Global Fuel Economy Initiative

Saul Billingsley
GFEI Paris Symposium
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IEA estimates that the world will invest USD 400 trillion in fuels and vehicles by 2050.....

- what personal mobility systems will we use?
- what vehicles will we buy?
- running on what fuels, and what kind of roads?
- with what energy, health and climate impacts?
The Global Fleet...

... is set to triple....

.... with 90% of this growth taking place in developing countries.....

...as many cars in China in 2050 as there are on the planet now
Transport sector’s contribution increasing more rapidly than any other sector.

CO2 emissions set to double...

Short lived climate pollutants – black carbon – now second most important climate pollutant.

CO2 emissions from the global light duty vehicle fleet – GFEI 2009
Air Pollution

World Health Organization: small PM is affecting more people than any other pollutant...

...with ~3.2 million premature deaths annually....

...this is growing problem, with an 11% increase globally in deaths from air pollution in the past 20 years.
By 2050, in comparison with a scenario considering current policies (4DS) improved energy efficiency of transport vehicles can reduce transport energy demand by 25% (Improve) 20% energy savings can be made through shifting transport to more efficient modes (Avoid/Shifts) Combined, these two contributions lead to 35% lower energy demand (2DS)
Economics | Development
---|---
Health | Equity
Climate | Energy and Fuel
Urban/cities
Global Fuel Economy Initiative

Six core partners: FIA Foundation, UNEP, IEA, ITF, ICCT and UC Davis, financial support from GEF and EU

THE GFEI FUEL ECONOMY TARGETS
From 2005 baseline:

- 30% reduction in L/100km by 2020 in all new cars in OECD countries
- 50% by 2030 in all new cars globally
- 50% by 2050 in all cars globally

GFEI recognized as leading initiative in energy and climate reports and discussions
GFEI urges action for SIDS on World Environment Day

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GFEI Updates
- US Foundation urges G20 to act on Fuel economy
- Global Environment Fund (GEF) Funding supports GFEI’s next steps
- GFEI Co-Organizes Russia’s First Specialized Auto Fuel Economy Event

Working Paper 9
Read ‘How vehicle fuel economy improvements can save $2 trillion...’
View all Working Papers>

Fuel Economy and the UN’s Post 2015 SDGs
Click here to download the leaflet>

GFEI State of the World 2014
Learn about the...
How vehicle fuel economy improvements can save $2 trillion and help fund a long-term transition to plug-in vehicles

GFEI In-Use Fuel Economy Seminar
Summary and Conclusions

The GFEI launched its ‘London Seminar Series’ on July 16, 2014, with a high level gathering of fuel economy experts from research organizations, NGOs, industry and government. The one-day seminar covered recent research on the gap between tested and “in-use” fuel economy, implications of this gap, and steps that could be taken to address it. The discussion was particularly focused on the European Union situation, its test procedures and future plans, although the discussion was also broadened out to cover other vehicle markets and testing systems.
In-Country Policy Work:

Global Environment Facility (GEF) - $2.3 million for work with:

- Cote d'Ivoire
- Mauritius
- Peru
- Jamaica
- Montenegro
- Macedonia

Regional/national meetings
Global Campaigns:

- **Rio+20**: GFEI made a commitment as part of SLoCaT’s transport group
- **G20**: Energy Efficiency is a key component - Working with US Government/Australia
- **SE4ALL**: GFEI is a High Impact Opportunity under the Se4ALL Initiative, and as such has had success as part of the SDG development process
- **Sec Gen’s Climate Summit**: GFEI is a potential accelerator at the Sec Gen’s Climate Summite
- **POST 2015 Framework**: GFEI is supporting an energy band transport target on fuel economy/efficiency
Proposed Goal 7 – Ensure sustainable energy for all

7.3: Double the global rate of improvement in energy efficiency by 2030 in transport...
Briefing Sec. Gen. Ban Ki Moon on GFEI – Abu Dhabi Ascent, May 2014
Grateful for the support of the French Government.

Sharing, informing, and building support from new partners in fuel economy, from the 50+ countries, corporations and NGOs attending GFEI to be showcased at the UN SG Summit in September 2014
THANK YOU

http://globalfueleconomy.org

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#ITF2014 #Climate2014
#SE4ALL #SDGs
#post2015 #fuelecon2030