Mitigating climate change through sustainable urban mobility

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SAFE

CLEAN

FAIR

GREEN



CHILDREN

INFRASTRUCTURE

WOMEN

VEHICLES

















WORKING TOGETHER FOR CHILDREN



Research & Global Advocacy











Advocacy on the importance of NMT

Policy support to prioritize NMT

Tools, guidance and resources









Reduces/prevents congestion and emissions of air pollutants and GHGs through increased modal share of NMT





Increases and improves affordable access to vital services and other transport modes through integrated networks

Investments in NMT Infrastructure

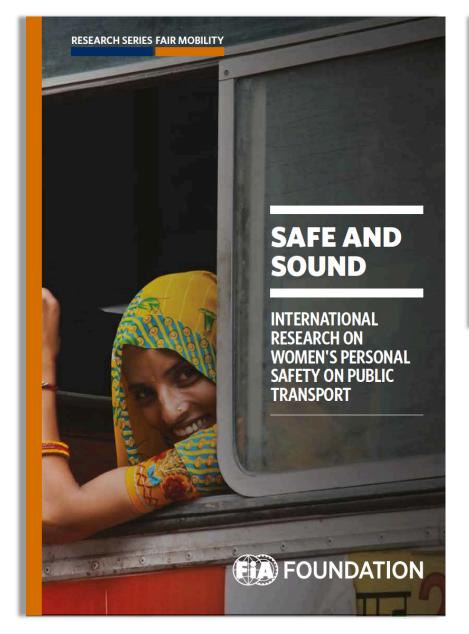


Improves safety for all users by protecting vulnerable users through protected facilities







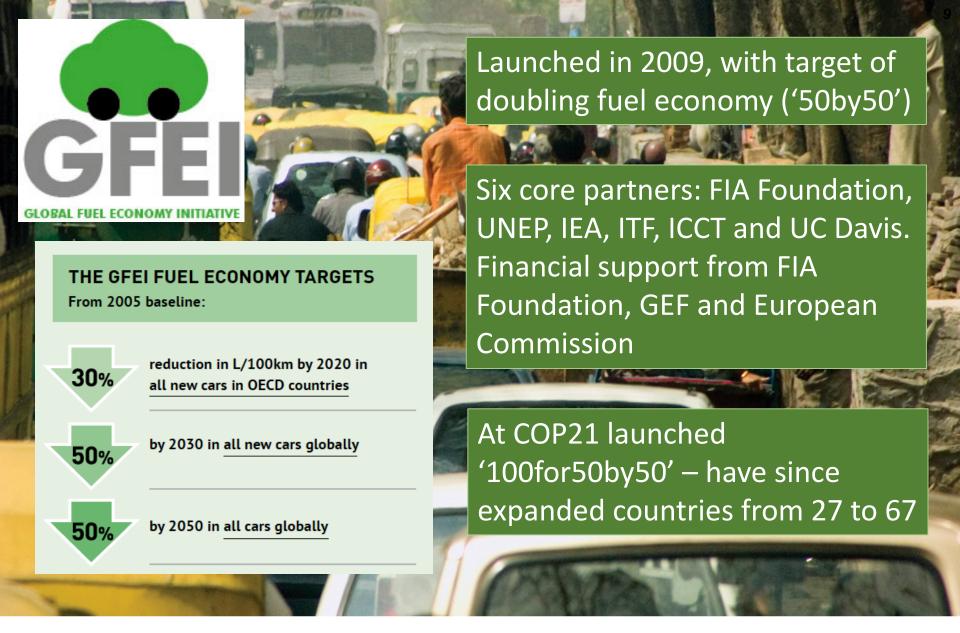








#SHEMovesSAFE















WHAT CAN FUEL ECONOMY DELIVER?

Financial Savings





\$2 trillion savings

A total of **\$2 trillion** could be made in fuel savings by 2025, **\$500 billion** of which would fund the costs of initiating a transition to electric vehicles.

Reduced dependence on oil







Lower carbon emissions



300 fewer power stations

The **33Gt** of CO₂ that could be saved between 2015 and 2050 is roughly the equivalent of closing **300** coal power stations over the same time period.

From associated improved vehicle emissions standards



WHAT DOES GFEI DO?





RAISING GLOBAL AWARENESS

IN-COUNTRY
POLICY
SUPPORT







RESEARCH AND EVIDENCE















GFEI's '100 for 50by50'



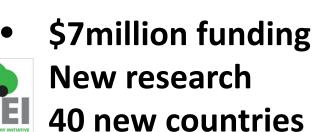




















2017 – A focus on Africa

KENYA

As a result of GFE's support, Kenya is now adapting its vehicle tax policies to incentivise imports of newer, more efficient, vehicles.

GFEI hosted a stakeholder workshop in Nairobi, on the 12th May 2016 to discuss new proposals for a vehicle taxation scheme to promote the importation of cleaner, more faul efficient vehicles in Kerya. The event shared the findings of a report developed by the Keryan Energy Regulatory Commission in collaboration with the University of Nairobi, and supported by GFEI through UNEP with DEID sandless.

The report anilement vehicle fael economy brends and identified golicy proposals to improve vehicle fael economy in Kenya. The report proposed two policy instruments: a feebate! tax system and a vehicle labelling scheme. A feebate tax structure proposes a fee or leny on inefficient vehicles and a relate or enflued on efficient vehicles and a related or enforcement vehicles while a vehicle labelling scheme provides information on which feel efficiency to consumers. The report also illustrates what a Kenyan vehicle label could look like.

SOUTH AFRICA

Fuel economy baseline and policy development

GFEI has been supporting South Africa to develop a fuel economy baseline, including data analysis and stakeholder workshops. The baseline analysis is the first step towards new vehicle EE/CO, emissions standards development as it sets the initial input to model the potential benefits of adopting new-vehicle EE/CO, standards.

As part of the baseline analysis project a workshop was held in Pretonia (Aug 25th) on fuel economy standards. The workshop was attended by a local and state government officials from the departments of Transport, Energy, and Environmental Alfairs, City of Tolwares, Johannesburg Metrobus, as well as technical experts from the South African National Energy Development Institute, and NGOs, all involved in transport and climate issues.

The purpose of the workshop was to present preliminary results of the baseline study, to have a chance to describe how FE and CO₂ standards work, and to listen to stakeholders' questions and comments on the idea of potentially adopting standards. The baseline analysis report will be finalized by the end of November 2016.

BOTSWANA

Botswana is developing a new fuel economy baseline to inform policy

On 22-28rd March 2016, the Department of Energy hosted is national workshop to discuss, opportunities for improving fuel economy. Around 35 participants attended the workshop, including a sange of stakeholders from the energy, emissionement and transport section. Both the Bothwaran Deputy Permanent Secretaries for Tempy and Environment participated in the workshop, It was proposed that, a Bothwaran which in wentury be understate and Bothwaran has subsequently signed an agreement with GFEI to work on fuel concerny baseline analysis and policy development.

COTE D'IVOIRE

Focus on improving fuel efficiency of vehicle imports

GFEI has been working with Cote D'Ivoire since 2012. In 2015, ICCT supported the development of a vehicle field baseline and analysis. This showed a relatively high average fuel economy. As a result, Ivory Coast allocated GEF STAR funds to support work, including vehicle import analysis to calculate the average fuel economy for subsequent years, 2013- 2015 is currently origining, and a data entry tool that will help capture fuel economy data at the point of vehicle import neglistration is being developed. The next steps will be to develop fuel economy policies that will support registration is being developed. The next steps will be to develop fuel economy policies that will support in a support of cleaner, more efficient vehicles.

E BENIN

Finalising vehicle baseline

GFEI has been supporting work in Benin since 2013, and an inter-agency task force was established to coordinate the project and review whice importation in Benin with the objective of promoting cleaner, more fleel efficient which the objective of promoting cleaner, more fleel efficient which the SIMP symmetric to looking at collaborating with various partners and regional players to support fluralisation of the fuel economy inventory.

☑ UGANDA

Developing new policies as part of Nationally Determined Contribution (NDC)

GFI has been vecking with Uganda since 2013, and finalised a baseline analysis of the vehicle fleet in 2015 which shows that the average age of vehicles is very high and they are not very efficient. GFI is supporting the government to take forward a range of improvements, which are included in the MDC. These include a fuel economy policy and new vehicle standards, age limits, impection and maintenance systems and a whick labelling to theme.

ALGERIA

GFEI has been working with the Algerian government since 2014, and held a workshop in June 2015, which proposed introducing vehicle labelling and a review of which facation borders.

NEW COUNTRIES

As part of GFEr's 100 for 50 by 50' campaign, GFEI is finalising agreements to work with the following:

- O Botswana
 O Burundi
- Malawi
 Mali
- G Djibouti
 G Ghana
 Liberia
- (1) Mozambique (1) Zambia (1) Nigeria (1) Zimbabwe

EIG

2

(3 Tanzania

() Topo

10

O Reanda

7

NORTH AFRICA

MOROCCO I TUNISIA I EGYPT

GFEI has supported the development of fuel economy baselines in Microcco, Tunisia and Egypt, which were published in 2015, alongside proposals for fuel economy improvements.

MAURITIUS

Successful feebate scheme

GFEI has been working with Mauritius since 2010. Since then, Mauritius have introduced a series of measures to improve fuel economy, including a feehate scheme which incentivised vehicles with lower emissions. These incentives resulted in an immediate shift to cleaner and more efficient cars. Fuel economy improved from an average of 7 L/100km in 2005 to 6.6 L/100km in 2013 and 5.8 L/100km in 2014. GFEI is currently working with Mauritius to monitor the ongoing impact, propose additional policy measures for light and heavy duty vehicles and replicate the scheme in the region. This year the government replaced the feebate tax system with a new tax structure to further encourage importation of electric and more efficient. vehicles, Leosons learned from Mauritius are used in almost all other GFEI country projects.

E ETHIOPIA

GFEI developed fuel economy policy proposals with the Ethiopian Transport Authority and the Addis Ababa Institute of Technology in 2010. The vehicle fleet has doubled since then, and the country is considering policy options.

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ECOWAS

GEE, through UNEP, is working with the Economic Community of West African States (ECOWAS) to support the development of a West African regional clean and efficient vehicles readmap that will contribute to reduced vehicle CO₂, emissions worldwide in line with the GEI target of doubling vehicle had efficiency by 2050. The ECOWAS Commission brings together 15 West African countries - Benin, Burkina Faso, Cape Verde, Cote of Violen. The Gambas, Ghana, Guinea, Guinea Bissau, Liberia, Mall, Niger, Nigeria, Sierra Leone, Senegal and Tigo, Already several West African countries are developing GEI baseline data, and policy proposals. The

ECOWAS Commission has been active in promoting cleaner, lower sulphur fuels in the region, as well as promoting a regional outlook to vehicle importation. The ECOWAS Commission recommended implementation of vehicle fuel economy work as the next step for the subregion at regional workshops held in May 2015 in Abidga and in June 2016 in Abuja. The support to the ECOWAS to develop a regional fuel economy roadmap will build on past and on-going support to some of the ECOWAS countries on the GFEI. Some of the countries that the GFEI has been initiated or is planned are Cote d'Ivoire, Benin, Liberia, Togo, Mali, Ghana and Nigeria.









THANK YOU

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