

Promoting Cleaner Used Vehicles in Africa

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Current Situation

Used Vehicles Key Issue

- Used vehicles a key issue for most African countries
- In East Africa 70% of GHG emissions coming from transport sector
- Providing opportunities and challenges
- Quality of cars being exported (diesel)
- Link to road safety
- System approach - fuels issues/ maintenance/ urea/

Top 10 vehicles importing countries in Africa import ~800,000 vehicles

Top 10 sub-Saharan African importers of used passenger vehicles from the US, Japan and EU in 2013

Country	Number of passenger vehicles	Percentage
Benin	303,395	37%
Nigeria	223,608	27%
Ghana	69,247	8%
Kenya	57,036	7%
South Africa	50,422	6%
Tanzania	28,173	3%
Guinea	27,585	3%
Cameroon	26,848	3%
Togo	24,119	3%
Uganda	20,527	2%

Examples

- More than 42 million used cars in Africa (2014)
- Mainly Japan (RHD) and Europe (LHD) + bit US
- Imports of used vehicles higher than new - Kenya 96% and Nigeria 99%
- internet based sales (-Nigeria 90%)

Country Examples

- Uganda - The average age of diesel cars 16.4 years; and petrol cars 15.4 years (2014)
- Kenya – 96% of cars imported are used; 8 year max results in relatively young fleet
- Liberia – 90% used vehicles, 10% annual growth rate

Country Examples

Mauritius

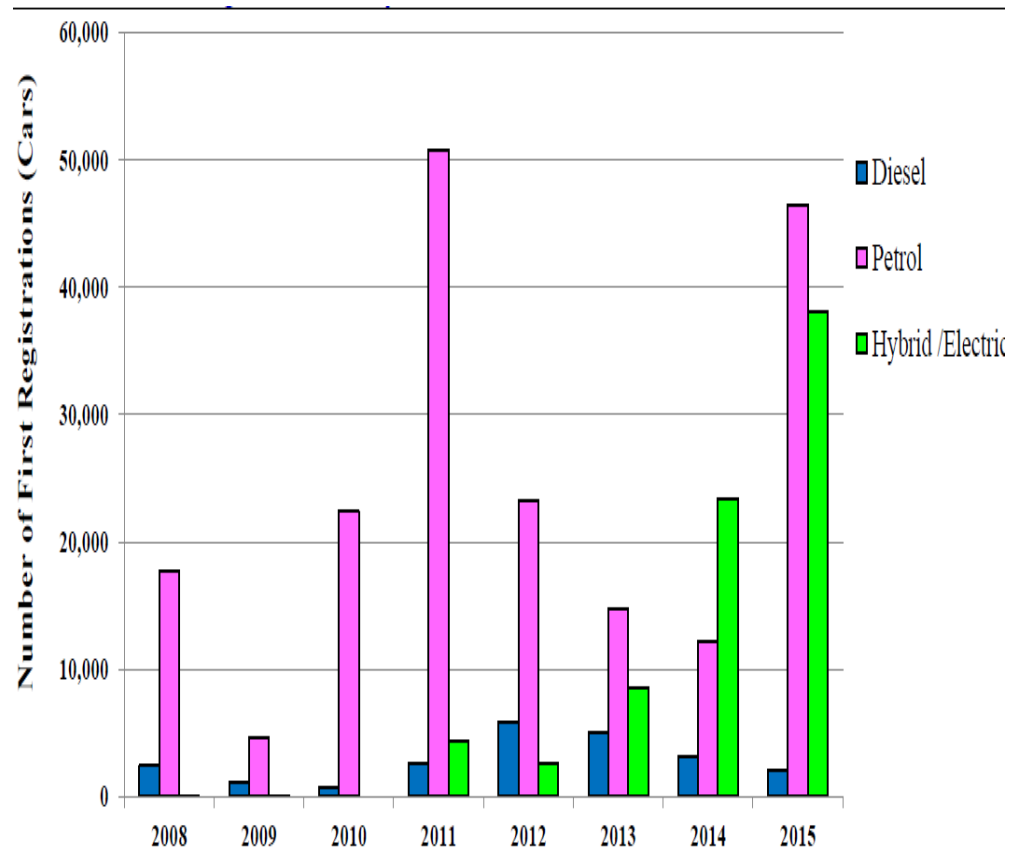
- CO2 tax/ feebate scheme from 2011
- In 9 years cars efficiency improved by about 20%
- 50% discount excise duty on (H)EV
- (H)EV gone up from 43 to 1832 (2009 to 2014)
- 3 years max used vehicles age limit

Country Examples–Mauritius (2016)

Type	Current	New
Conventional		
Up to 550 cc	15%	0
551-1000 cc	55%	45%
1001-1600 cc	55%	50%
1601-2000 cc	75%	No change
Above 2,000 cc	100%	No change
Hybrid		
Up to 1600 cc	55%	25%
1601-2000 cc	75%	45%
Above 2000 cc	100%	70%
Electric cars		
Up to 180 Kw	25%	0
Above 180 Kw	25%	No change

Opportunities

Leapfrog to clean technology in affordable way





2011/3 NISSAN LEAF G

★ Add to Favorite

Location: JAPAN OSAKA

Price: **\$4,293**

Total Price: **\$ 5,613**

Mileage		Engine			Trans	
40,000		80kw (EM61)			AT	
ZAA-ZE0	ELECTRIC	RHD	2WD	5 Seats	5 Doors	

Power Steering | Air Conditioner | Rear Spoiler | Navigation | Air Bag | Anti-Lock Brake System | Fog Lights | Power Windows

Stock Id: VK8292



STOCK 2014 Nissan Leaf GSDTVBLED

AZE0-110***

IAA Co.,LTD: ★★★★★ ?

Year	Engine Capacity	Mileage	FOB Price	Estimated Total Price ?
2014	70cc	52,000km	US\$9,845	> Select your Country & Nearest Port

AT No Accident

★ Add to Favorite

Send



STOCK 2015 Nissan Leaf 4 * G * Pure Navi Cruise control TV Bcam ETC LED

AZE0-117***

BT-Cars: ★★★★★ ?

Year	Engine Capacity	Mileage	FOB Price	Estimated Total Price ?
2015	1,000cc	20,125km	US\$11,970	> Select your Country & Nearest Port

2015 Nissan Reef G Pure Navi TV B Camera ETC Sheet Heater Aluminum *

RHD Electric CVT 2WD No Accident

★ Add to Favorite

Send



NEW
NISSAN LEAF
(AZE0)
Ref: CFJ1868519

2016/-

1,500 cc

11,000 km

-

-

Japan

US\$15,602

📍 Select final country & port

❤ Favorite

Free Quote

➕ Compare

Auction Grade **4.5 B**

Status of African Countries based on a recognized
'strong' 5 year age limit



● Strong ● Fair ● Weak ● Banned

Recommendations

How can we make sure we get quality used vehicles, fit for our operating environments, that don't have adverse financial and environmental/ health impacts?

- Age – (3 to 5 yrs)
- Fiscal incentives (proven to work well)
- Clean tech policies (leapfrog)
- Information and awareness (labeling?)
- Harmonization (essential)

Some Myths

- *“Used cars are inferior to new cars”*
- *“Used cars are polluting and thus should be banned”*
- *“Restricting access will deny access to affordable cars”*
- *“Quality cars are more expensive”*
- *“Restricting used cars will reduce revenue”*
- *“We can not maintain these cars”*
- *“It is impossible to regulate this trade”*

Next

- Data report UN Environment
- PCFV (Partnership for Clean Fuels and Vehicles) report
- Global programme

New Programme

- Objective – quality used vehicles for Africa
- Environment and road safety
- Harmonization
- Importing countries/ exporting countries/
export companies/ international agencies
- With a fund - USD 1 per exported car;
exporters to contribute

New Programme

- awareness
- support policy and standards
- stop dumping unsafe and dirty vehicles
- Leapfrog clean and safe technology
- support harmonization
- labeling / certification for quality
- training and capacity building
- quality and compliance checks
- address illegal practices
- end-of-life vehicle recycling

Thank you

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United Nations
Environment Programme