

TNT/UNEP Fleet management toolkit

- This tool will help fleet managers to develop their own **Cleaner Fleet Strategy**
- **CD-based**
- **18 Tools**; 17 tools with basic information (1.5 pages each) and further web-links and 1 “Inventory and Options Tool” (spread sheet)
- **6 animations** (including health effects)
- **4 examples** of fleets (DHL/ UPS/ Jakarta/FedEX)



United Nations Environment Programme

- Introduction
- Step by Step plan
- Awareness
- Impacts
- Actions
- Strategy

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 action plan and thus develop your own strategy.

Step by Step plan



[Go to the Step by Step map 9](#)

UNEP Toolkit

Fleet Examples

Tools

Animations

Pollutants



NEWS UNEP and Fleet Forum to help humanitarian agencies to operate cleaner fleets

UNEP and Fleet Forum will organize 2-day training in Geneva May 2007 for humanitarian agencies. The workshop will use the newly develop CD-based toolkit. The aim of the training is for each of the participating agencies to develop a cleaner fleet strategy for their own fleets.

TNT/UNEP Fleet management toolkit

Structure

- **Awareness;** Helps you understand the problem of transport and environment
- **Impact;** Helps you make an inventory of your fleet and roughly calculate your emissions and their impacts (baseline)
- **Actions;** Gives you an overview of options available in the short, medium, and long term for a cleaner vehicle fleet and shows potential emissions reductions for these actions
- **Strategy;** Helps you to develop a cleaner fleet strategy and monitoring your improvements

TNT/ UNEP Toolkit - Implementation

- Used for development of national action plans by TNT offices world wide
- Turkey case study
- Training sessions (open to others)
- Toolkit UNEP/ PCFV ownership - freely available to interested partners
- Adaptation of Toolkit – e.g. humanitarian agencies (FleetForum)
- To be applicable for the reduction of emissions of any vehicle fleet (focused at operations in developing/ transition countries)
- Further application by PCFV Clearing House

International Red Cross example

- **Impacts;** 256 vehicles which together consume 7.243.000 liters of fuel/year
- **Impacts;** IRC's operations emit 17.000 tons of CO₂ and approx. 9 tons of PM
- **Impacts;** To off-set the emissions of CO₂ you would need to plant 2.873 hectares of wood each year
- **Impacts;** The PM emissions would result in 3.4 premature deaths (roughly) each year **if** emitted in the Netherlands

International Red Cross example

- **Action;** ECO driving can save 360.000 to 720.000 liters of fuel each year
- **Action;** Better maintenance can save 280.000 to 500.000 liters of fuel each year
- **Action;** Replacing all trucks with Euro V can save >6 tons of PM
- **Action;** Replacing all **12** of IRC's 2-stroke motorcycles with 4-strokes can save >2 tons of volatile organic compounds (VOCs)