

Clearing House Presentations

9 GPM

26 October

- 26th
- 0915-1200hrs
- PCFV Campaigns Progress report
- Rob



Lead campaign progress



In 10/11 the following went unleaded

- Bosnia-Herzegovina – 2010
- Egypt – 2010
- Serbia – January 2011
- Montenegro – January 2011

Remaining countries

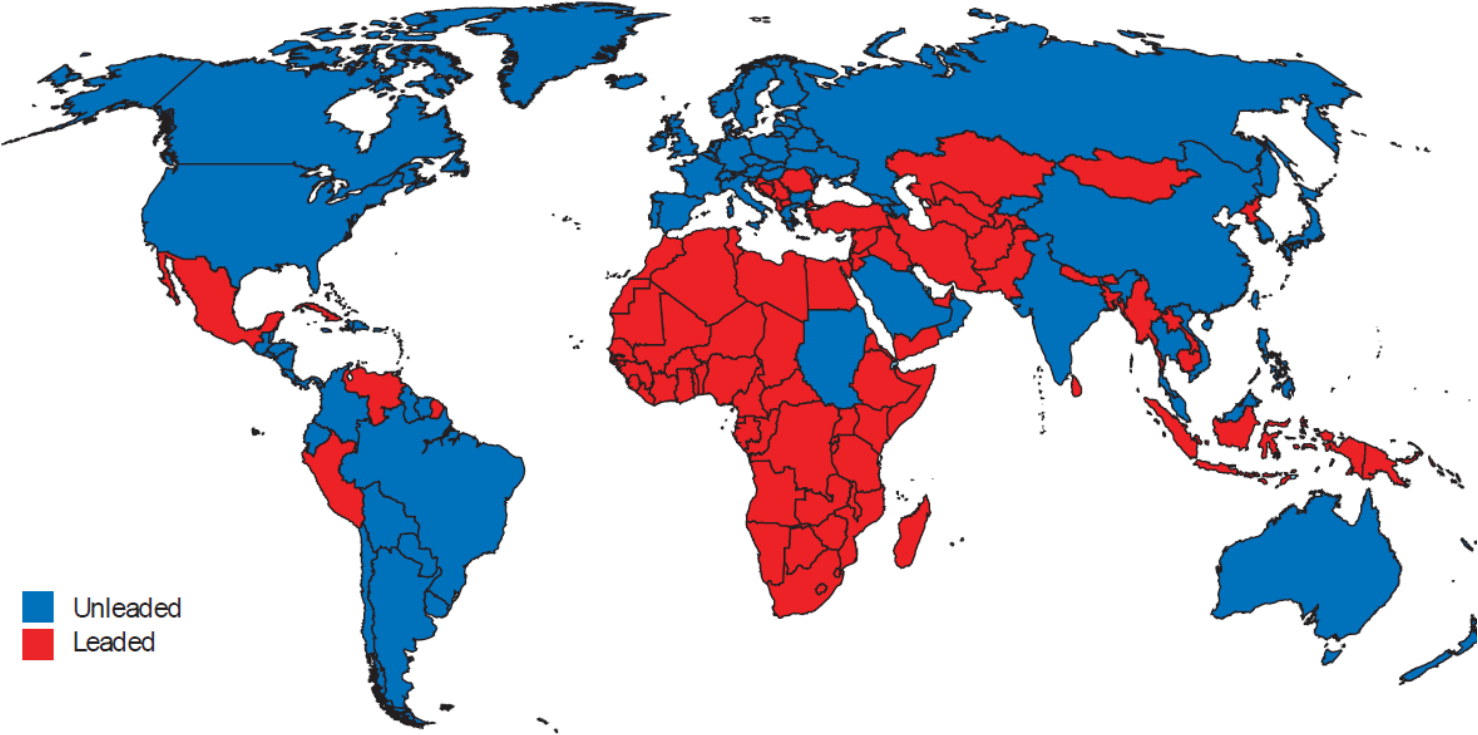
- Afghanistan
- Algeria
- Iraq
- Myanmar
- North Korea
- Yemen



2002



Leaded Petrol Phase-Out: Global Status



■ Unleaded
■ Leaded

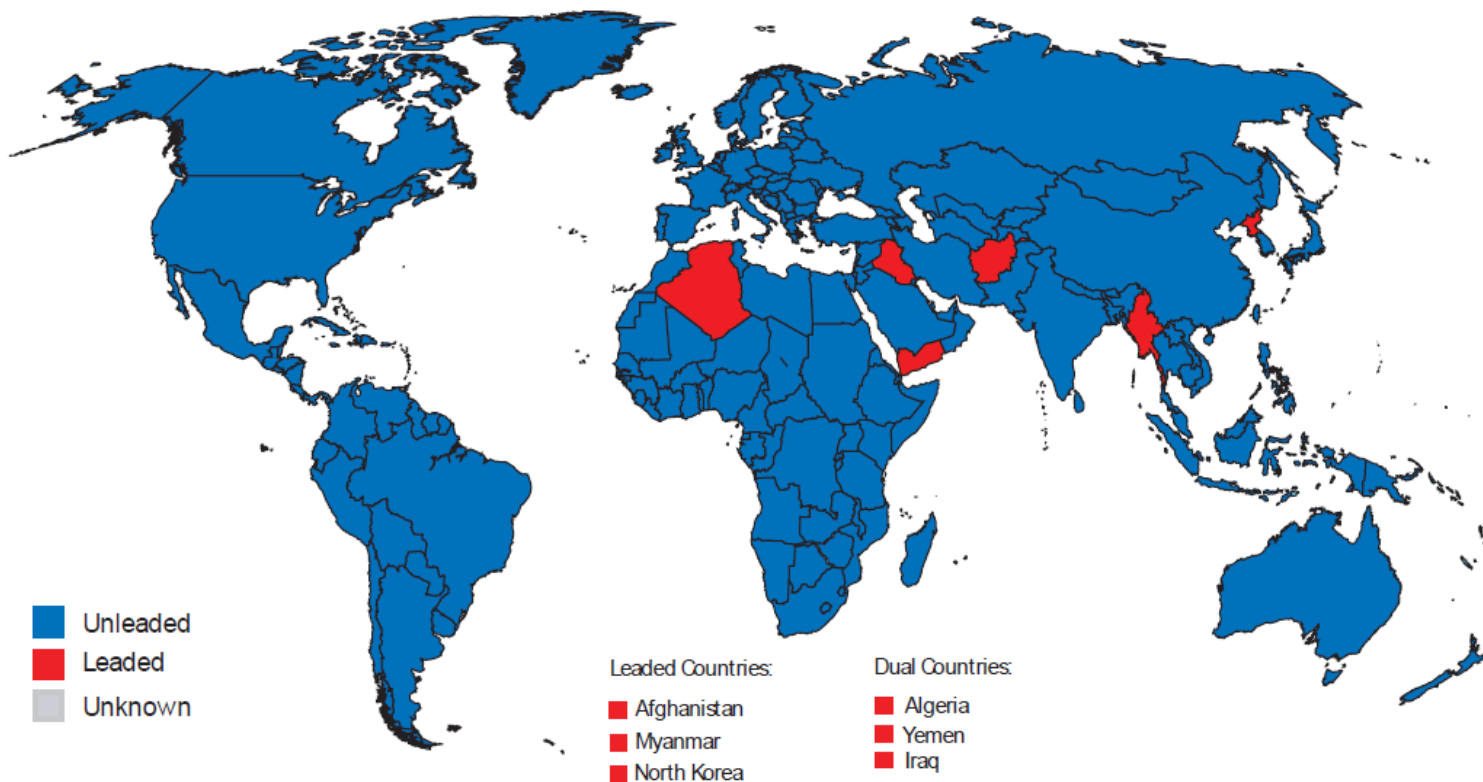
Status as of End 2002



Today



Leaded Petrol Phase-out: Global Status January 2011



Phase out of leaded petrol – remaining countries – CH activities



Country	Activities	Phase-Out Date
Afghanistan	<ul style="list-style-type: none"> • Dialogue with Ministry of Environment • Blood lead testing • C-H meeting with Afghan official at UNEP HQ 	Unknown Already largely (completely?) unleaded
Algeria	<ul style="list-style-type: none"> • Ministerial commitment to phase-out • Participated at several PCFV workshops (Cairo 2006 and 2010, Tunis 2008 and 2009, Rabat 2010) • Signed SSFA to carry out lead phase-out activities in Nov 2011 – workshop 16/17 Nov 	2013 official maybe 2012
Iraq	<ul style="list-style-type: none"> • Discussions with US State Dept • National workshop in Cairo, Apr 2011 • Follow-up national activities planned. SSFA being finalized 	Unknown
Myanmar	<ul style="list-style-type: none"> • Discussions held with National Commission for Environmental Affairs • C-H and UNEP regional office held Discussion Forum in Myanmar in Jun 2010 • C-H to support the Myanmar government develop a national road map for cleaner fuels and vehicles 	Unknown Very little leaded?
North Korea	<ul style="list-style-type: none"> • C-H and UNEP regional office held a training workshop in Jan 2011 in Pyongyang • The PCFV to assist with developing new legislation 	Unknown Imports from China Most likely unleaded?
Yemen	<ul style="list-style-type: none"> • Several national activities supported - Blood lead testing, workshop, public awareness campaign • Supported to participate in PCFV workshops (Beirut 2004, Cairo 2006 and 2010, Bahrain 2008, Tunis 2008 and 2009, • Meeting with Prime Minister and Refinery Technical Expert planned 	Unknown

Innospec expects TEL sales to end 2012



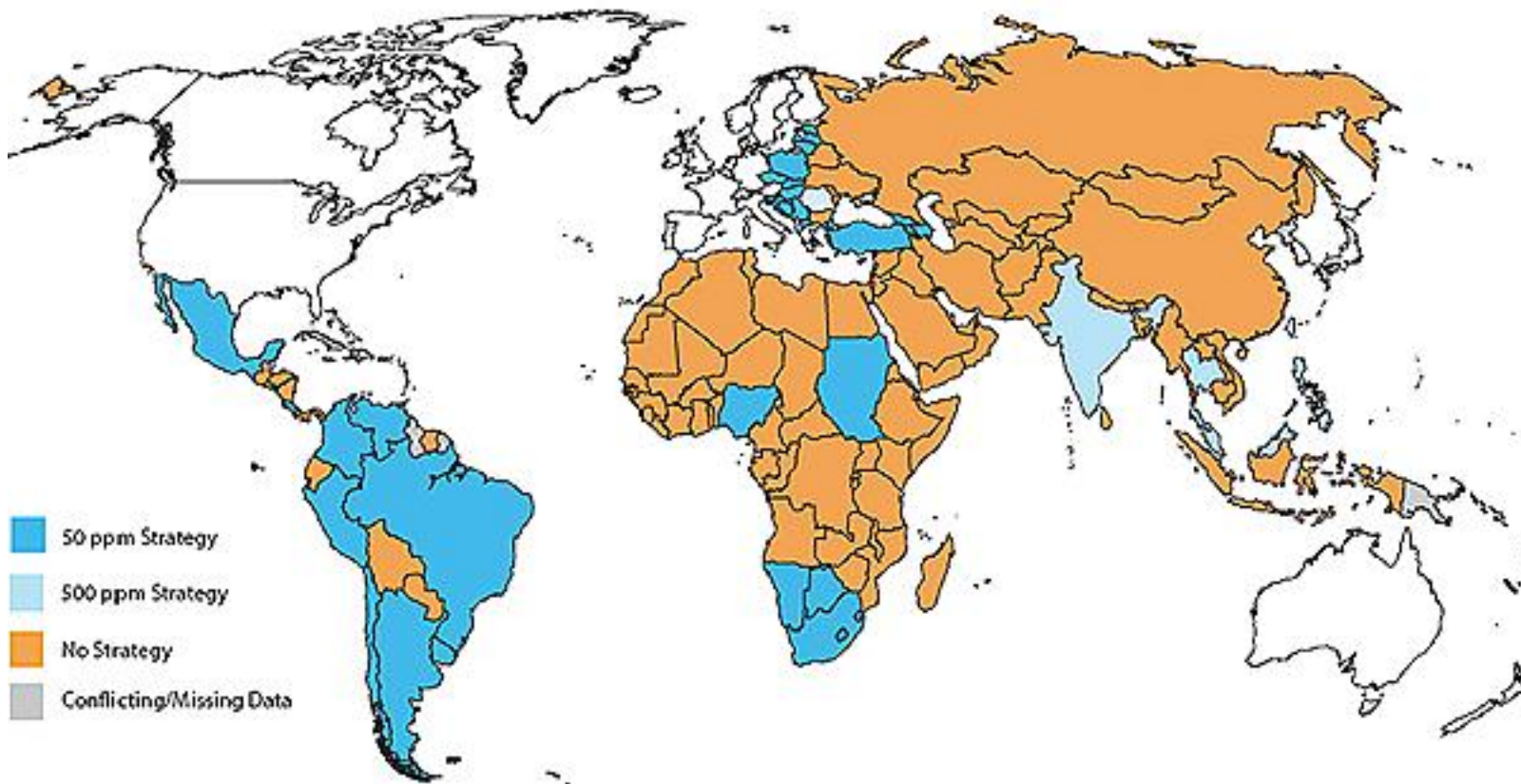
From the 2010 Annual Report of INNOSPEC:

- “The remaining sales of the Octane Additives business are now concentrated in a **relatively small number of customers...** comprises **state owned refineries focused in the Middle East and Northern Africa**”
- “The **average rate of decline in volume ...** approximately **10% per annum**”
- “There could also be an **accelerated impairment of Octane Additives business goodwill**”
- “The Company **expects that it will cease all sales of TEL for use in automotive gasoline in 2012**”

50 ppm sulphur campaign – policy map 2006



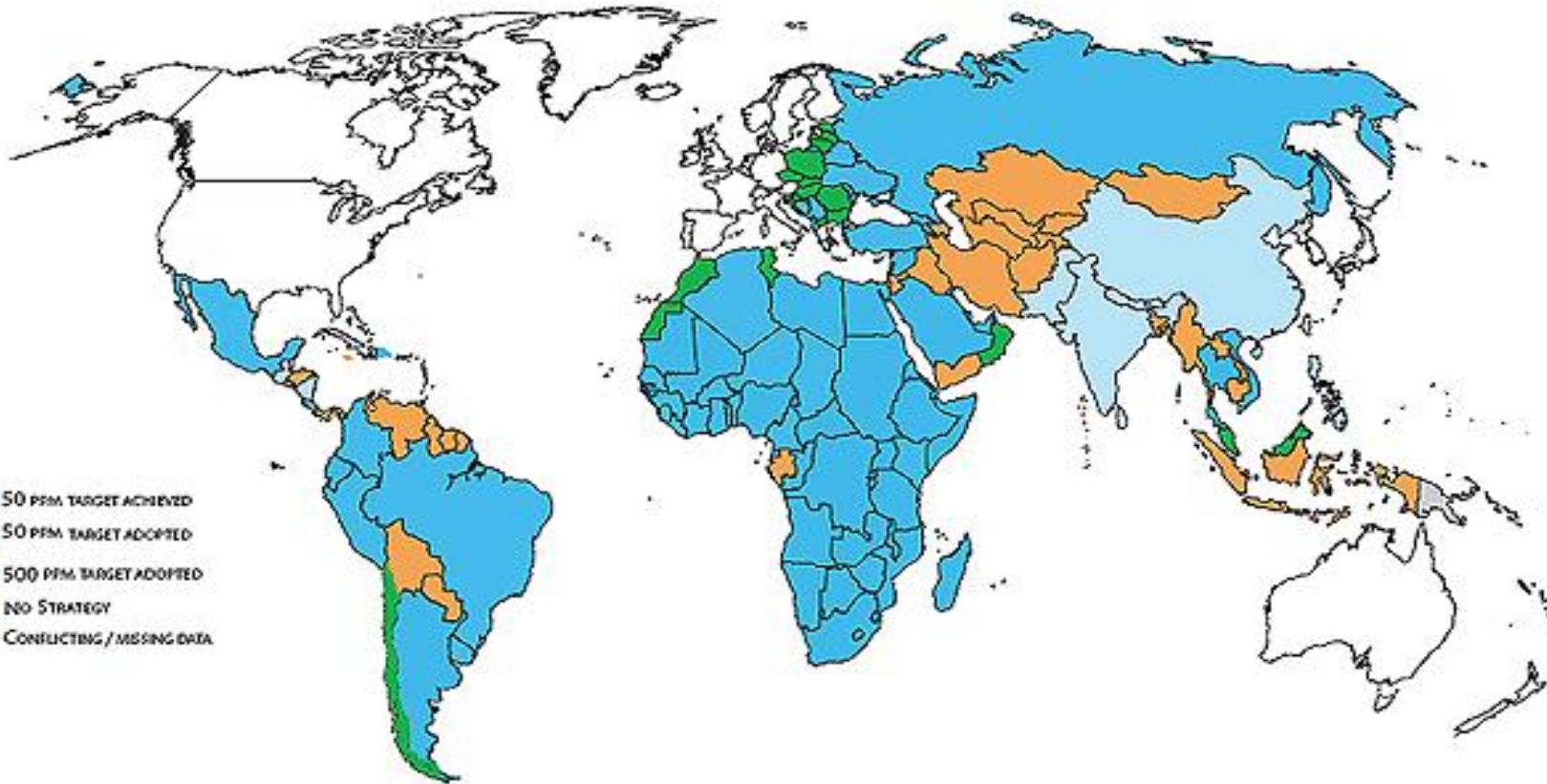
Diesel Fuel Sulphur Levels: Global Status
50 ppm Target - 2006



50 ppm – policy map 2011



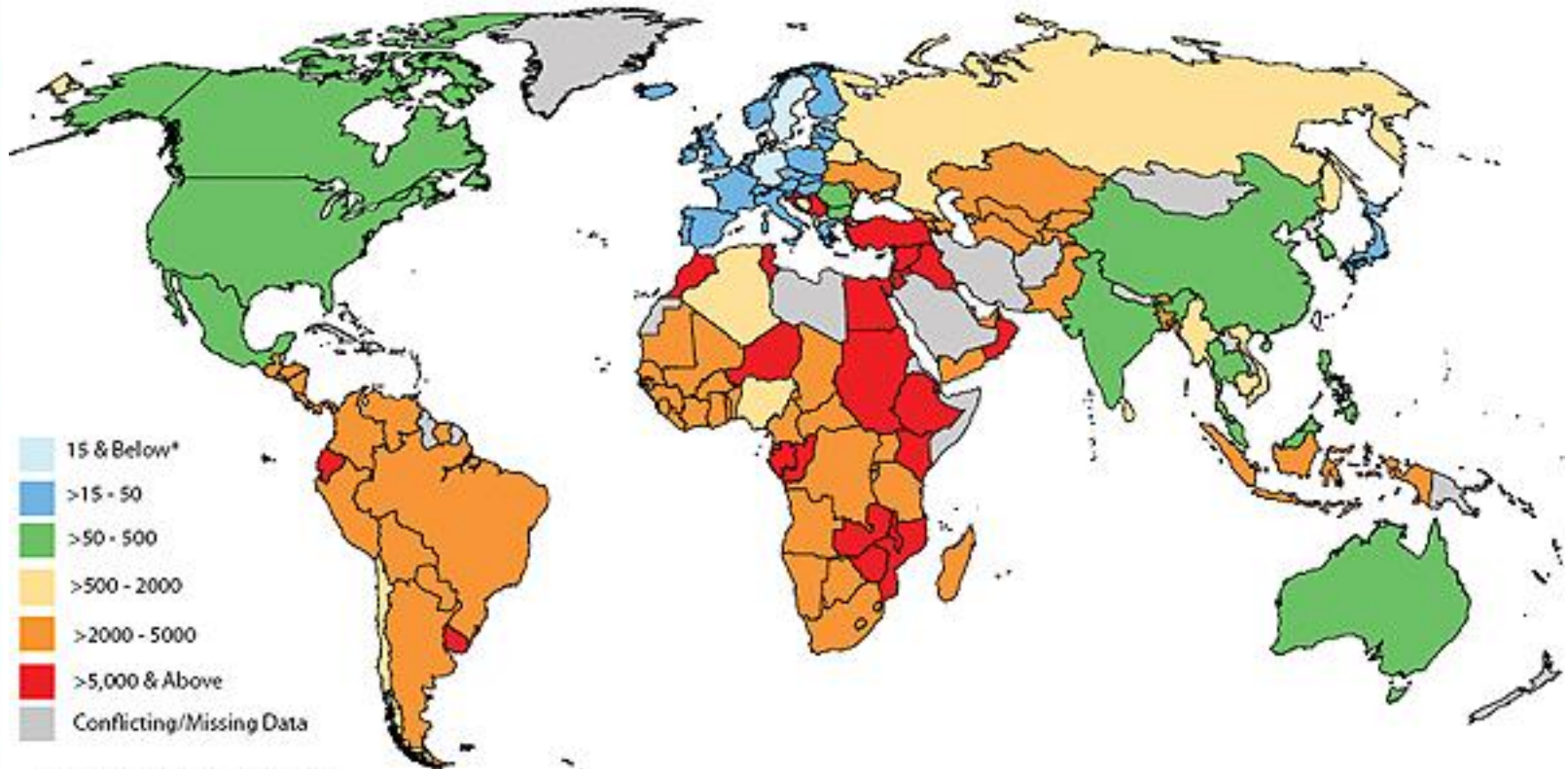
Diesel Fuel Sulphur Levels: Global Status 50 ppm Target - January 2011



Diesel sulphur fuel levels 2005



Diesel Fuel Sulphur Levels: Global Status 2005



- 15 & Below*
- >15 - 50
- >50 - 500
- >500 - 2000
- >2000 - 5000
- >5,000 & Above
- Conflicting/Missing Data

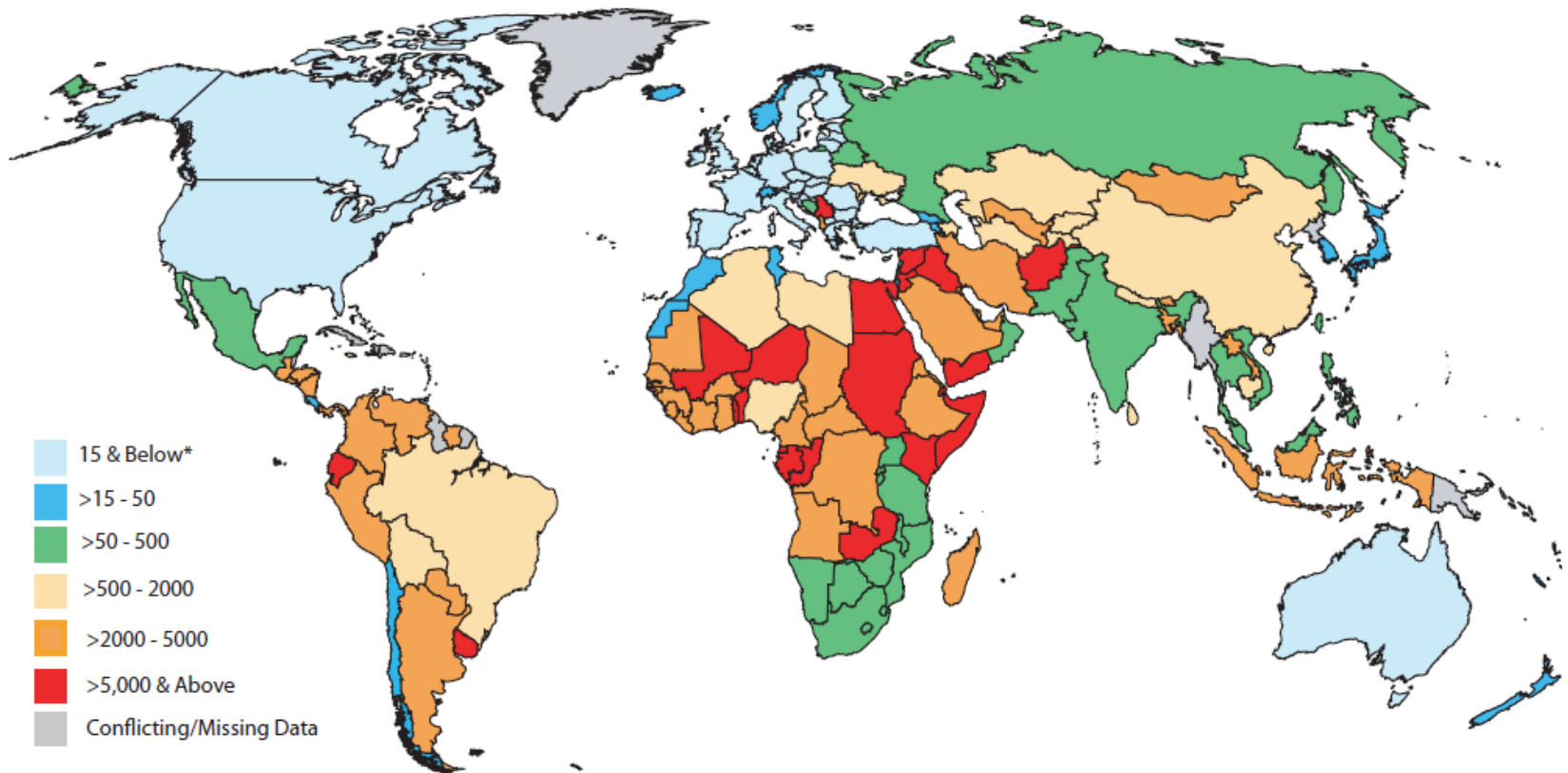
* Information in parts per million (ppm)
Sulphur levels are maximum allowable as of July, 2005. For additional details and comments per country, visit www.unep.org/pcfv.



Diesel sulphur fuels levels today



Diesel Fuel Sulphur Levels: Global Status
October 2011



* Information in parts per million (ppm)

Sulphur levels are maximum allowable as of October 2011. For additional details and comments per country, visit www.unep.org/transport/pcf.v.



Sulphur – recent progress



Achievements 2010/2011:

- 50ppm and below achieved in Montenegro, Tunisia, Armenia, Chile and Costa Rica;
- China, India, and some Latin American countries such as Brazil, Peru, using 50ppm and below in cities – e.g. 50ppm for Guangdong province, China with 9 cities;
- 500ppm standard by Mauritius, Tanzania, Kenya, Uganda, Rwanda, Burundi, Saudi Arabia (most cities);
- Vietnam approved 50ppm for early 2016

Expected to move to 50ppm and below by next year:

- Turkey & Belarus 2011
- Mauritius early 2012
- UAE & Qatar sometime 2012



Sulphur – regional overview



Africa	<ul style="list-style-type: none">• Tunisia & Morocco at 50ppm and below• 52 of 53 countries have adopted 50ppm target
Middle East	<ul style="list-style-type: none">• Oman, Israel already at less than 50ppm, Bahrain, Qatar, UAE, Lebanon & most of Saudi Arabia at 500 ppm. 50ppm used for Dubai city buses
Asia-Pacific	<ul style="list-style-type: none">• South Asia region (SACEP) adopted 50 ppm – to be followed by 10 ppm• 50ppm targets for Bangladesh, China and Vietnam• China - over 50% of the country is at Euro 4 fuels• India - moved to Euro 3 nationwide and 13 cities to Euro 4
Central and Eastern Europe	<ul style="list-style-type: none">• Montenegro, Armenia and Georgia at 50ppm and below• Refinery upgrade ongoing in Bosnia-Herzegovina• Countries moving to also meet EU standards
Latin America	<ul style="list-style-type: none">• Regional Agreement adopted by Ministers for 50ppm• Chile at 50ppm, major cities marketing 50 and 15ppm sulphur (Brazil, Colombia, Peru)• Paraguay national cleaner fuels and vehicles action plan• Refinery upgrades in process in Brazil and Argentina



Vehicles work



- Clean Fleet management trainings, regional and national
- PCFV & GFEI – national support for clean and efficient vehicles policies
- Other vehicles work (catalytic converters, inspection & maintenance, BRT, used vehicles)
- Need for PCFV vehicles emissions standards targets



CLEAN FLEET TRAININGS & PRESENTATIONS	# Participants	# Organisations	# Countries
2008 Events			
UNEP Toolkit Training, Hungary	17	14	13
UNEP Toolkit Presentation at WFP/IFRC workshop, Dubai	6	-	-
BAQ side event: UNEP / TNT Toolkit Launch & Training	18	18	13
UNEP Toolkit Presentation at Fleet Forum conference	40	24	18
2009 Events			
UNEP / Fleet Forum Toolkit Training, Geneva	5	-	-
UNEP / CAI-Asia Toolkit Training, Philippines	31	12	1
UNEP / CAI-Asia Toolkit Training, Philippines	30	16	1
UNEP Toolkit Training, Poland	15	8	1
UNEP / Swisscontact Toolkit Training, Indonesia	29	22	1
UNEP LAC Regional Toolkit Training, Chile	21	17	7
CAI-Asia Series of Eco-driving Training, Philippines	150	1	1
CAI-Asia Toolkit Training, Philippines	60	2	1
UNEP Toolkit Training, Slovenia	18	11	1
2010 – 2011 Events			
UNEP / Swisscontact Regional Toolkit Training, Indonesia	36	26	5
UNEP Toolkit Training at Fleet Forum conference, Senegal	50	30	6
UNEP / CAI-Asia Toolkit Training, Dubai	20	5	8
UNEP / Mario Molina Toolkit Training, Paraguay	11	6	1
UNEP Toolkit Training for Peacekeepers, Nairobi	20	1	
UNEP / Mario Molina Toolkit Training, Peru	20	10	1
UNEP / CAI-Asia Regional Toolkit Training, St Lucia	19	13	8
UNEP Toolkit Training at Fleet Forum conference, UK	12	9	3
TOTAL for 2008 - 2011	628	245	58

- 26th
- 12.00-13.00
- Staff introduction
- Rob



PCFV Clearing House team at UNEP HQ



- Unit Head
- Overall Coordination
- Fund Raising

Rob de Jong



- Day to day coordination and implementation PCFV
- Middle East & West Asia

Mary Mukindia



- Central and Eastern Europe
- Cooperation with Global Fuel Economy Initiative

Elisa Dumitrescu



- Africa
- Coordination Lead and Sulphur campaigns

Jane Akumu





Vered Ehsani

- Asia Pacific
 - Clean Fleet Management
-



Veronica Ruiz-Stannah

- Latin America & Caribbean
 - Communications and Information issues
-



Maryam Bashir

- Budget & HR
-



Annemarie Kinyanjui

- Support activities in Africa

James Kagari
(UNV)



- Website
- Communication

Henry Kibocha



- PCFV Global Clean Fuels and Vehicles Database
- PCFV Website
- Communications

George Maina



- Secretarial Support, meeting organisation

Irene Kabungo



- Secretarial Support and HR issues

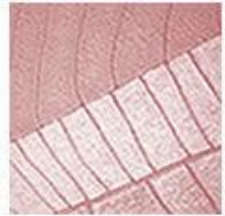
Susan Gitau

- 26th
- 12.00-13.00
- Global Database
- Mary





- Online presentation



- 26th
- 12.00-13.00
- Clean Fleet Management Tool
- Vered



UNEP-TNT Clean Fleet Management Toolkit

United Nations Environment Programme

| Driving clean strategy | | Toolkit Introduction | | Glossary | | User Guide | | Toolkit Test Book |

Introduction

Step by Step plan

Awareness

Impacts

Actions

Strategy

Contact Us

UNEP Toolkit

Fleet Example

-- Select an Example --

Tools

2 Vehicles

Animations

-- Select an Animation --

Pollutants

-- Select a Pollutant --

Welcome to the UNEP/TNT Toolkit for Clean Fleet Strategy Development

This Toolkit will help you develop a strategy for reducing the environmental impacts of your fleet. To develop your own fleet strategy you need to follow the steps below. Start with opening the Step by Step action plan on this homepage. The Tools will provide information and will allow you to go through the Step by Step actions plan and thus develop your own strategy.

Step by Step plan

Awareness Impact Actions Strategy and Monitoring

[Understanding the problem](#) [Identifying your fleet and its impacts](#) [Knowing your options](#) [Developing a strategy and tracking your improvements](#)

Go to the Step by Step map

NEWS

UNEP and Fleet Forum Train 4 UN Agencies in Cleaner Fleet Management
<http://www.fleetforum.org/news/news/results-from-environment-workshop.html>

TNT Turkey Expands Clean Fleet Management
Following the 2006 training for cleaner fleet management using the UNEP Cleaner Fleet Management toolkit, TNT Turkey continues to expand its fleet management efforts to save fuel costs and lower emissions. A Clean Vehicle team and e-bulletin has been formed within the organization and in 2009 a training for sales territory managers and new drivers in eco driving. In addition, GPS equipment will be installed to monitor routing efficiency of delivery vehicles and analyse more efficient routes. The TNT Turkey website (Turkish language only) also publishes the company's monthly CO2 figures.
<http://cezeqenbenim.tnt.com.tr/TemizArac.aspx>

Photo: KCND

United Nations Environment Programme

Copyright 2009

✓ Available online at:
<http://www.unep.org/tnt-unep/toolkit/>

✓ Available on CD - no internet connection required

✓ CD tools launch in Web Browser and Excel

✓ Flexibility of use: start with basics or build your strategy

Contents for Your Use

Pollutants

Particulate Matter (PM)
Nitrogen oxides (NOx)
Carbon monoxide (CO)
Volatile Organic Compounds (VOCs)
Sulfur Dioxide (SO₂)
Carbon Dioxide (CO₂)
Ground Ozone (O₃)
Lead (Pb)

Effects

Health effects
Greenhouse Gases and Effects
Cost benefits

Fleet Examples

DHL
FedEx
Jakarta
UPS

Options

New Vehicles

Euro V Diesel trucks
Changing from petrol to diesel passenger cars
Changing from 2 stroke to 4 stroke motorcycles
Hybrid Electric Vehicles (HEV) with emission controls
Compressed Natural Gas (CNG) Vehicles
Fuel Cell with renewable hydrogen

Drivers & Maintenance

Optimal tyre pressure+ alignment
Improved maintenance
Eco-driving

Fuels

Use unleaded petrol
Use ultra low sulphur diesel (ULSD)
Natural gas and biogas
Biofuels (Biodiesel & Bioethanol)

In-use Vehicles: Retrofitting

Diesel Oxidation Catalyst
Diesel Particulate Filter
Advanced emission control technologies

The value of clean fleet management: TNT Turkey Case Study

TNT Turkey started the clean vehicle project in November 2006

1. Started with collecting reliable data
2. They started replacing high with low consumption vehicles, including some hybrids
3. Provided Eco & Safe driving training
4. Monitored performance on CO₂ and fuel



Results

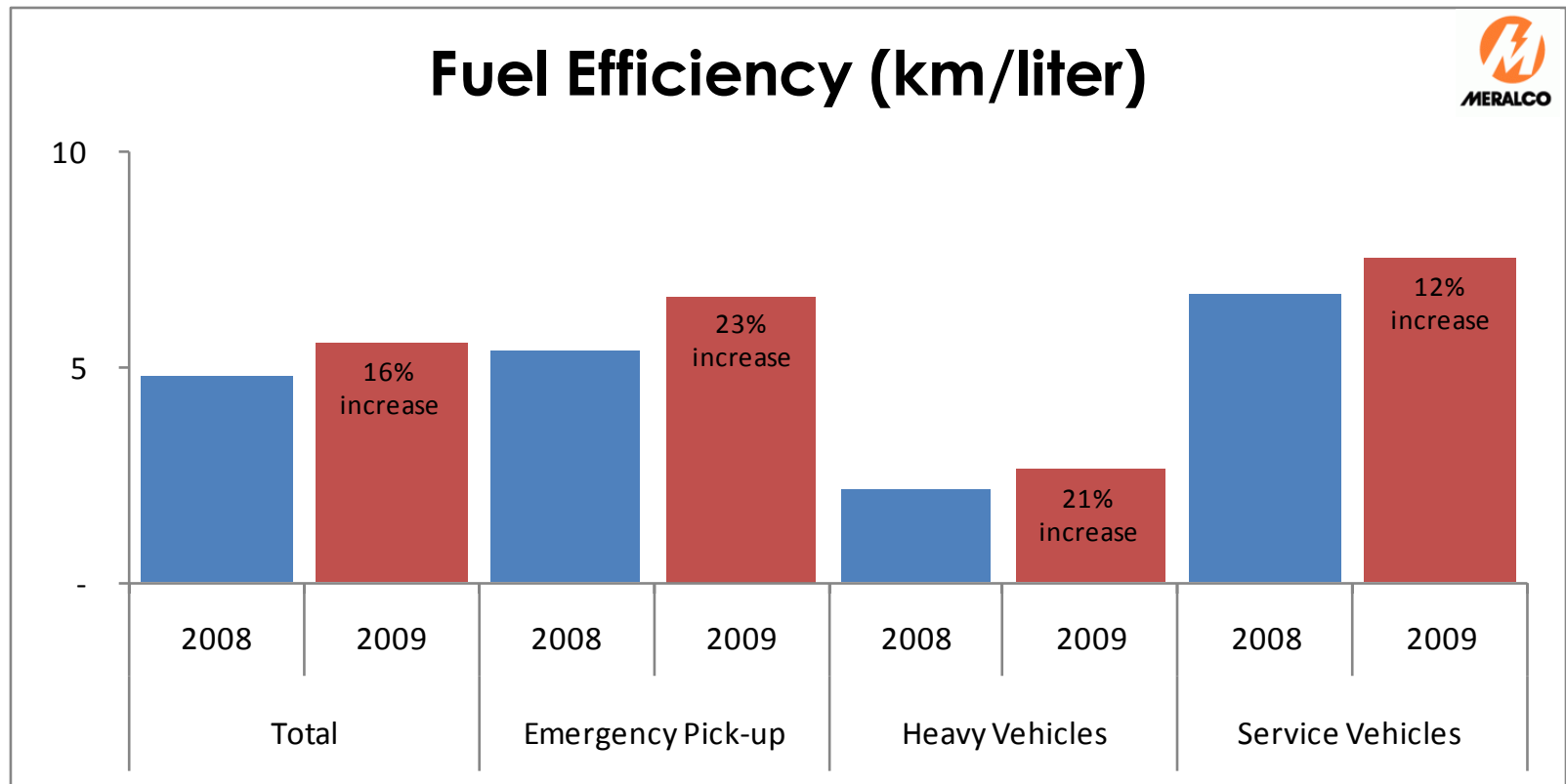
Year	# of Vehicles	Fuel Consumption (L/month)	Fuel Consumption per Vehicle (L/month)	Total CO2 (ton/month)	CO2 per Vehicle (ton/month)
2006	262	81,792	312.27	192.08	0.73
2007	290	85,477	292.93	200.75	0.69
2008	313	83,757	267.51	196.00	0.63

- ✓ 80 TNT Turkey drivers trained on eco and safe driving
- ✓ 122 vehicles (41%) replaced with cleaner models
- ✓ Monthly CO2 emission per vehicle dropped 15% in 16 months
- ✓ Fuel cost savings in 15 months = 100,000 Euro (61,800 litres)



The value of clean fleet management: Meralco (Philippines) Case Study

Lower the cost of operations through better driving, improved maintenance
& longer vehicle life



- 26th
- 12.00-13.00
- Clean and Efficient Vehicles Toolkit
- Elisa



Cleaner, More Efficient Vehicles:

*A Global Fuel Economy Initiative
Training and Information Tool*



<http://www.unep.org/transport/gfei/autotool/>

Online product designed to support the development of auto fuel economy policies....

CLEANER, MORE EFFICIENT VEHICLES



ABOUT GFEI



TUTORIAL



COUNTRY INFO



QUESTIONNAIRE

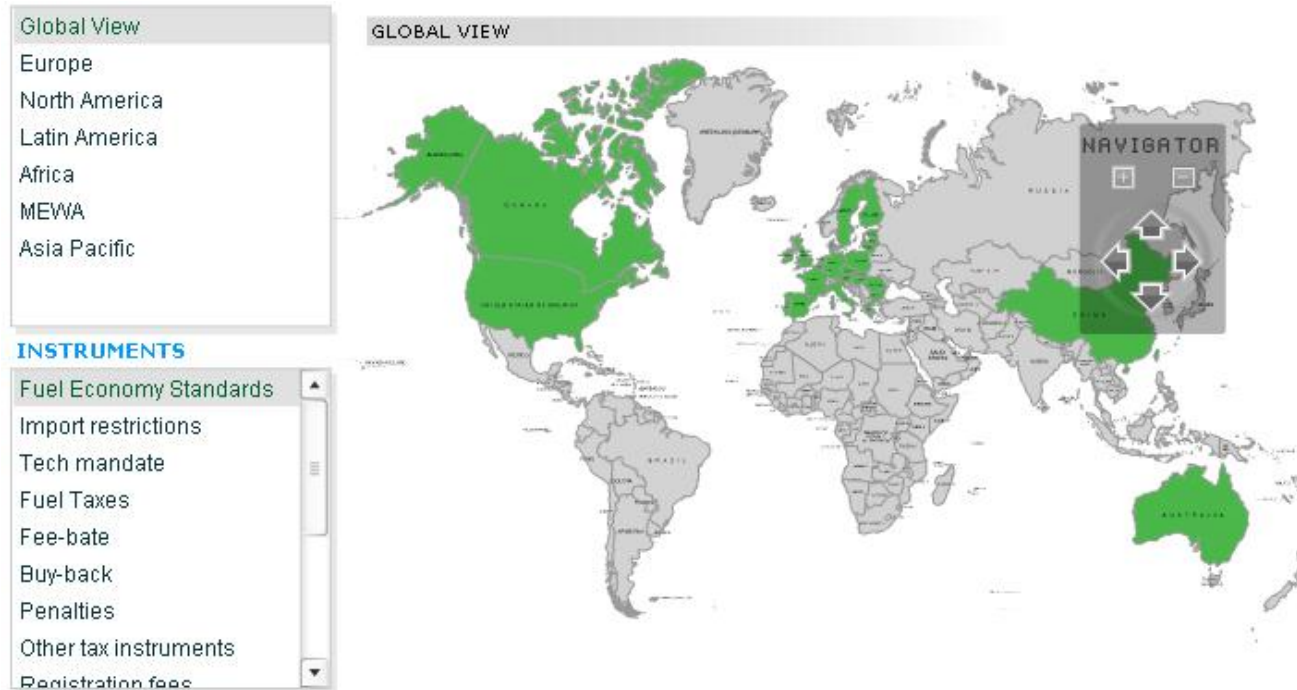


CONTACTS

The screenshot displays the GFEI website interface. On the left, there is a vertical navigation menu with five colored bars: light blue for 'Introduction', yellow for 'Instruments', dark blue for 'Case Studies', red for 'Resources', and green for 'Global View'. The main content area is titled 'GLOBAL VIEW' and features a world map with regions color-coded: North America (light blue), South America (light green), Europe (orange), Africa (yellow), Asia (pink), and Australia (light pink). A 'NAVIGATOR' panel is overlaid on the map, showing directional arrows. To the left of the map, there are two dropdown menus. The first menu lists regions: Global View, Europe, North America, Latin America, Africa, MEWA, and Asia Pacific. The second menu, titled 'INSTRUMENTS', lists various policy tools: Fuel Economy Standards, Import restrictions, Tech mandate, Fuel Taxes, Fee-bate, Buy-back, Penalties, Other tax instruments, and Registration fees.

+ Examples of Auto Fuel Economy Policies

S. Africa, Brazil, Mexico, India, Chile, EU, US, Philippines, Russia, Turkey, Canada + more



+ Policy Briefs (standard-setting, fee bates, imports, labels)

+ Technical Guides (fuels, vehicles, calculating emissions)

5 main sections:

Introduction – about fuel economy, trends, benefits of action, about the GFEI

Instruments (illustrated with country examples) – regulation, economics (taxation, buy-backs, R & D), traffic measures (road pricing), Information (labeling, test cycles), technology (EV's, fuels)

Case Studies – country look at policy development, incentive schemes, labeling + resources

Resources – baselines, further reading

Mapping/Global View – maps policies by country

+ user guide, questionnaire

- **Chile** – adoption of fuel economy label, feebate system proposed
- **Indonesia** - baseline
- **Australia** – discussion paper
- **Ethiopia** - baseline
- **Kenya** – baseline, clean vehicle import incentives
- **Montenegro** - baseline
- **Georgia** – baseline

+ more countries in
2012/2013



- 26th
- 12.00-13.00
- Business meeting - introduction
- Rob



PCFV 2010/11 Resources - Staff

- Staff working on PCFV:
 - Unit Head
 - 5 Professional staff – regional and substantive responsibilities
 - Regional: Africa, LAC, CEE, MEWA, Asia & Pacific
 - Substantive: PCFV coordination, clean fleet management, Lead and sulphur campaigns, cooperation GFEI
 - 6 Support staff – 1 for Africa activities; 2 on communications; 1 on budget and admin; 2 team support
- Staff numbers to remain the same

PCFV Resources - budget

- Spent during 10/11: USD 2,3 mln excl UNEP in-kind
USD 3,2 mln incl UNEP in-kind
- Start balance 2012/13: USD 1,5 mln excl UNEP in-kind
 - 775K activities
 - 740K CH
 - + UNEP in-kind ~ 850K
- Still to raise for 12/13 about USD 1 mln
- More for GFEI, less for PCFV
- Funds mainly EU,
- US-EU-UNEP to remain big three
- New GEF project

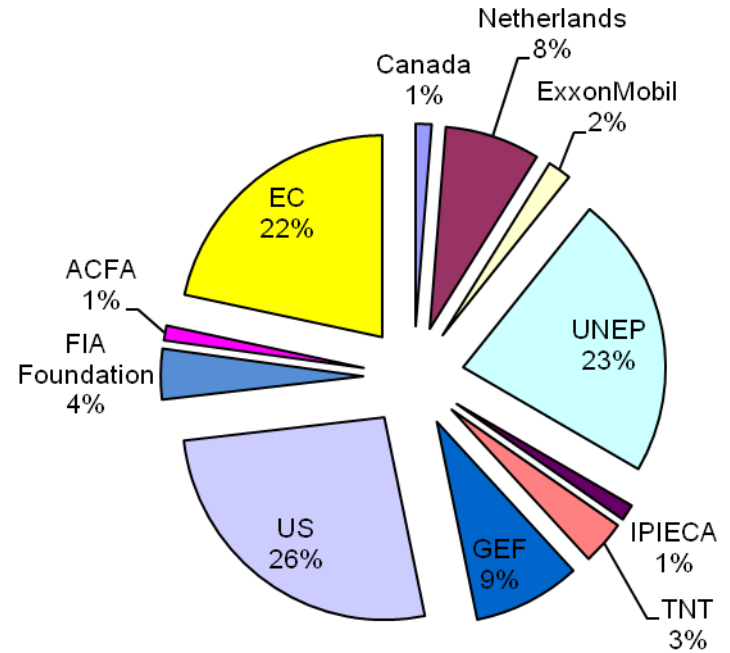
PCFV Resources - budget

- Total expenditures 10/11: USD 3,2 mln
(08/09: 2,9 mln)
 - Activities: USD 1,4 mln (08/09: 1,4 mln)
 - CH: USD 970K – excl UNEP in-kind
USD 1,8 mln (08/09: 1,5 mln) (incl. UNEP in-kind)
- Activities:
 - Global USD 409K
 - In Regions USD 1021
 - As follows:
 - Africa USD 334
 - CEE USD 115
 - LAC USD 182
 - Asia USD 231
 - MEWA USD 159

Financial Overview, Clearing House

Funding to date (2002-2011) - PCFV & GFEI combined:

Contribution received for PCFV Clearing House as of October 2011	Amount
	USD
Canada	143,512
Netherlands	865,100
ExxonMobil	213,562
UNEP	2,576,875
IPIECA	147,837
TNT	400,000
GEF	980,000
US	3,001,841
FIA Foundation	458,842
ACFA	135,000
EC	2,462,000
Total	11,384,569



Note: UNEP's contribution is about half for activities and half for salaries and operating expenses

- 26th
- 14.30-15.30
- Progress Asia
- Vered



Key Fuel Related Activities 2010 – 2011, Asia-Pacific



LEAD

- Lead Phase-out Workshops in North Korea & Myanmar

SULPHUR

- PCFV presentations on clean fuels: 1) 3rd Governmental Meeting on Urban Air Quality in Asia, Singapore; 2) Better Air Quality in Asia Conference, Singapore; 3) China Clean Fuels Summit, Beijing
- PCFV and Ministry of Environmental Protection of China's International Workshop on Ultra-Low Sulphur & Low Carbon Vehicle Fuels, Beijing
- National Clean Fuels and Vehicles Workshop, Dhaka, Bangladesh
- PCFV Regional Clean Fuels & Vehicles Workshop for SACEP countries, Sri Lanka
- PCFV follow up presentation at the 12th Meeting of SACEP's Governing Council, Sri Lanka (leading to the adoption of a Low Sulphur target)
- Follow up on PCFV's 2009 national workshop for Vietnam (leading to approval of roadmap for fuel quality standards: Euro 4 equivalent in January 2016; Euro 5 by January 2021)

Key Vehicle Related Activities 2010 – 2011, Asia-Pacific



VEHICLES

- Follow up on PCFV's 2009 national workshop for Vietnam (leading to approval of roadmap for new motor vehicle emission standards: Euro 4 by January 2017; Euro 5 by January 2022; motorcycles - Euro 3 by January 2017)
- Fuel economy project agreement signed with the Vietnam Register of the Ministry of Transport
- PCFV presentations on Vehicle standards: 1) 5th Regional Environmentally Sustainable Transport Forum in Asia, Bangkok; 2) Better Air Quality in Asia Conference, Singapore
- Clean Fleet Management Toolkit trainings: Indonesia, the Philippines





- 26th
- 14.30-15.30
- Progress Africa
- Jane



Africa Progress in 2010/2011

Sub-regional events

- Morocco clean fuels experience
 - April 2010 - 3 countries
- Ivory Coast vehicles workshop
 - Aug 2010 - 5 countries
- Maputo Auto club workshop
 - Oct 2010 East & Southern Africa
- Kenya Vehicle Efficiency Baseline
 - Nov 2010 -3 countries
- SS Africa CBA Workshop
 - June 2011 - 19 countries
- SUSTRAN cleaner public transport
 - 3 Cities - on-going
- Algeria lead phase-out workshop
 - Nov 2011- 3 countries
- ARA Egypt Spec/refinery visit: Nov 2011



Africa Progress in 2010/2011

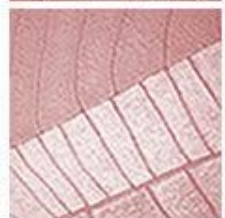
National events



- 50ppm: Tunisia Oct 2010
- 500ppm: Kenya, Uganda, Tanzania, Mauritius
- Kenya – 4 cleaner public transportation workshops
- Mauritius – ongoing low sulphur and clean vehicles activities
- Burundi - Low sulphur workshop Apr 2011
- Ethiopia & Kenya - Clean efficient vehicles
- Rwanda mission Oct 2011



- 26th
- 14.30-15.30
- Progress LAC
- Veronica





Latin America and the Caribbean

Key Activities 2010 – 2011



SULPHUR

- Air quality study in Asuncion (75% car fleet running on ≥ 2.000 ppm Sulphur Diesel)
- National development of cleaner fuels and vehicles Action Plan for Paraguay, both study and plan presented to Congress in May 2011

VEHICLES

- Clean Fleet Management Trainings: Sub-Regional level with Caribbean Health Institute (CEHI) fleet managers from 8 countries in the region, 2011. National level - Peru, Chile, Paraguay, both public and private. Jamaica, scheduled for late 2011



Latin America and the Caribbean

Key Activities 2010 – 2011



GFEI

- Phase I, Chile, vehicle fleet baseline study completed, new national Fuel Economy labeling system adopted. produced and presented a national fee-bate systems proposal to Ministries to be presented to Congress in March 2012 for law approval
- Phase II Jamaica has allocated GEF 5 Climate Change funds for GFEI project

AGREEMENTS:

- Cleaner Fuels and Vehicles and more Efficient Road Transport, with Ministry of Transport of Chile

MEETINGS

- Participation in LAC Ministerial Meeting, Panama City, 2010
- Chilean Car Market Environmental Report, Conference 2010
- Diesel Emissions Conference & ARLA 32 Forum Brazil 2011, PCFV presentation
- Strategic partners: Centro Mario Molina Centre – CMMCh,
- Caribbean Health Institute (CEHI)

- 26th
- 14.30-15.30
- Progress Middle East and West Asia
- Mary



Middle East-West Asia Activities 2010/2011

- Middle East Cleaner Fuels & Vehicles for Clean Air Policy Forum, September 2010;
- 22nd meeting of CAMRE in December 2010 in Cairo endorsed the PCFV to pursue a regional approach to clean fuels and vehicles. 22 countries attended the meeting;
- Iraq Technical and Policy Workshop on lead Phase-out held in Cairo in April 2011. In discussion with Iraq to fund national lead phase out activities;
- Joint PCFV meeting with the League of Arab States Technical Secretariat for Environment, ROWA and strategic partner, CEDARE in Cairo to discuss next steps in supporting the CAMRE resolution;
- Additional funding agreement signed with Yemen in Dec 2010 for lead phase out; PCFV-national dialogue at high level political office for commitment to lead elimination;
- Dialogue with Bahrain, Jordan, Syria, Saudi Arabia, Qatar and Lebanon for PCFV and GEFI national projects.

Sulphur in Diesel Reduction Status

- 18 MENAWA countries in different stages
- GCC countries working through Gulf Standards Organization (GSO)
 - Saudi Arabia – moved to the 500ppm sulphur except for small area where 800ppm after hydrotreater at Ras Tanura was commissioned this year. Country now on 2020 Road Map announced in 2008 to go to lower than 50ppm by 2013/2014
 - Bahrain – 500ppm locally available from late 2010 and expected to now go country wide given Saudi move to 500ppm. Exports 30ppm & lower
 - United Arab Emirates – Dubai city on 50 ppm but status not certain for whole country
 - Kuwait/Qatar - clean fuel road maps to 10ppm & lower postponed to 2013 & 2012 respectively
 - Oman on less than 50ppm
- Middle East non-GCC countries
 - Iraq, Jordan, Syria Lebanon & Yemen - grappling with refurbishment /disinvestment issues of old government owned refineries
- Israel on 50ppm while Palestine & Lebanon being importers

- 26th
- 14.30-15.30
- Progress CEE
- Elisa



- **Albania, FYR Macedonia, Montenegro, Serbia and Bosnia and Herzegovina Launch of Sub regional cooperation and coordination framework and mechanism for cleaner fuels and vehicles in southeast Europe (SEE)**
 - Working Session I in Belgrade, Serbia on July 2010
 - Working Session II Skopje, Macedonia September, 2010
 - Working Session III in Podgorica, Montenegro October 2010
 - Closing Session in Sarajevo, May 2011
 - High level country follow up sessions Belgrade and Sarajevo, September 2011
- **Montenegro Clean Fuels Project** for Euro 5 fuel and vehicle standards adoption
- **Cleaner, More Efficient Vehicles: Reducing Emissions in Central and Eastern Europe:** May 2010 in Szentendre, Hungary
- **Georgia, Armenia and Azerbaijan:** Caucasus Fuel Economy Initiative launched with Caucasus Environmental NGO network
- **Montenegro Cleaner, More Efficient Vehicles:** project to build national baseline on auto CO2 emissions, and expand to full-fledged policy development project
- **Launch of new website for CEE work:** <http://ceecfv.rec.org>

- 26th
- 14.30-15.30
- Outlook 2012/13
- Rob



Outlook 12/13



- Lead phase out work completed
- Increase in sulphur reduction work
- Regional programs with leading countries in sulphur work
- Many national support projects
- Increase of vehicles work at country level
- Increasing PCFV/ GFEI vehicles country projects



Outlook 2012/13

- Funding will become more challenging
- Both staff (one more post) and activities
- Major funding projects (EU & US) end 2014
- Currently short on activities funds for support to sulphur work
- New GEF project?
- Foundations?
- Increased UNEP funding for activities ?



2012 – country activities

- **CEE** - Russia, Georgia, Montenegro, Serbia, FYR Macedonia, Albania, Bosnia and Herzegovina (planned)
- **LAC** – Jamaica, Paraguay, Peru, Colombia, Brazil, Central America Sub regional training
- **Asia** – Myanmar, North Korea, Indonesia, Pakistan, Philippines, SACEP, Vietnam, ASEAN
- **Africa** – Ghana, Nigeria, Ethiopia, Kenya, Morocco, Mauritius, Rwanda, Sub-regional
- **MEWA** – Yemen, Iraq, Syria and/or Lebanon, Bahrain, Saudi Arabia