

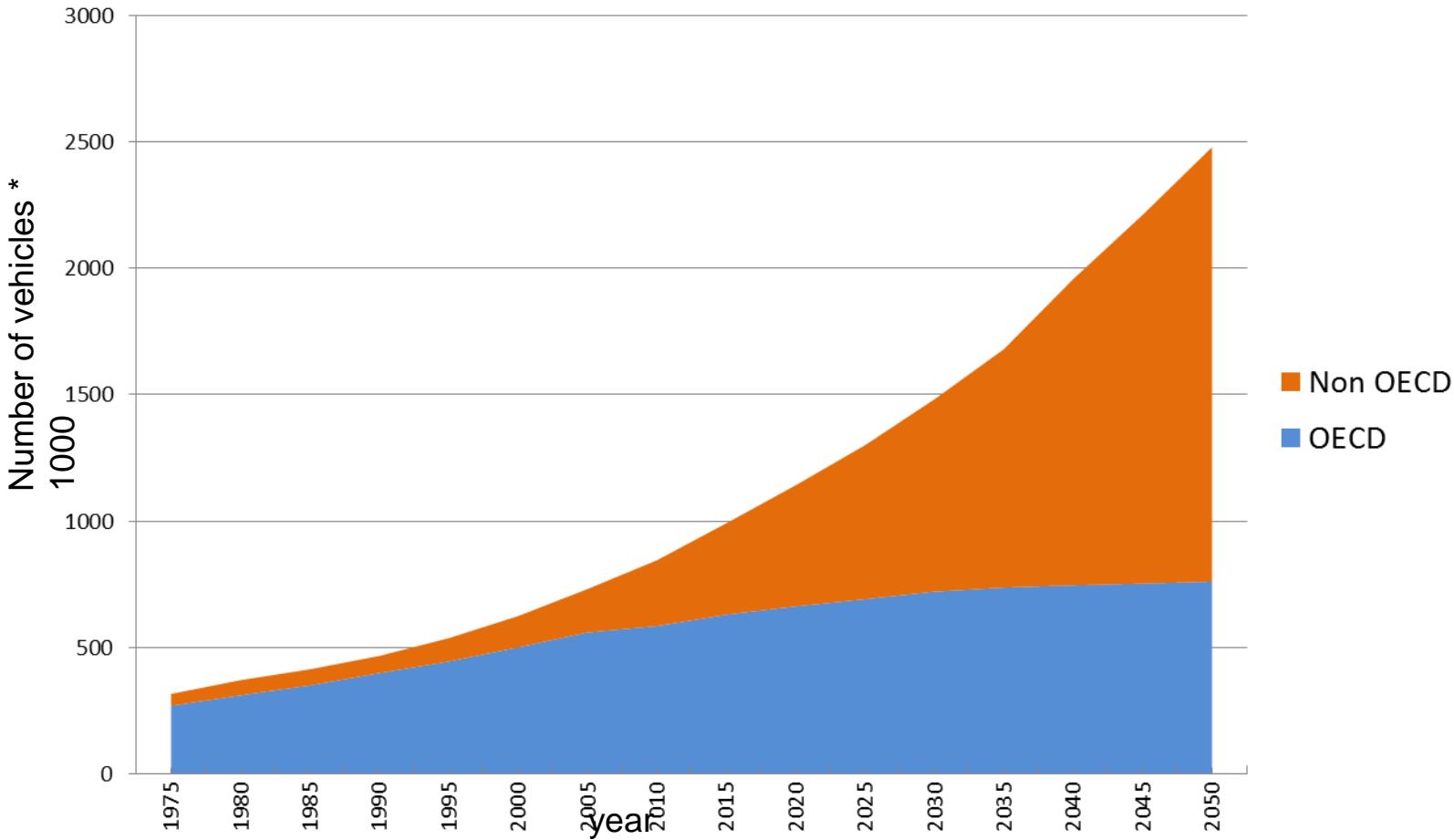
GFEI Project Objectives

Jane Akumu – UN Environment

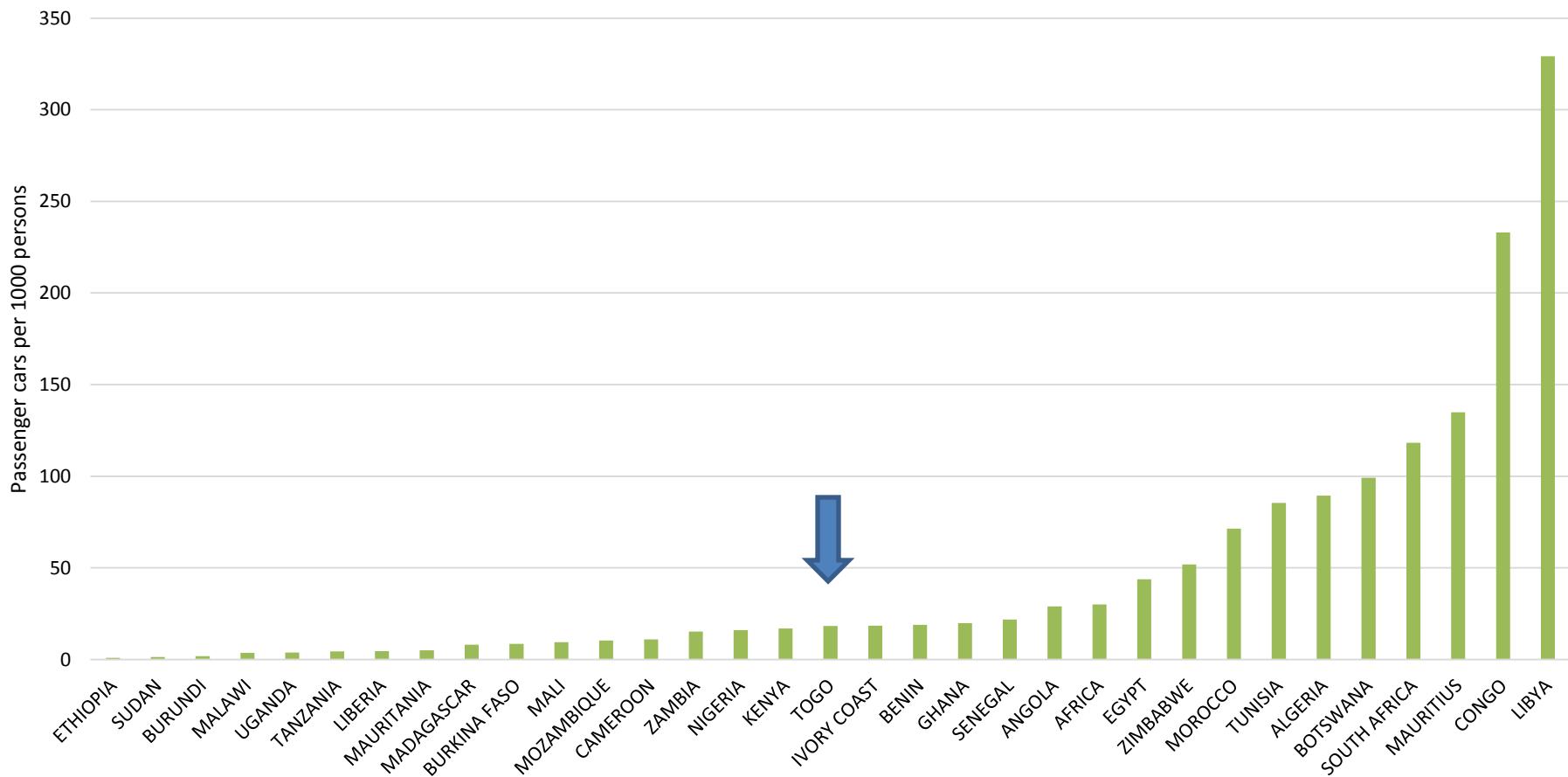


Vehicle Growth

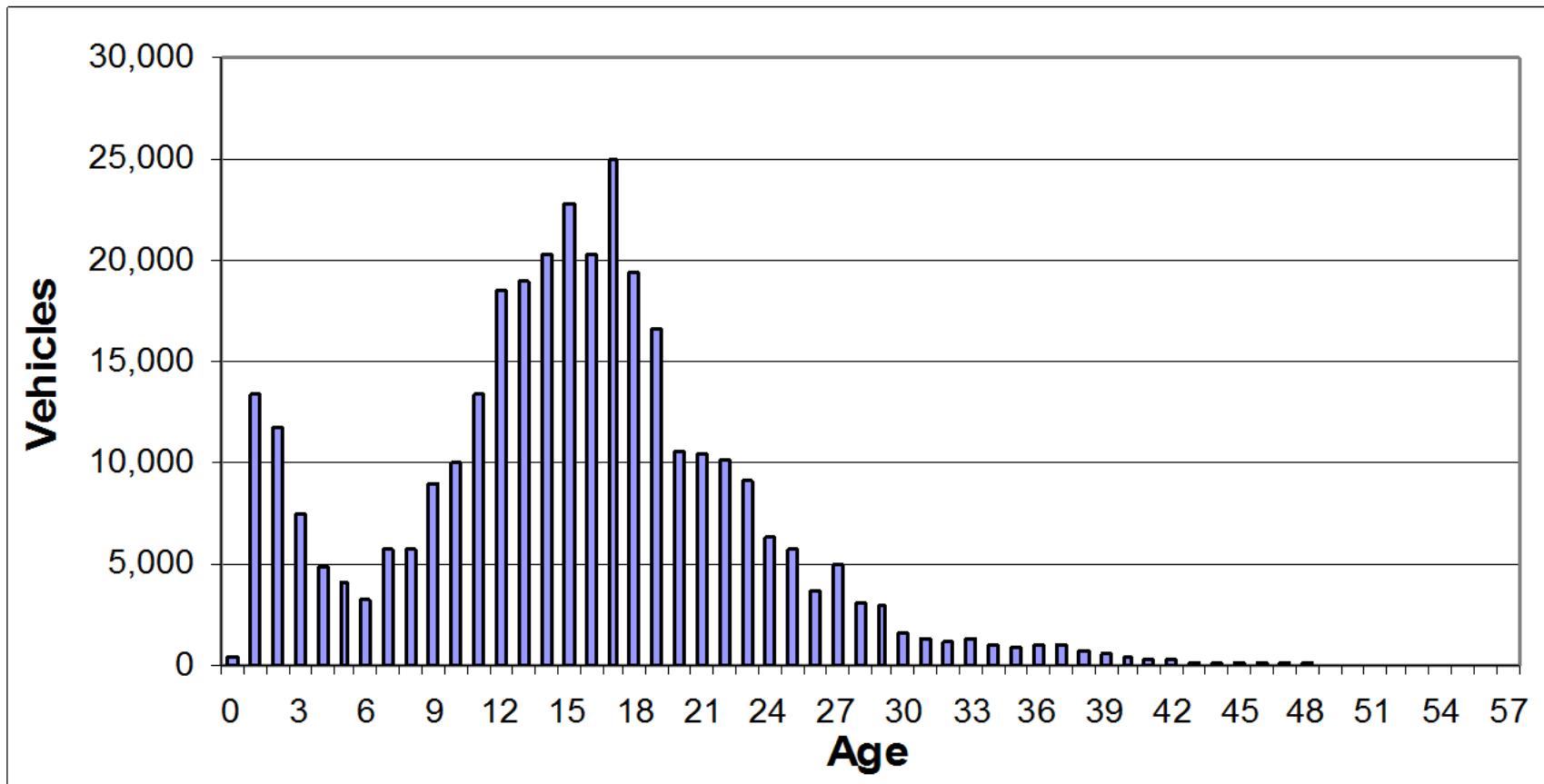
- *Global light duty vehicle fleet set to triple by 2050*
- *Almost 2/3 of all vehicle fleet growth will be in non-OECD countries; few have fuel efficiency strategies*



Motorization in Africa



Push For Cleaner, More Efficient Vehicles



*Vehicle age distribution in Tanzania.
Source: Tanzania Revenue Authority*

What is fuel economy?

- Fuel economy measures energy per unit of vehicle travel
 - Litres per 100km (Europe)
 - Km per litre (Japan)
 - Miles per gallon (United States)
- Fuel economy, fuel efficiency, fuel intensity are all fairly interchangeable terms
- Also measured in CO₂ emissions
 - CO₂ g/km
- Look for the tested fuel economy number for the vehicle



GLOBAL FUEL EFFICIENCY INITIATIVE



- *Emission reduction*
- *Fuel savings*
- *Global greenhouse gases reduction*

Goal: improvement in fuel economy across the global vehicle fleet by 2050

Currently: Global average 8L/100km

The goal: Global fleet average 4L/100km (25km/L)

GFEI has set graduated global fuel economy improvement targets

Based on a 2005 Baseline:

30% by 2020: All new cars in OECD countries

50% by 2030: All new cars GLOBALLY, (from 8 to 4 L/100km, on avg.)

50% by 2050: All cars GLOBALLY

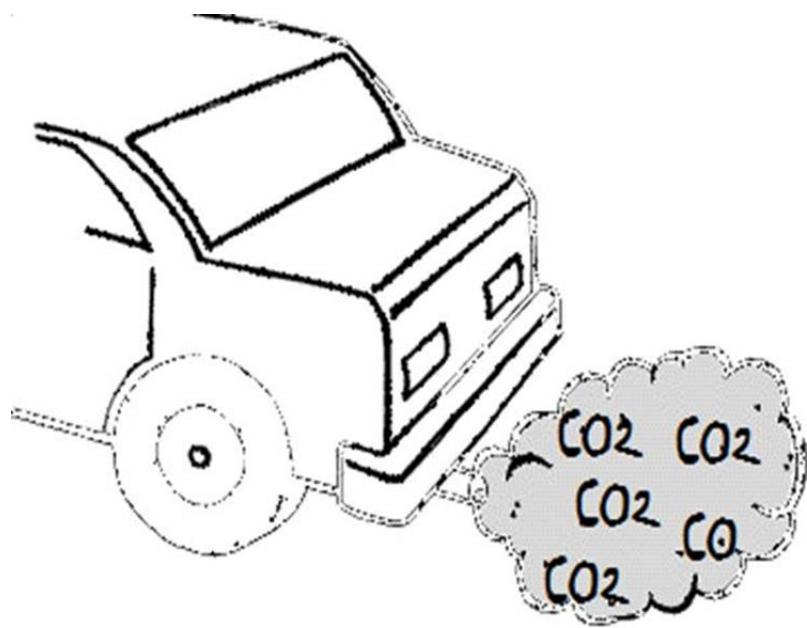
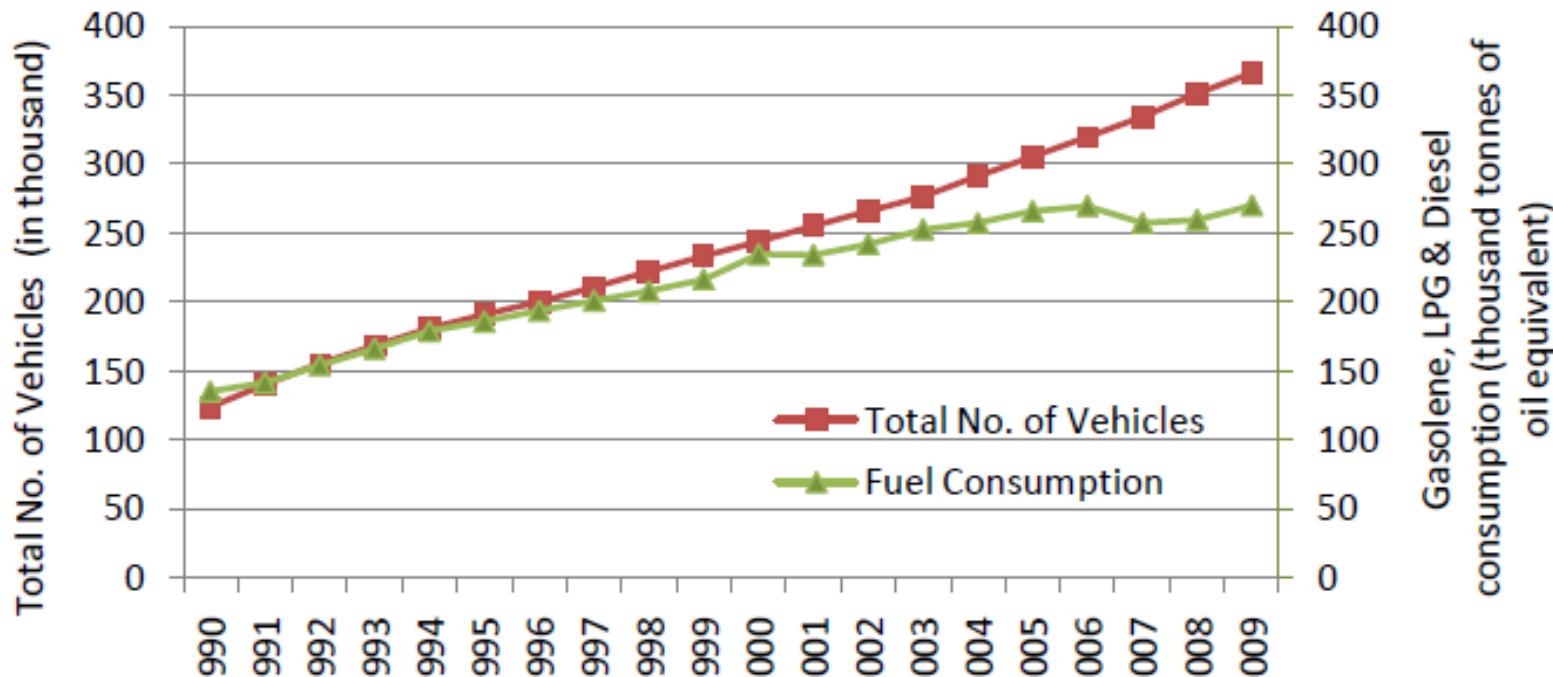


Figure 2.4: Number of Registered Vehicles, 1999 – 2009



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_9211

