

Report on the Global Fuel Economy Initiative
National Workshop
13 December 2017



Rainbow Towers Hotel, Harare

1.0 Introduction

The Global Fuel Economy Initiative (GFEI) National Workshop was held on 13 December 2017 under the theme, “Promoting Cleaner and Efficient Vehicles in Zimbabwe”. The GFEI National workshop was a follow up to the GFEI Inception Workshop that was held at the same venue on 24 March 2017.

The GFEI National Workshop was attended by 53 participants who included:

- The Permanent Secretary in the Ministry of Energy and Power Development.
- The Director Petroleum in the Ministry of Energy and Power Development.
- The United Nations Environment Program Official
- The Chief Executive Officer of Zimbabwe Energy Regulatory Authority.
- The Technical Director of the Zimbabwe Energy Regulatory Authority.
- Senior Government Officials from the Ministries of Transport and Infrastructural Development, Ministry of Health and Child Welfare and Ministry of Industry and Commerce.
- Senior Officials from the Environment Management Agency.
- Senior Officials from the Zimbabwe Revenue Authority.
- Officials from Consumer Organisations.
- Motor Vehicle representatives.
- Officials from Tertiary and Research Institutes.
- Officials from the Media.

The opening remarks of the workshop were given by the Chief Executive of the Zimbabwe Energy Regulatory Authority (ZERA), Dr Eng Gloria Magombo. The Permanent Secretary in the Ministry of Energy and Power Development officially opened the workshop.

2.0 Presentations

The Permanent Secretary indicated that Zimbabwe was spending US\$2 million on fuel daily and this was not sustainable for the country which is currently facing serious forex shortage. The Secretary hoped that the recommendations from the GFEI program would greatly help reduce the fuel budget for the country. The Secretary also indicated that the Government was working on mechanisms to make Zimbabwe a centre of biofuels production. The Secretary highlighted that he was looking forward to getting the final report of the vehicle study.

The representative from UNEP, Jane Akumu made a presentation which highlighted the following information on global fuel economy initiatives:

- The global current vehicle population is about 1 billion and could rise to 3 billion by 2050 .
- Zimbabwe has about 114 vehicles per 1000 people, while Europe has 500 vehicles per 1000 people.
- The transport sector is responsible for about 23% of carbon dioxide emissions.
- From the study done by the University of Zimbabwe, Zimbabwe has an average fuel economy of 8.4 l/100km which is above the global average.
- Kenya is currently in the process of carrying out vehicle labelling.
- Viet Nam is labelling motor cycles.
- China banned fossil fuel motor cycles and now has 250 million motor cycles.
- Thailand has introduced labelling and carbon dioxide tax as measures to improve vehicle fuel economy.
- Sri Lanka has been noted to have a high number of registered hybrid and electric cars.

3.0 Summary of Findings by University of Zimbabwe

Researchers from the University of Zimbabwe won the tender to carry out the vehicle baseline study in Zimbabwe. The study was carried out for registered vehicles in the years 2005, 2008, 2011, 2013 and 2016. Below are tables summarising the key findings:

Table 1: Population trends of registered vehicles

Year	2005	2008	2011	2013	2016	Total
New	1978	5235	5645	3660	1746	18264
	15.7%	18.8%	9.7%	5.5%	3.8%	8.6%
Used	10581	22595	52531	63222	44666	193595
	84.3%	81.2%	90.3%	94.5%	96.2%	91.4%
Total	12559	27830	58176	66882	46412	211859

Table 2: Fuel consumption classified by vehicle condition

Year	Fuel Consumption (L/100km)		
	Used	New	Total
2005	8.6	7.9	8.0
2008	9.2	7.2	7.6
2011	8.6	8.6	8.6
2013	8.8	8.5	8.5
2016	8.8	8.3	8.4
Average	8.8	8.3	8.4

Table 3: Mean Age at Registrations

Year	Mean Age at Registration (years)
2005	8.9
2008	8.5
2011	10.9
2013	12.1
2016	13.3
Average	11.4

4.0 Other Comments/Recommendations from Consultant

- The Zimbabwe Revenue Authority (ZIMRA) currently charges a surtax of 35% for imported vehicles above 5 years. This is however not deterrent as Zimbabweans buy cheap vehicles making the surtax charge insignificant.
- There is need to incentivise importation of fuel efficient vehicles and taxes should be based on carbon dioxide emissions.
- There is need to incentivise importation of hybrid vehicles as the data analysed does not have any hybrid vehicles.
- There is need for a serious consumer awareness on fuel economy.
- There is need to have and enforce vehicle emission standards.
- There is need to implement traffic control measures and use of public transport.
- There is a need to put an age ban on imported vehicles.
- There is a need to encourage eco-driving and construction of infrastructure that encourages practises such as cycling.

5.0 The Workshop In Pictures

The Permanent Secretary in the Ministry of Energy and Power Development, Mr P.I. Mbiriri officially opening the GFEI National Workshop.



The CEO of ZERA, Dr Eng G Magombo addressing the workshop



Dr P Tagwireyi from the University of Zimbabwe responding to a question from a participant.



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