

GFEI's in-country fuel economy policy 'Toolkit'



Background

We face a near tripling of the number of cars on the planet from 2010 to 2050, the vast bulk in emerging economies. Improved fuel economy is essential if we are to address some of the negative implications of this growth, such as pollution, congestion, energy and resource depletion, and environmental damage. The Global Fuel Economy Initiative (www.globalfuelconomy.org) is a partnership of the International Energy Agency, United Nations Environment Programme, International Transport Forum and FIA Foundation, which works to secure real improvements in fuel economy, and the maximum deployment of existing fuel economy technologies in vehicles across the world. The Initiative promotes these objectives through shared analysis, advocacy, and through the *Cleaner, More Efficient Vehicles Tool* for in-country policy support.



About the tool

The *Cleaner, More Efficient Vehicles Tool* provides information and real-world examples of technology and policies used around the globe to improve auto fuel economy. It is aimed at policy makers seeking to understand and design effective policies to improve energy efficiency and lower greenhouse gas emissions in their countries. It contains guidance coupled with case studies describing what is being done to improve automotive fuel economy around the world. This innovative Tool is available online from www.unep.org/transport/gfei/autotool.

The tool takes a 5-step approach to the basics of fuel economy....

- 1. Introduction:** outlines the basic principles and reasons for improving automotive fuel economy. The section also includes information on the basics of defining fuel economy and research on vehicle safety vs. fuel economy.
- 2. Instruments:** allow users to explore current auto fuel economy policies and programs – from standard-setting and fiscal policies, to labeling programs and auto technology options.
- 3. Case Studies:** showcase country and regional examples that summarize approaches to improving auto fuel economy – from Latin America, Europe, Africa and Asia.
- 4. Resources:** how efficient are cars in your country? This section includes detailed guidance on how to plan for and calculate a national fuel economy estimate in order to track progress and formulate policy, a fuel economy questionnaire, and a list of further reading and resources.
- 5. Global View:** presents the available information in map form which allows you to explore various fuel economy policies on a global, regional and national scale simply by choosing 'Global View' or any of the 6 additional regions plus any of the 16 policies in the selection box below it.



Want more information on auto fuel economy? Or guidance on how to calculate your country's average auto fuel economy?

- 1. Developing a baseline:** the toolkit contains a section on 'Developing a baseline' that allows you to learn how to estimate average vehicle stock efficiency and CO2 emissions. It also provides country examples. The GFEI supports countries to gather basic vehicle information and calculate baseline measurements for policy-making.
- 2. Interactive questionnaire:** this simple form allows you to explore different options for implementing a strategy for a cleaner, more fuel efficient vehicle stock.
- 3. Case studies summarized:** the "Case Studies at a Glance" link allows you to view all available case study information in an accessible form.

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