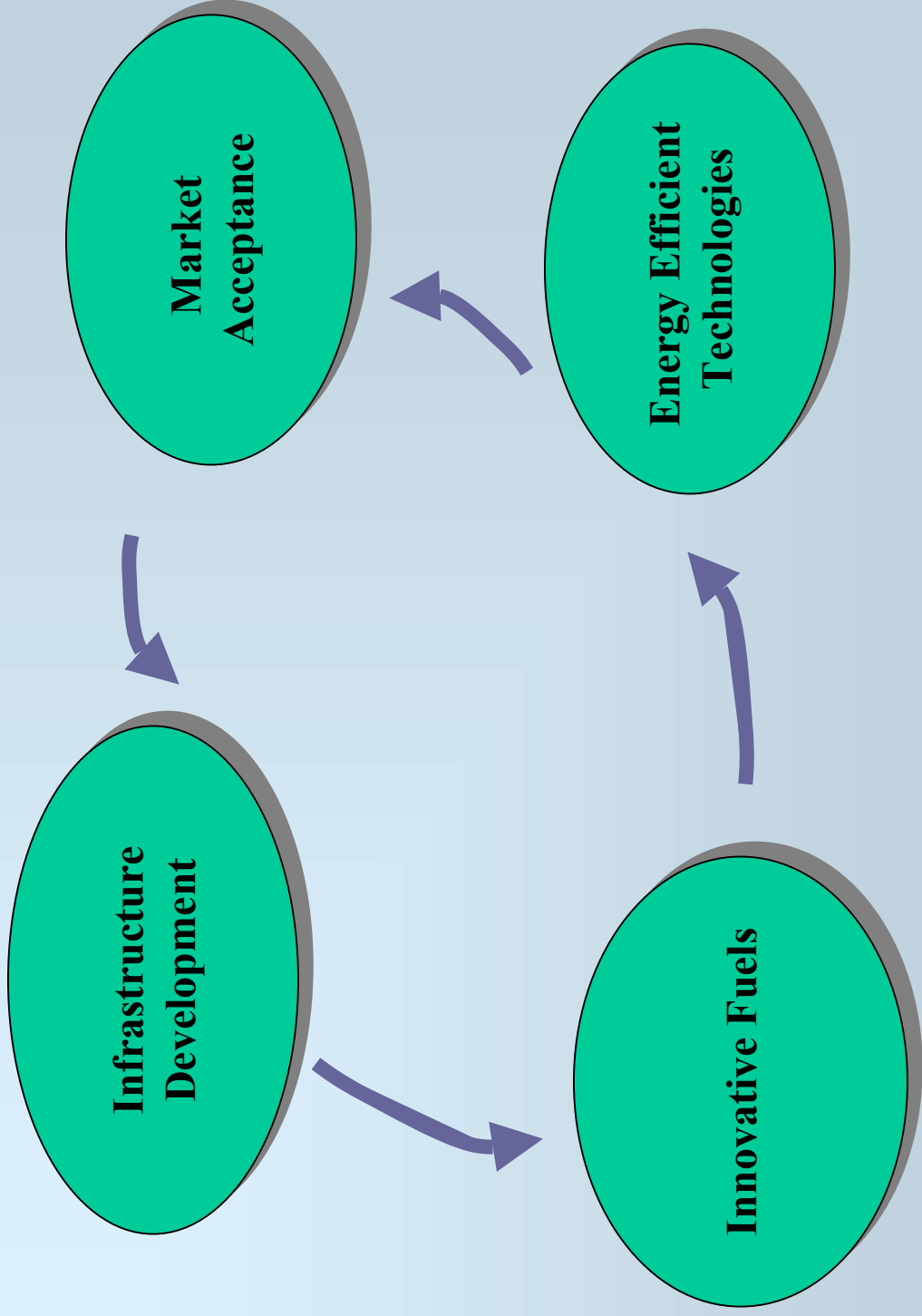


The Advantages of an Integrated Approach



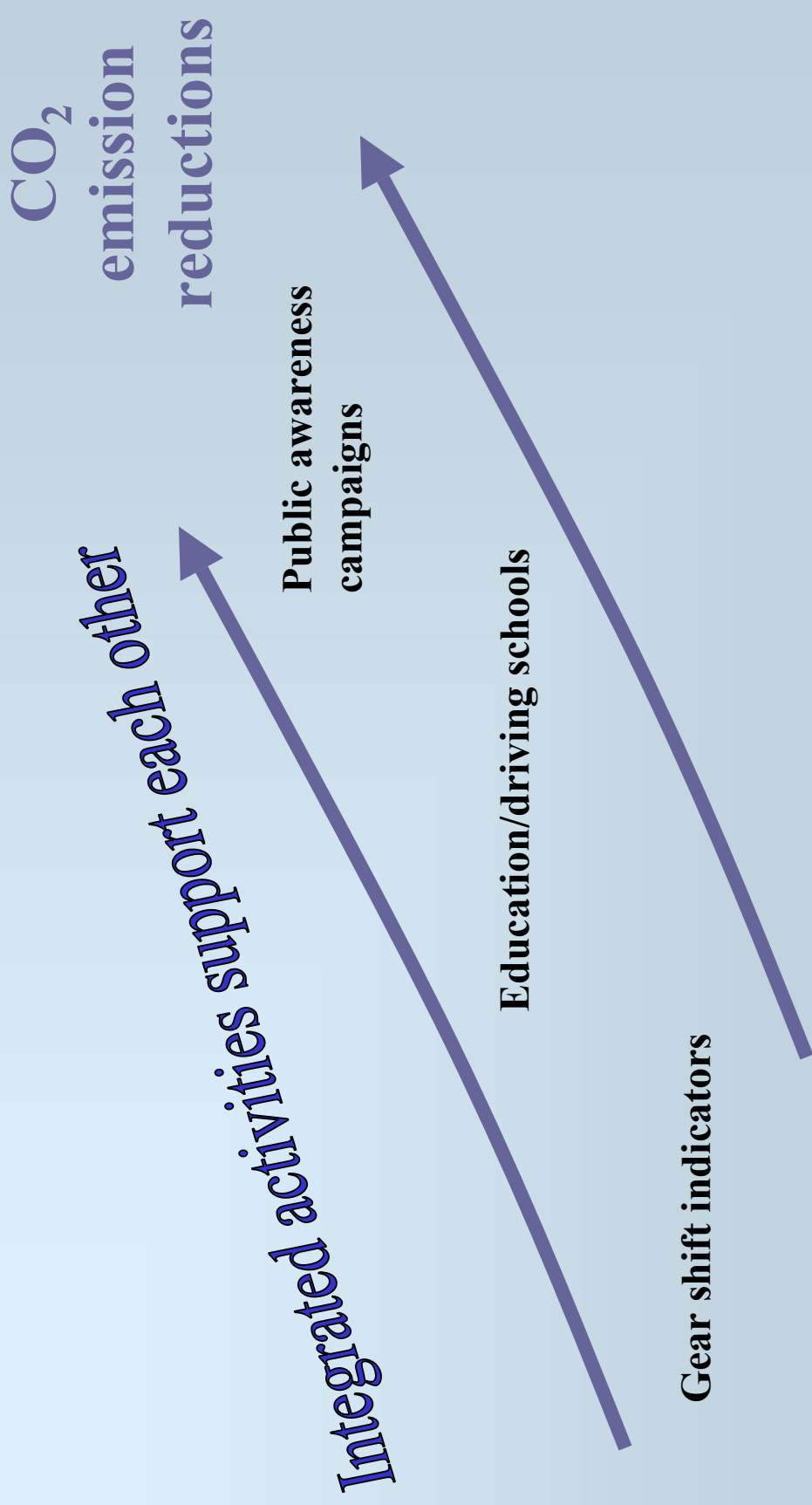


Example: Creates Positive Dynamic Interactions





Example: Enhances Synergies





Conclusion and Invitation to a Dialogue

ACEA therefore proposes an Integrated Approach and invites other stakeholders to participate in a dialogue.

It will deliver faster CO₂ savings in line with the Community's objectives -- in the most cost-effective and realistic manner.

It will draw-in various stakeholders into a joint endeavour, that will provide the best opportunity to achieve EU Kyoto targets.

It will protect the economic health and global competitiveness not only of the European automotive industry, but also of the EU economy.