

COPERT 4

Charis Kouridis
charis.k@emisia.com

Dimitris Gkatzoflias
dimitris.g@emisia.com

EMISIA S.A.
Thessaloniki
+30 2310 473374
www.emisia.com



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European Environment Agency

Overview

- Installation
- 7 Steps + Export Data
- Time series in a single file
- Reports
- New Run Wizard



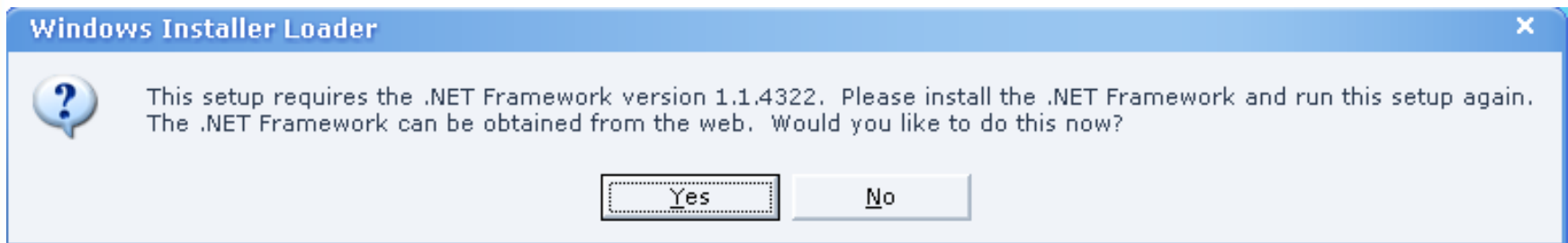
Installation

- Go to <http://www.emisia.com/copert/Download.html>
- Select the preferred language (En or Ru)
- Accept the license agreement and download the installation file
- Extract .zip file
- Double-click "setup.exe"
- Just follow the setup wizard and press "Close" when the installation is completed



Installation – Important Note

- Microsoft .NET Framework version 1.1 or later is required, in order COPERT 4 to run
- In case it is not already installed, a message appears:



- Solution:
 - Press "Yes"
 - Save "dotnetfix.exe" on disk
 - Double-click "dotnetfix.exe"
 - Follow the setup wizard
 - After the successful installation you can install COPERT 4



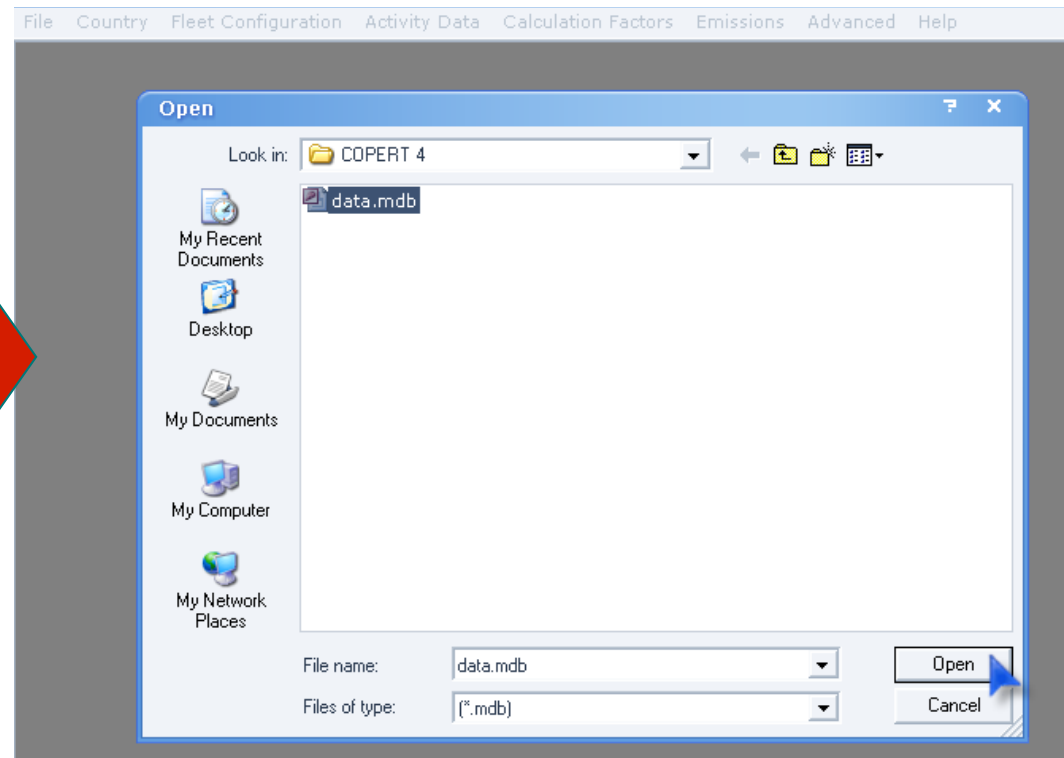
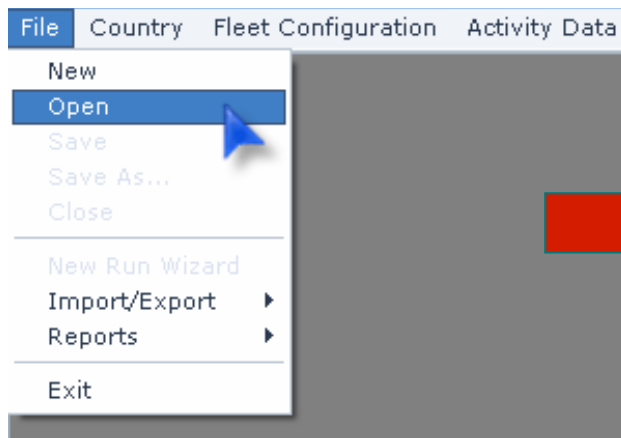
Getting Started

- After the installation a folder named 'COPERT 4' is created in the 'My Documents' folder
 - In that folder a file named 'data.mdb' will be placed
 - Important Note:
 - Do not use the Microsoft Access application to open and modify the '.mdb' files that are created by the COPERT 4 application, because they may not be able
 - to be opened and
 - processed
- by the COPERT 4 application



Step 1

- After you launch COPERT 4 application
(Start > All Programs > COPERT 4)
 - Go to 'File' > 'Open' and
 - Select the 'data.mdb' file.



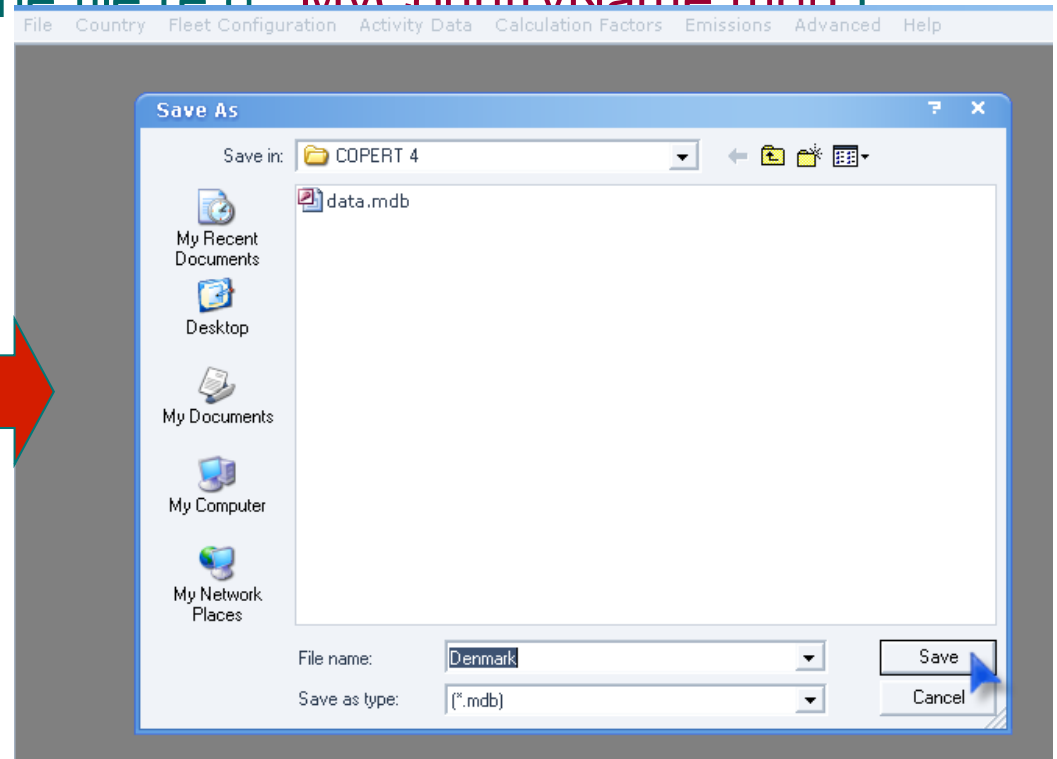
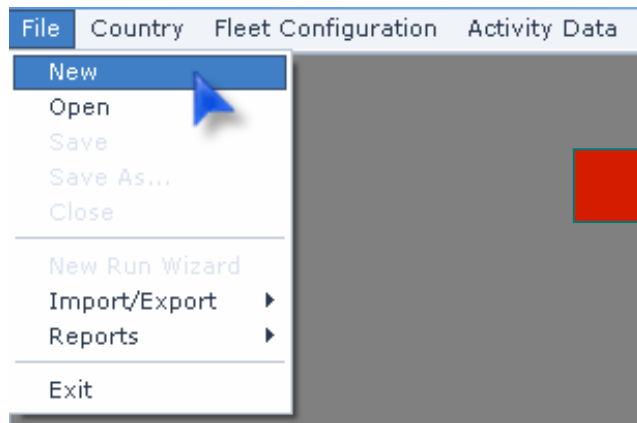
Step 1

- When you open a file a copy is created in the same folder of the opened file with an extension **'.tmpX'**, where X is a number.
- This copy file is a hidden file. During the file process all the changes are stored to the copy file and not the original.
- When you close the file from the **'File' > 'Close'** menu or you try to exit the application you will be asked if you want the changes to be stored to the opened file.
 - If you press **'Yes'**, the changes will be stored and the copy file will be deleted
 - If you choose **'No'**, the copy file will be deleted without storing the changes to the opened file.



Step 1

- In order to create a new run:
 - Go to 'File' > 'New'
 - Provide a name for the file (e.g. 'MyCountryName.mdb')

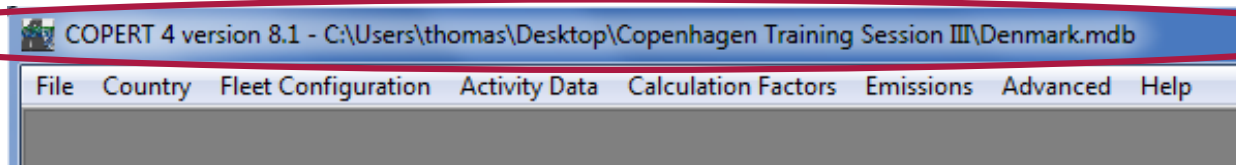


- Also do not forget to save frequently your changes (File > Save)



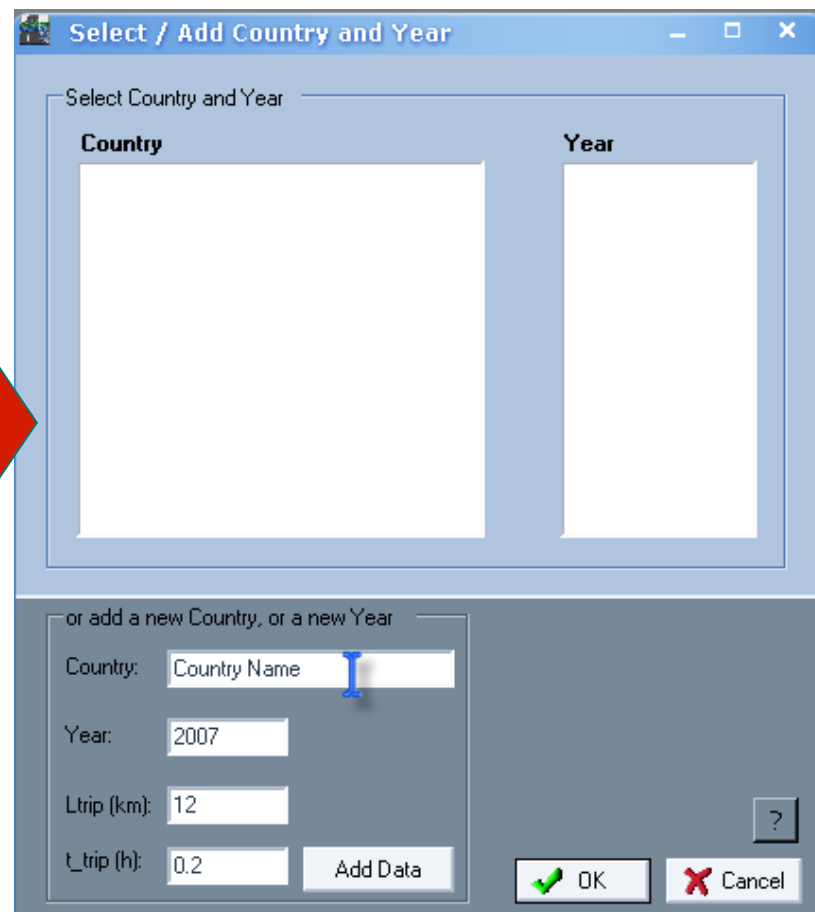
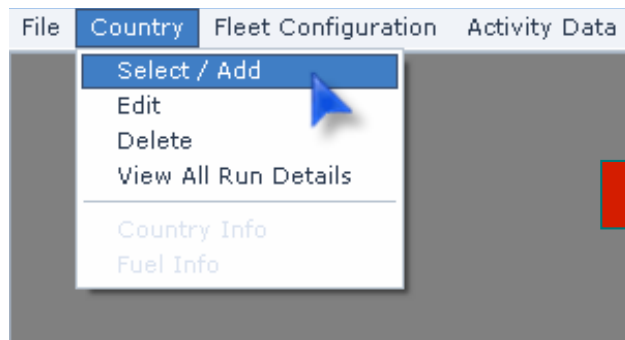
Step 1

- The file that you process is showed at the top of the window.



Step 2 – Select/Add Country and Year

- Since you open the file, try 'Country' > 'Select/Add' and from the appearing form you can either Select an existing country and year or Create a new country and year.



A screenshot of a dialog box titled 'Select / Add Country and Year'. The dialog has two columns: 'Country' and 'Year'. Below these columns, there is a section for adding new data with the following fields: 'Country: Country Name', 'Year: 2007', 'Ltrip (km): 12', and 'L_trip (h): 0.2'. There is an 'Add Data' button next to the last field. At the bottom right, there are 'OK' and 'Cancel' buttons, and a help icon (?) is visible.



Step 2 – Select/Add Country and Year

- If you want to create a country, fill the textboxes 'Country', 'Year', 'Ltrip', 't_trip' and press 'Add Data'.
- Select the country and year and press **OK**. You can see the selected country and year on the Run Details table.
- If you don't want the changes to be applied press **Cancel**.

File Country Fleet Configuration Activity Data Calculation Factors Emissions Advanced Help

Select / Add Country and Year

Select Country and Year

Country	Year
Denmark	2004

or add a new Country, or a new Year

Country: Denmark

Year: 2004

Ltrip (km): 12

t_trip (h): 0.2

Add Data

OK Cancel

Hide Run Details

Country:	Denmark
Year:	2004
Beta:	Not Calculated
Apply Statistical Fuel Correction:	No
Mileage Degradation:	No
Mileage Degrad. Factors:	Not Calculated
Fuel Effect Year:	1996
Fuel Effect Factors:	Not Calculated
Hot Emission Factors:	Not Calculated
Cold Emission Factors:	Not Calculated
Evaporation Factors:	Not Calculated
Hot Emissions:	Not Calculated
Cold Emissions:	Not Calculated
Evaporation Emissions:	Not Calculated
Advanced	
Load / Slope Effect:	No



Important Note

- When you open one form and then you try to open another one, the second will not be available for changes but you can only view the data of the form.
- That happens because we want to have consistency of the data. So when you finish with the changes of one form close the form (by pressing OK the changes will be applied, by pressing Cancel they will be discarded) and then open another one for further changes.
- However when you have an open form you can open others to view or compare other data.

The image displays two side-by-side screenshots of software windows. The left window, titled "Select / Add Country and Year", shows a form with two columns: "Country" (containing "Denmark") and "Year" (containing "2004"). Below the columns are input fields for "Country", "Year", "Ltrip (km)", and "t_trip (h)", with values "Denmark", "2004", "12", and "0.2" respectively. An "Add Data" button is circled in red. The right window, titled "Edit Country's Attributes", shows the same "Country" and "Year" columns. Below are buttons for "Change Name", "Change Year", "Change Ltrip", and "Change t_trip". The "OK" button is circled in red. A gear icon is visible in the bottom right corner of the right window.

Step 3 – Country Info

- From the 'Country' > 'Country Info' form you can fill the temperatures, RVP, humidity and Beta data of the selected country and year.
- Beta data can also be calculated by pressing the 'Calculate Beta' button.
- You can have either different data for every year of each country or the same. When you fill the data and press 'OK' you will be asked if you want the changes you made to be applied to all the years of the selected country or not.



A screenshot of the 'Country Info' dialog box. The dialog has a title bar 'Country Info' and a close button. It contains two tables of data for months Jan through Dec. The first table shows Min Temp (°C), Max Temp (°C), and RH (%). The second table shows RVP (kPa) and Beta. At the bottom, there is a 'Calculate Beta' button, a help icon, and 'OK' and 'Cancel' buttons.

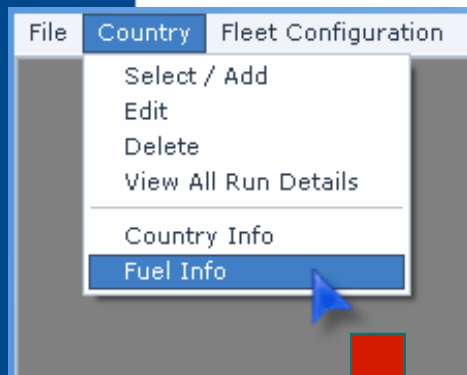
Month	Min Temp (°C)	Max Temp (°C)	RH (%)	Month	RVP (kPa)	Beta
Jan	6.40	12.90	72.00	Jan	80	0.293
Feb	6.70	13.90	71.00	Feb	80	0.289
Mar	7.80	15.50	68.00	Mar	80	0.282
Apr	11.30	20.20	62.00	Apr	64	0.261
May	15.90	25.00	58.00	May	64	0.237
Jun	20.00	29.90	52.00	Jun	64	0.214
Jul	22.80	33.20	48.00	Jul	64	0.199
Aug	22.80	33.10	49.00	Aug	64	0.199
Sep	19.30	29.00	56.00	Sep	80	0.218
Oct	15.40	23.80	66.00	Oct	80	0.242
Nov	11.70	18.60	73.00	Nov	80	0.264
Dec	8.20	14.60	73.00	Dec	80	0.284



A screenshot of a confirmation dialog box with the text: 'Do you want to apply these values to all the years of the country (Press Yes), or only to the current year (Press No)?'. There are three buttons: 'Yes', 'No', and 'Cancel'. A mouse cursor is pointing at the 'Yes' button.

Step 4 – Fuel Info

- From the 'Country' > 'Fuel Info' form you can provide data for the Fuel specifications and the Statistical Annual Fuel Consumption to be used in the calculations.
- 7 fuel types are included, specifically: Leaded and Unleaded Gasoline, Diesel, Light Petroleum Gas (LPG), Compressed Natural Gas, Biodiesel and Bioethanol.
- Several values for heavy metal content and H:C ratio are proposed. However, those values can be changed if more accurate figures are available.
- Also these data can be different for every year and country.



The 'Fuel Information' dialog box is shown. It has two main sections: 'Annual Fuel Consumption' and 'Fuel Specifications'.
Annual Fuel Consumption: A table with columns 'Fuel' and 'Annual Consumption (t)'. The rows are: Gasoline Leaded (0), Gasoline Unleaded (0), Diesel (0), LPG (0), CNG (0), and Biodiesel (0). There are input fields for 'Provide Fuel Consumption in...' (with a unit dropdown set to 'tonnes') and '..TJ'.
Fuel Specifications: A table with columns 'Fuel', 'Sulphur Content (%wt)', and 'Lead Content (g/l)'. The rows are: Gasoline Leaded (0, 0), Gasoline Unleaded (0, 0), Diesel (0, 0), LPG (0, 0), CNG (0, 0), and Biodiesel (0, 0).
 There is an 'Advanced' button at the bottom.

The 'Improved Fuel Quality Specifications' dialog box is shown. It contains two data tables.
Gasoline Table:

Year	E100 (%v/v)	E150 (%v/v)	Aromatics (%v/v)	Olefins (%v/v)	Benzene (%v/v)	Sulphur (mg/kg)
1996	52	86	39	10	2.1	150
2000	52	86	37	10	0.8	0
2005	52	86	33	10	0.8	0
2009	52	86	33	10	0.8	0

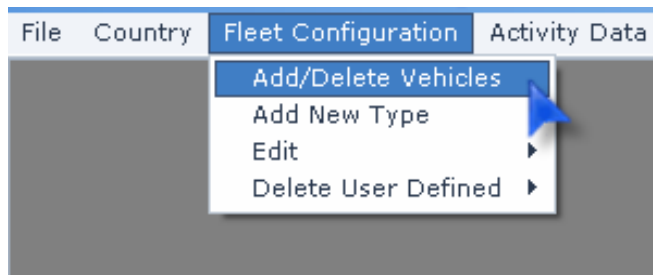
Diesel Table:

Year	Density (kg/m3)	PCA (% v/v)	CN	T95 (oC)	Sulphur (mg/kg)
1996	840	9	51	350	400
2000	840	7	53	330	0
2005	835	5	53	320	0
2009	835	5	53	320	0

At the bottom, there is a dropdown menu for 'Fuel considered for the calculations:' set to '1996', and 'OK' and 'Cancel' buttons.

Step 5 – Fleet Configuration

- The next step is to configure your fleet. You can do that from the 'Fleet Configuration' > 'Add/Delete Vehicles' form.
- A list of the available vehicle categories will appear. You can select the desired vehicles by checking the checkboxes in the 'Select' column. After you make the selections press 'OK'.



The screenshot shows a dialog box titled "Add/Delete Vehicles for the 'Activity Data' forms". It has several sections:

- Show all Sectors:** A list of vehicle categories: Passenger Cars, Light Duty Vehicles, Heavy Duty Trucks, Buses, Mopeds, and Motorcycles. "Passenger Cars" is selected.
- Types of vehicles:** Radio buttons for "All", "COPERT's Default", and "User Defined". "All" is selected.
- Apply this Fleet Configuration to the following years:** An empty text box.
- Select all the vehicles that you want to add to the 'Activity Data' forms. Unselect all the vehicles that you want to delete from the 'Activity Data' forms.** A table with columns: Select, Sector, Subsector, Legislation Standard, Default Type, and Fuel Type. All "Select" checkboxes are checked.

Select	Sector	Subsector	Legislation Standard	Default Type	Fuel Type
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	PRE ECE	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	ECE 15/00-01	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	ECE 15/02	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	ECE 15/03	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	ECE 15/04	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	Improved Conventional	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	Open Loop	<input checked="" type="checkbox"/>	Gasoline Unleaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	PC Euro 1 - 91/441/EEC	<input checked="" type="checkbox"/>	Gasoline Unleaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	PC Euro 2 - 94/12/EEC	<input checked="" type="checkbox"/>	Gasoline Unleaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	PC Euro 3 - 98/69/EC Stag	<input checked="" type="checkbox"/>	Gasoline Unleaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	PC Euro 4 - 98/69/EC Stag	<input checked="" type="checkbox"/>	Gasoline Unleaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	PC Euro 5 (post 2005)	<input checked="" type="checkbox"/>	Gasoline Unleaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4l	PC Euro 6	<input checked="" type="checkbox"/>	Gasoline Unleaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0l	PRE ECE	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/00-01	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/02	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/03	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/04	<input checked="" type="checkbox"/>	Gasoline Leaded
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0l	Improved Conventional	<input checked="" type="checkbox"/>	Gasoline Leaded

Buttons at the bottom: Select All, Unselect All, ? (Help), OK, Cancel.

Step 5 – Fleet Configuration

- The next time you open the 'Add/Delete Vehicles' form, the vehicles of your fleet will be checked. If you want to delete a vehicle category from your fleet just uncheck the 'Select' checkbox.

Select	Sector
<input checked="" type="checkbox"/>	Passenger Cars
<input type="checkbox"/>	Passenger Cars
<input checked="" type="checkbox"/>	Passenger Cars
<input checked="" type="checkbox"/>	Passenger Cars
<input type="checkbox"/>	Passenger Cars
<input checked="" type="checkbox"/>	Passenger Cars
<input type="checkbox"/>	Passenger Cars
<input checked="" type="checkbox"/>	Passenger Cars

- Each year of every country has a different fleet configuration. However you can apply a configuration of one year to others of the same country by checking the years in the list: 'Apply this fleet configuration to the following years' that appears on the top right corner of the form.

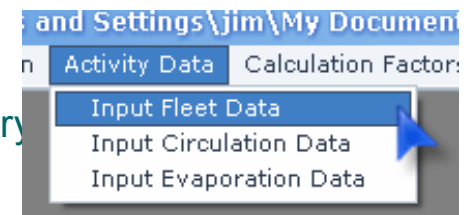
Apply this Fleet Configuration to the following years:

<input checked="" type="checkbox"/>	2005
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Step 6 – a) Direct Input Data

- Then you have to fill all the Activity Data (Fleet, Circulation and Evaporation Data). There are three ways to do that.
- The first way is directly through the forms 'Input Fleet Data', 'Input Circulation Data' and 'Input Evaporation Data' forms that are under the 'Activity Data' menu.
- You open each form; fill the desired values for every vehicle category



Input Fleet Data

Sector: Passenger Cars

Subsector	Legislation Standard
Gasoline <1,4l	PRE ECE
Gasoline <1,4l	ECE 15/00-01
Gasoline <1,4l	ECE 15/02
Gasoline <1,4l	ECE 15/03
Gasoline <1,4l	ECE 15/04
Gasoline <1,4l	Improved Conventional
Gasoline <1,4l	Open Loop
Gasoline <1,4l	PC Euro 1 - 91/441/EEC
Gasoline <1,4l	PC Euro 2 - 94/12/EEC
Gasoline <1,4l	PC Euro 3 - 98/69/EC Stage20
Gasoline <1,4l	PC Euro 4 - 98/69/EC Stage20
Gasoline <1,4l	PC Euro 5 (post 2005)
Gasoline <1,4l	PC Euro 6
Gasoline 1,4 - 2,0l	PRE ECE
Gasoline 1,4 - 2,0l	ECE 15/00-01
Gasoline 1,4 - 2,0l	ECE 15/02

Input Circulation Data

Sector: Passenger Cars

Subsector	Legislation Standard
Gasoline <1,4l	PRE ECE
Gasoline <1,4l	ECE 15/00-01
Gasoline <1,4l	ECE 15/02
Gasoline <1,4l	ECE 15/03
Gasoline <1,4l	ECE 15/04
Gasoline <1,4l	Improved Conventional
Gasoline <1,4l	Open Loop
Gasoline <1,4l	PC Euro I - 91/441/EEC
Gasoline <1,4l	PC Euro II - 94/12/EEC
Gasoline <1,4l	PC Euro III - 98/69/EC S
Gasoline <1,4l	PC Euro IV - 98/69/EC S
Gasoline <1,4l	PC Euro V (post 2005)
Gasoline 1,4 - 2,0l	PRE ECE
Gasoline 1,4 - 2,0l	ECE 15/00-01
Gasoline 1,4 - 2,0l	ECE 15/02

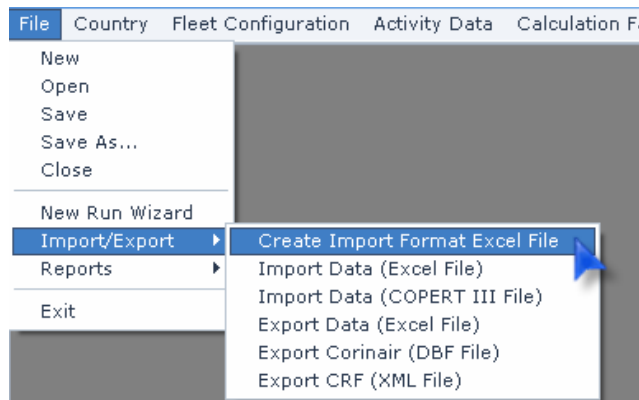
Input Evaporation Data

Sector: Passenger Cars

Subsector	Legislation Standard	Fuel Tank Size (lt)	Canister size	Fuel Injection (%)	Evaporation Control (%)	Evaporation Share (%)		
						Urban	Rural	Highway
Gasoline <1,4l	PRE ECE	50	N/A	1	0	80	10	10
Gasoline <1,4l	ECE 15/00-01	50	N/A	1	0	80	10	10
Gasoline <1,4l	ECE 15/02	50	N/A	1	0	80	10	10
Gasoline <1,4l	ECE 15/03	50	N/A	1	0	80	10	10
Gasoline <1,4l	ECE 15/04	50	N/A	1	0	80	10	10
Gasoline <1,4l	Improved Conventional	50	N/A	1	0	80	10	10
Gasoline <1,4l	Open Loop	50	N/A	1	0	80	10	10
Gasoline <1,4l	PC Euro 1 - 91/441/EEC	50	2	100	100	80	10	10
Gasoline <1,4l	PC Euro 2 - 94/12/EEC	50	2	100	100	80	10	10
Gasoline <1,4l	PC Euro 3 - 98/69/EC Stage200	50	1	100	100	80	10	10
Gasoline <1,4l	PC Euro 4 - 98/69/EC Stage200	50	1	100	100	80	10	10
Gasoline <1,4l	PC Euro 5 (post 2005)	50	1	100	100	80	10	10
Gasoline <1,4l	PC Euro 6	50	1	100	100	80	10	10
Gasoline 1,4 - 2,0l	PRE ECE	60	N/A	1	0	80	10	10
Gasoline 1,4 - 2,0l	ECE 15/00-01	60	N/A	1	0	80	10	10
Gasoline 1,4 - 2,0l	ECE 15/02	60	N/A	1	0	80	10	10
Gasoline 1,4 - 2,0l	ECE 15/03	60	N/A	1	0	80	10	10
Gasoline 1,4 - 2,0l	ECE 15/04	60	N/A	1	0	80	10	10

Step 6 – b) Import Data from Microsoft Excel

- The second way is through an Excel file. Open the 'File' > 'Import/Export' > 'Create Import Format Excel File' form.



The dialog box is titled 'Create Import Format Excel File'. It has two main sections: 'Years as columns' and 'Sheets to be created'. The 'Years as columns' section has a list with '2004' selected. The 'Sheets to be created' section has a sub-section 'Input Data' with a list of checked items: Population, Mileage-km per year, Mean Fleet Mileage-km, U Speed-km per h, R Speed-km per h, H Speed-km per h, U Share-perc, R Share-perc, H Share-perc, Fuel Tank Size-lt, Canister Size, Fuel Injection-perc, Evap Control-perc, Evap U Share-perc, and Evap R Share-perc. Below these sections is a table with columns: Select, Sector, Subsector, Technology, and 2004. The table lists various vehicle categories and their corresponding data for 2004. At the bottom, there are buttons for 'Select all', 'Unselect all', 'Show all vehicle categories, independent of the selected years-columns', 'Create File', and 'Close'.

Select	Sector	Subsector	Technology	2004
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	PRE ECE	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	ECE 15/00-01	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	ECE 15/02	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	ECE 15/03	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	ECE 15/04	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	Improved Conventional	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	Open Loop	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	PC Euro 1 - 91/441/EEC	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	PC Euro 2 - 94/12/EEC	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	PC Euro 3 - 98/69/EC St	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	PC Euro 4 - 98/69/EC St	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	PC Euro 5 (post 2005)	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	PC Euro 6	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0 l	PRE ECE	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0 l	ECE 15/00-01	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0 l	ECE 15/02	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline 1,4 - 2,0 l	ECE 15/03	<input checked="" type="checkbox"/>



Step 6 – b) Import Data from Microsoft Excel

- Select the years of the country that you want to fill the data ('Years as columns' list).

Years as columns

2004

Select all

Unselect all

- Then select w

Sheets to be created

Input Data

<input checked="" type="checkbox"/> Population	<input checked="" type="checkbox"/> H Speed-km per h	<input checked="" type="checkbox"/> Canister Size
<input checked="" type="checkbox"/> Mileage-km per year	<input checked="" type="checkbox"/> U Share-perc	<input checked="" type="checkbox"/> Fuel Injection-perc
<input checked="" type="checkbox"/> Mean Fleet Mileage-km	<input checked="" type="checkbox"/> R Share-perc	<input checked="" type="checkbox"/> Evap Control-perc
<input checked="" type="checkbox"/> U Speed-km per h	<input checked="" type="checkbox"/> H Share-perc	<input checked="" type="checkbox"/> Evap U Share-perc
<input checked="" type="checkbox"/> R Speed-km per h	<input checked="" type="checkbox"/> Fuel Tank Size-lt	<input checked="" type="checkbox"/> Evap R Share-perc

Select all Unselect all



Step 6 – b) Import Data from Microsoft Excel

- Finally select the vehicle categories of which the data will be filled by checking the checkboxes in the 'Select' column.
- The vehicles that are displayed are only those of the fleet configuration of each year of every country you did before and not all the COPERT's vehicle categories.
- If a vehicle category exists in a fleet configuration of a specific year then the cell of that year in the form's table will be checked, otherwise this column will not be checked.

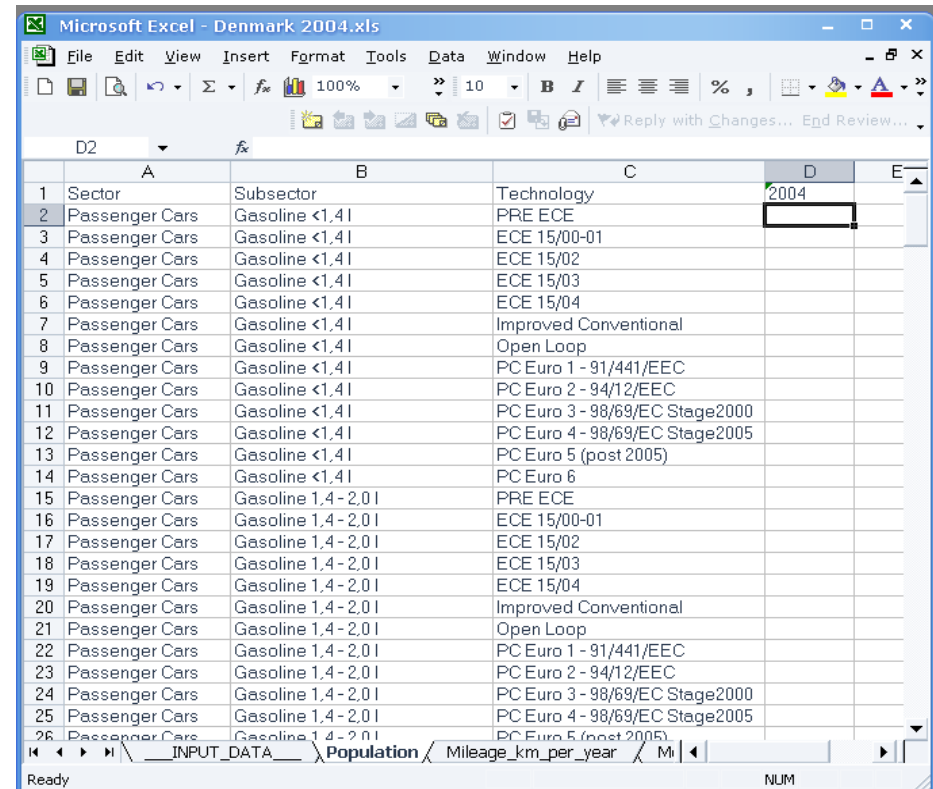
Select	Sector	Subsector	Technology	2004
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	PRE ECE	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	ECE 15/00-01	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	ECE 15/02	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	ECE 15/03	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	ECE 15/04	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Passenger Cars	Gasoline <1,4 l	Improved Conventional	<input checked="" type="checkbox"/>

- After you made your selections press 'Create File' and you will be asked the name and where the Excel file will be stored. To close this form press 'Close'.



Step 6 – b) Import Data from Microsoft Excel

- Open the Excel file you have just created with the Microsoft Excel application.
- Every selected data type is a different sheet in the Excel file.
- Every selected vehicle category is a row.
- Every selected year is a column.



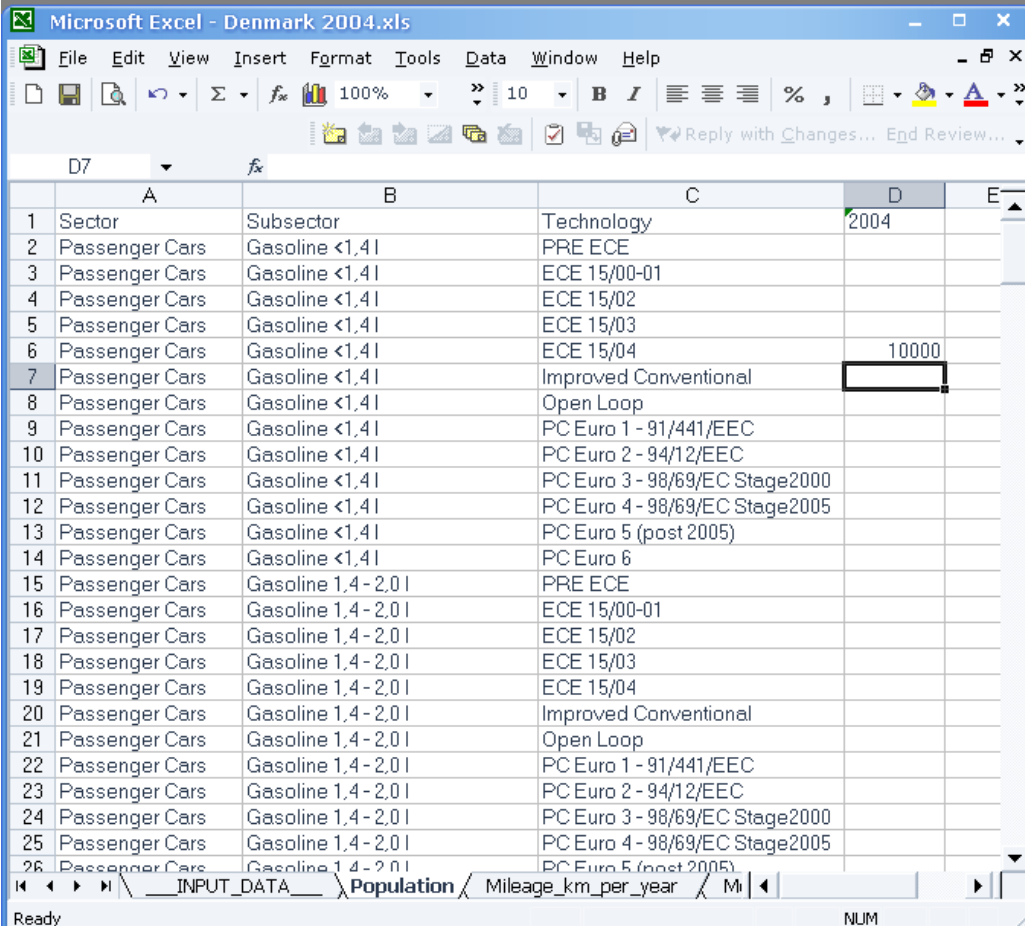
Microsoft Excel - Denmark 2004.xls

	A	B	C	D	E
1	Sector	Subsector	Technology	2004	
2	Passenger Cars	Gasoline <1,4l	PRE ECE		
3	Passenger Cars	Gasoline <1,4l	ECE 15/00-01		
4	Passenger Cars	Gasoline <1,4l	ECE 15/02		
5	Passenger Cars	Gasoline <1,4l	ECE 15/03		
6	Passenger Cars	Gasoline <1,4l	ECE 15/04		
7	Passenger Cars	Gasoline <1,4l	Improved Conventional		
8	Passenger Cars	Gasoline <1,4l	Open Loop		
9	Passenger Cars	Gasoline <1,4l	PC Euro 1 - 91/441/EEC		
10	Passenger Cars	Gasoline <1,4l	PC Euro 2 - 94/12/EEC		
11	Passenger Cars	Gasoline <1,4l	PC Euro 3 - 98/69/EC Stage2000		
12	Passenger Cars	Gasoline <1,4l	PC Euro 4 - 98/69/EC Stage2005		
13	Passenger Cars	Gasoline <1,4l	PC Euro 5 (post 2005)		
14	Passenger Cars	Gasoline <1,4l	PC Euro 6		
15	Passenger Cars	Gasoline 1,4 - 2,0l	PRE ECE		
16	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/00-01		
17	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/02		
18	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/03		
19	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/04		
20	Passenger Cars	Gasoline 1,4 - 2,0l	Improved Conventional		
21	Passenger Cars	Gasoline 1,4 - 2,0l	Open Loop		
22	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 1 - 91/441/EEC		
23	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 2 - 94/12/EEC		
24	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 3 - 98/69/EC Stage2000		
25	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 4 - 98/69/EC Stage2005		
26	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 5 (post 2005)		



Step 6 – b) Import Data from Microsoft Excel

- You have to fill the cells in the year's columns with the values you want.
- For example if you want the Mileage for the year '2004' of a vehicle category to be 10000 km, you go to the 'Mileage_km' sheet, then to the row of the vehicle category and to the column '2004' and you write the number 10000.
- You can leave a cell blank if you want a value of the database data not to be changed.



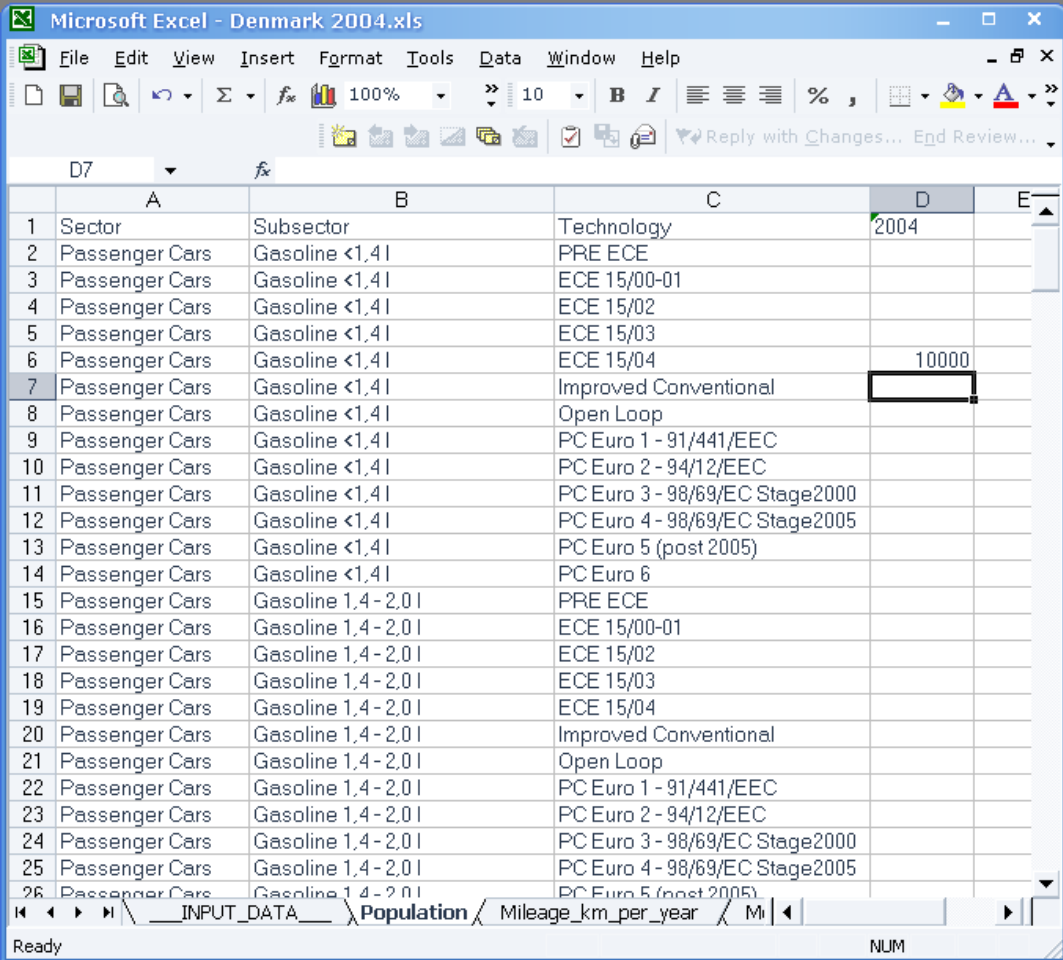
Microsoft Excel - Denmark 2004.xls

	A	B	C	D	E
1	Sector	Subsector	Technology	2004	
2	Passenger Cars	Gasoline <1,4l	PRE ECE		
3	Passenger Cars	Gasoline <1,4l	ECE 15/00-01		
4	Passenger Cars	Gasoline <1,4l	ECE 15/02		
5	Passenger Cars	Gasoline <1,4l	ECE 15/03		
6	Passenger Cars	Gasoline <1,4l	ECE 15/04	10000	
7	Passenger Cars	Gasoline <1,4l	Improved Conventional		
8	Passenger Cars	Gasoline <1,4l	Open Loop		
9	Passenger Cars	Gasoline <1,4l	PC Euro 1 - 91/441/EEC		
10	Passenger Cars	Gasoline <1,4l	PC Euro 2 - 94/12/EEC		
11	Passenger Cars	Gasoline <1,4l	PC Euro 3 - 98/69/EC Stage2000		
12	Passenger Cars	Gasoline <1,4l	PC Euro 4 - 98/69/EC Stage2005		
13	Passenger Cars	Gasoline <1,4l	PC Euro 5 (post 2005)		
14	Passenger Cars	Gasoline <1,4l	PC Euro 6		
15	Passenger Cars	Gasoline 1,4 - 2,0l	PRE ECE		
16	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/00-01		
17	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/02		
18	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/03		
19	Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/04		
20	Passenger Cars	Gasoline 1,4 - 2,0l	Improved Conventional		
21	Passenger Cars	Gasoline 1,4 - 2,0l	Open Loop		
22	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 1 - 91/441/EEC		
23	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 2 - 94/12/EEC		
24	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 3 - 98/69/EC Stage2000		
25	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 4 - 98/69/EC Stage2005		
26	Passenger Cars	Gasoline 1,4 - 2,0l	PC Euro 5 (post 2005)		



Step 6 – b) Import Data from Microsoft Excel

- Note:
If a vehicle category does not exist in a fleet configuration of a specific year then the cell of the Excel file will have the value 'not exists'. You should not change that value.
- After you fill the desired values save and close the Excel file.



Microsoft Excel - Denmark 2004.xls

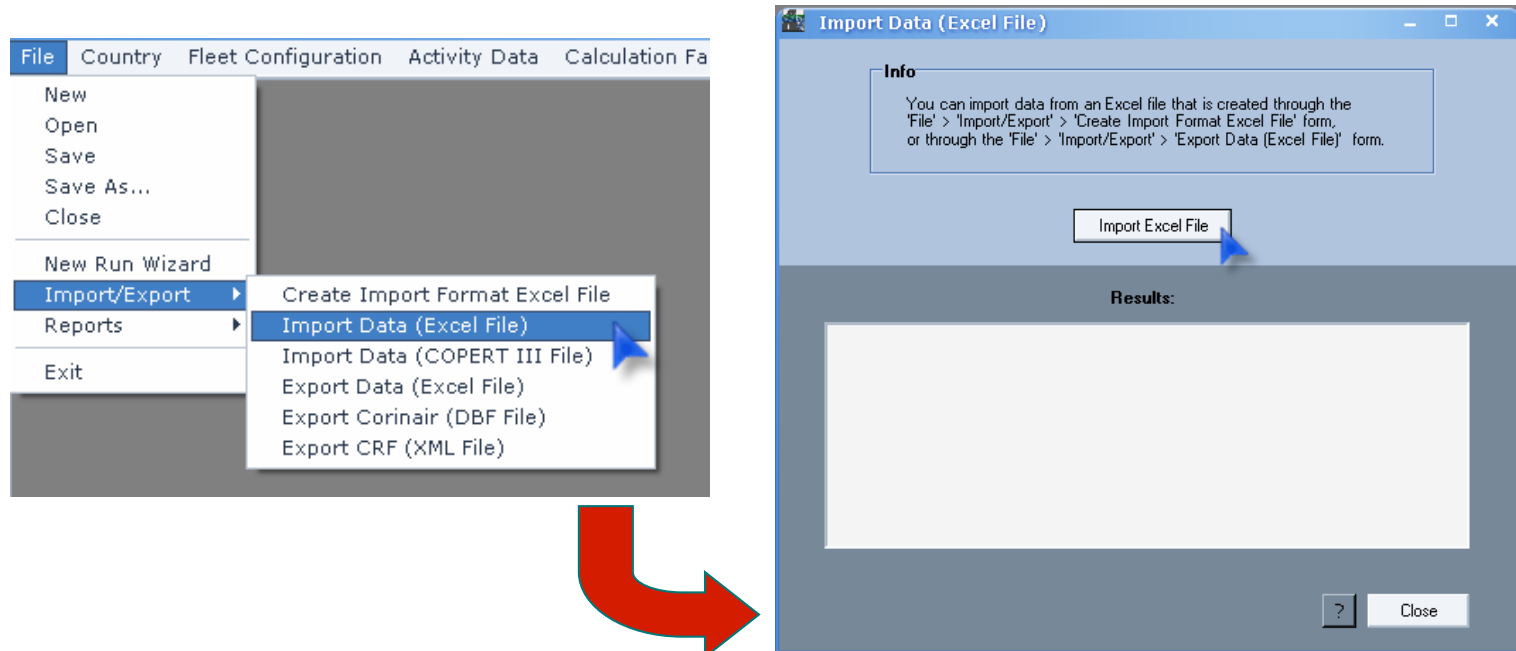
	A	B	C	D	E
1	Sector	Subsector	Technology	2004	
2	Passenger Cars	Gasoline <1,4 l	PRE ECE		
3	Passenger Cars	Gasoline <1,4 l	ECE 15/00-01		
4	Passenger Cars	Gasoline <1,4 l	ECE 15/02		
5	Passenger Cars	Gasoline <1,4 l	ECE 15/03		
6	Passenger Cars	Gasoline <1,4 l	ECE 15/04	10000	
7	Passenger Cars	Gasoline <1,4 l	Improved Conventional		
8	Passenger Cars	Gasoline <1,4 l	Open Loop		
9	Passenger Cars	Gasoline <1,4 l	PC Euro 1 - 91/441/EEC		
10	Passenger Cars	Gasoline <1,4 l	PC Euro 2 - 94/12/EEC		
11	Passenger Cars	Gasoline <1,4 l	PC Euro 3 - 98/69/EC Stage2000		
12	Passenger Cars	Gasoline <1,4 l	PC Euro 4 - 98/69/EC Stage2005		
13	Passenger Cars	Gasoline <1,4 l	PC Euro 5 (post 2005)		
14	Passenger Cars	Gasoline <1,4 l	PC Euro 6		
15	Passenger Cars	Gasoline 1,4 - 2,0 l	PRE ECE		
16	Passenger Cars	Gasoline 1,4 - 2,0 l	ECE 15/00-01		
17	Passenger Cars	Gasoline 1,4 - 2,0 l	ECE 15/02		
18	Passenger Cars	Gasoline 1,4 - 2,0 l	ECE 15/03		
19	Passenger Cars	Gasoline 1,4 - 2,0 l	ECE 15/04		
20	Passenger Cars	Gasoline 1,4 - 2,0 l	Improved Conventional		
21	Passenger Cars	Gasoline 1,4 - 2,0 l	Open Loop		
22	Passenger Cars	Gasoline 1,4 - 2,0 l	PC Euro 1 - 91/441/EEC		
23	Passenger Cars	Gasoline 1,4 - 2,0 l	PC Euro 2 - 94/12/EEC		
24	Passenger Cars	Gasoline 1,4 - 2,0 l	PC Euro 3 - 98/69/EC Stage2000		
25	Passenger Cars	Gasoline 1,4 - 2,0 l	PC Euro 4 - 98/69/EC Stage2005		
26	Passenger Cars	Gasoline 1,4 - 2,0 l	PC Euro 5 (post 2005)		

Ready NUM



Step 6 – b) Import Data from Microsoft Excel

- At this point you have to import the Excel file you have just created.
- So open the 'File' > 'Import/Export' > 'Import Data (Excel File)' form.

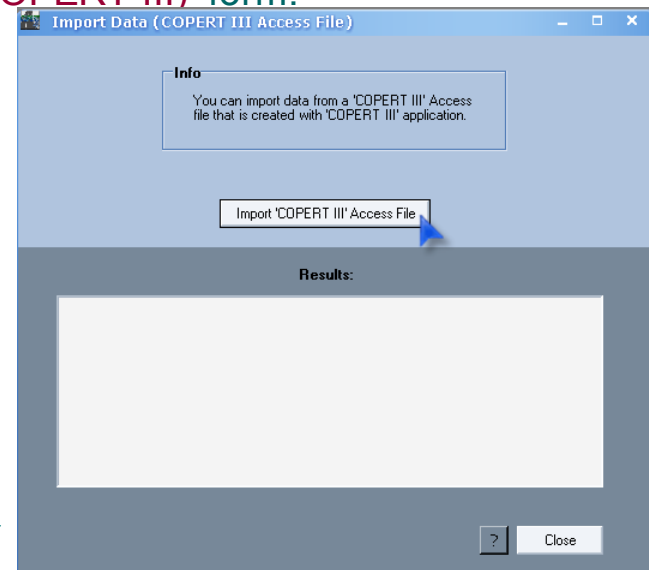
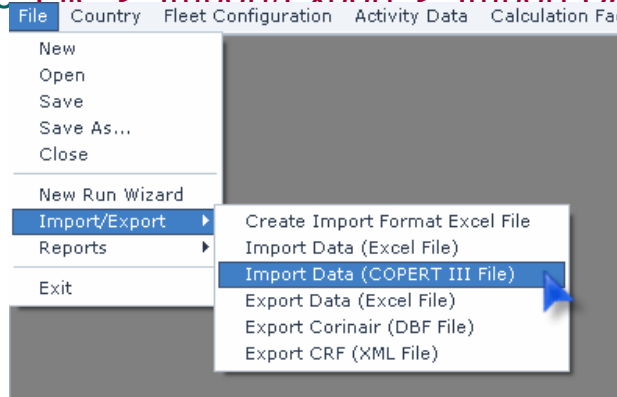


- Press 'Import Excel File' and you will be asked to point to the Excel file you have just created.
- In the 'Results' text area you will be informed about what the application found in the Excel file.
- After you successfully imported the data press 'Close'.



Step 6 – c) Import Data from COPERT III

- The third way is to import the Activity Data from a COPERT III '.mdb' Access Database file.
- Open the 'File' > 'Import/Export' > 'Import Data (COPERT III)' form.

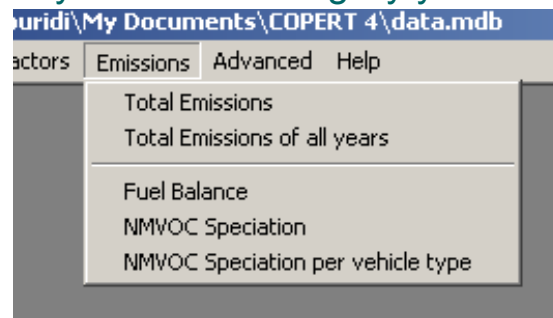


- Press 'Import COPERT III Access File' and point to the file.
- Again in the 'Results' text area you will be informed about what the application found in the file you have just pointed to.
- Press the 'Close' button and view the data you imported in the forms under the 'Activity Data' menu.



Step 7 – Emissions

- Then next step is to calculate all the emissions.
- Open the 'Emissions' > 'Total Emissions' form and press each button of the 'Recalculate' box for every Emission category you want (Hot, Cold, or Evaporation).



Subsector	Legislation Standard	Emissions (t)		
		Urban	Rural	Highway
Gasoline <1.4.1	PRE ECE	5137.11	7958.14	5797.39
Gasoline <1.4.1	ECE 15/00-01	3542.33	5371.55	6955.37
Gasoline <1.4.1	ECE 15/02	2962.03	3444.07	3095.47
Gasoline <1.4.1	ECE 15/03	3128.80	3993.92	2846.40
Gasoline <1.4.1	ECE 15/04	1697.16	2107.86	1603.10
Gasoline <1.4.1	Improved Conventional	1266.65	2188.14	3719.37
Gasoline <1.4.1	Open Loop	1367.54	2029.09	3149.72
Gasoline <1.4.1	PC Euro I - 91/441/EEC	329.62	527.27	659.46
Gasoline <1.4.1	PC Euro II - 94/12/EEC	123.13	214.58	279.96
Gasoline <1.4.1	PC Euro III - 98/69/EC S	103.79	246.25	459.38
Gasoline <1.4.1	PC Euro IV - 98/69/EC S	39.00	99.21	211.40
Gasoline <1.4.1	PC Euro V (post 2005)	0.00	0.00	0.00
Gasoline 1.4 - 2.0.1	PRE ECE	5137.11	7958.14	5797.39
Gasoline 1.4 - 2.0.1	ECE 15/00-01	3542.33	5371.55	6955.37
Gasoline 1.4 - 2.0.1	ECE 15/02	2962.03	3444.07	3095.47
Gasoline 1.4 - 2.0.1	ECE 15/03	3128.80	3993.92	2846.40
Gasoline 1.4 - 2.0.1	ECE 15/04	1697.16	2346.99	1603.10
Gasoline 1.4 - 2.0.1	Improved Conventional	702.30	990.71	1020.89
Gasoline 1.4 - 2.0.1	Open Loop	691.98	1009.41	2611.70

- You can calculate all the emissions and emission factors without having to open all the corresponding forms with the 'All Emissions (including all factors)' button. (When using this button, be careful to have the desired Fuel Effect year on the run details table)

Mileage Degrad. Factors:	Not Calculated
Fuel Effect Year:	2000
Fuel Effect Factors:	Calculated



Final Step – Export Data to Microsoft Excel

- The final step is to export all the emissions.
- Open the 'File > Import/Export > Create Import Format Excel File' form.

The 'Export Data (Excel File)' dialog box is shown with the following sections:

- Years as columns:** 2004 (checked)
- Input Data:** Population, Mileage-km per year, Mean Fleet Mileage-km, U Speed-km per h, R Speed-km per h, H Speed-km per h, U Share-perc, R Share-perc, H Share-perc, Fuel Tank Size-lt, Canister Size, Fuel Injection-perc, Evap Control-perc, Evap U Share-perc, Evap R Share-perc, Evap H Share-perc, Temperatures, RVP and beta.
- Results:** U CO Emiss, R CO Emiss, H CO Emiss, Total CO Emiss, U VOC Emiss, R VOC Emiss, H VOC Emiss, Total VOC Emiss, U NMVOC Emiss, R NMVOC Emiss, H NMVOC Emiss, Total NMVOC Emiss, U CH4 Emiss, R CH4 Emiss, H CH4 Emiss, Total CH4 Emiss, U NOx Emiss, R NOx Emiss, H NOx Emiss, Total NOx Emiss, U NO2 Emiss, R NO2 Emiss, H NO2 Emiss, Total NO2 Emiss.

Select	Sector	Subsector	Technology	2004
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	PRE ECE	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	ECE 15/00-01	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	ECE 15/02	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	ECE 15/03	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	ECE 15/04	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	Improved Conventional	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	Open Loop	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	PC Euro 1 - 91/441/EEC	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	PC Euro 2 - 94/12/EEC	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	PC Euro 3 - 98/69/EC St	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	PC Euro 4 - 98/69/EC St	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	PC Euro 5 (post 2005)	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline <1.4l	PC Euro 6	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1.4 - 2.0l	PRE ECE	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1.4 - 2.0l	ECE 15/00-01	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1.4 - 2.0l	ECE 15/02	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Passenger Cars	Gasoline 1.4 - 2.0l	ECE 15/03	<input checked="" type="checkbox"/>

- This form works the same way the 'Create Import Format Excel File' form does.
- Select the 'Input' and 'Results' Data that you want to export and press 'Export File'.



Time series in a single file

- Since you have calculated one year of a Country you can go on with the next year.
- Just follow the previous steps.
- First 'Select/Add Country and Year'.

Select / Add Country and Year

Select Country and Year

Country	Year
Denmark	2004
	2005

or add a new Country, or a new Year

Country: Denmark

Year: 2005

Ltrip (km): 12

t_trip (h): 0.2

Add Data

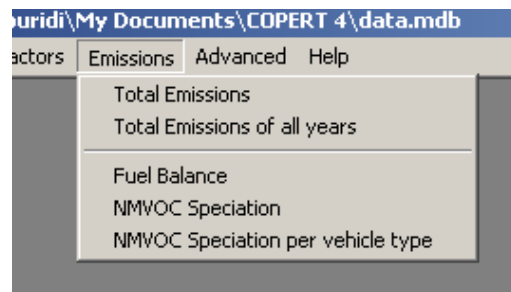
OK Cancel

- Then configure the fleet of this year, input Activity data, calculate Emission Factors and Emissions as it was shown before.



Time series in a single file

- You can view the results through-out the years from the 'Total Emissions of all Years' form
- Go to 'Emissions > 'Total Emissions of all Years' form.



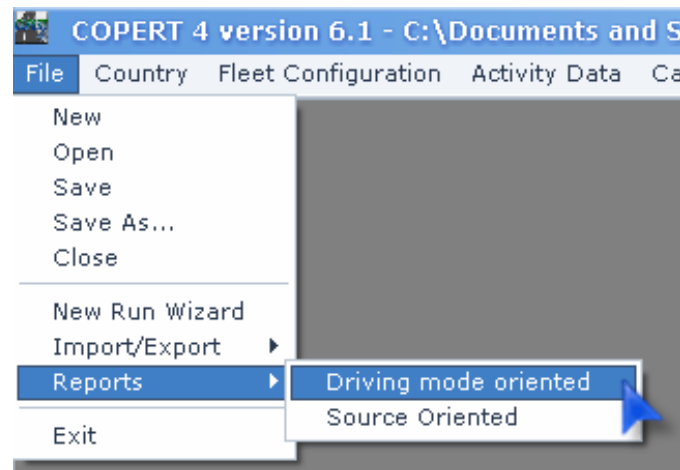
The screenshot shows the 'Total Emissions of all years' application window. The 'Pollutant' is set to 'CO2'. The 'Show all Sectors' checkbox is checked. The table below shows emissions data for various sectors and subsectors for the years 2004 and 2005. The table is filtered to show 'Passenger Cars'.

Urban	Rural	Highway	Total	Sector	Subsector	Legislation Standard	2004	2005
				Passenger Cars	Gasoline <1,4l	PRE ECE	376.61	330.21
				Passenger Cars	Gasoline <1,4l	ECE 15/00-01	2457.69	2183.26
				Passenger Cars	Gasoline <1,4l	ECE 15/02	427.29	431.07
				Passenger Cars	Gasoline <1,4l	ECE 15/03	8274.08	4345.45
				Passenger Cars	Gasoline <1,4l	ECE 15/04	13553.45	12661.81
				Passenger Cars	Gasoline <1,4l	Improved Conventional	0.00	0.00
				Passenger Cars	Gasoline <1,4l	Open Loop	0.00	0.00
				Passenger Cars	Gasoline <1,4l	PC Euro 1 - 91/441/EEC	14617.06	12080.13
				Passenger Cars	Gasoline <1,4l	PC Euro 2 - 94/12/EEC	9974.49	9276.34
				Passenger Cars	Gasoline <1,4l	PC Euro 3 - 98/69/EC St	9316.48	10475.87
				Passenger Cars	Gasoline <1,4l	PC Euro 4 - 98/69/EC St	0.00	0.00
				Passenger Cars	Gasoline <1,4l	PC Euro 5 (post 2005)	0.00	0.00
				Passenger Cars	Gasoline <1,4l	PC Euro 6	0.00	0.00
				Passenger Cars	Gasoline 1,4 - 2,0l	PRE ECE	292.95	256.81
				Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/00-01	1723.68	1562.43
				Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/02	271.26	277.94
				Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/03	4592.70	2480.77
				Passenger Cars	Gasoline 1,4 - 2,0l	ECE 15/04	9314.36	8155.89
				Passenger Cars	Gasoline 1,4 - 2,0l	Improved Conventional	0.00	0.00



Reports

- After calculating the emissions of the desired country and years, one can view auto-generated reports of the selected country's emissions results.
- The available options are: 'Driving Mode Oriented' and 'Source Oriented'.



- With the 'Driving Mode Oriented' form the user can view, save and print reports with the emissions results of the selected country, oriented by driving mode (Urban, Rural, and Highway).
- With the 'Source Oriented' form the user can view, save and print reports with the emissions results of the selected country, oriented by source (Hot, Cold start, Evaporation).
- The results are grouped by pollutant and the user can view all the years' results of the



Reports

Report - Emission Results - Driving Mode oriented

Driving Mode oriented

Pollutants: Heavy Metals

MainReport

10/26/2009 17:28:56 Emission Results - Driving Mode oriented COPERT4 + v2008A1

CO

POLLUTANT	YEAR	SECTOR	URBAN [t]	RURAL [t]	HIGHWAY [t]	TOTAL [t]
CO	2005		357,837.71	137,116.30	16,692.22	208,004.43
		Passenger Cars	139,418.28	23,394.75	38,996.85	174,629.78
		Gasoline <1.6 l	58,597.15	19,121.46	4,482.53	72,101.15
		Gasoline 1.6 - 2.0 l	71,154.72	11,675.12	2,499.99	85,229.74
		Gasoline >2.0 l	9,012.88	1,612.40	827.21	10,752.54
		Diesel <2.0 l	1,827.86	459.86	171.35	1,447.99
		Diesel >2.0 l	98.26	17.28	9.14	124.64
		LPG	0.22	0.15	0.22	0.63
		2 Stroke	4.19	1.39	0.56	7.14
		Hybrid Gasoline <1.6 l	0.00	0.00	0.00	0.00
		Hybrid Gasoline 1.6 - 2.0 l	0.00	0.00	0.00	0.00
		Hybrid Gasoline >2.0 l	0.00	0.00	0.00	0.00
		Light Duty Vehicles	5,196.14	2,918.87	1,832.12	13,886.93
		Gasoline <1.6 l	6,000.05	549.26	112.27	7,561.53
		Diesel <1.6 l	2,258.25	2,869.76	115.85	2,371.19
		Heavy Duty Trucks	1,698.89	2,649.89	1,628.18	6,167.16
		Gasoline >1.6 l	180.54	270.19	91.04	391.87
		Rigid < 12 t	84.67	161.41	42.22	219.41
		Rigid 12 - 12 t	21.15	22.68	9.12	53.15
		Rigid 12 - 14 t	23.95	15.30	16.45	99.68
		Rigid 14 - 24 t	77.97	119.29	84.02	311.28
		Rigid 24 - 26 t	61.78	126.86	108.68	318.49
		Rigid 26 - 28 t	82.88	143.33	104.42	312.81
		Rigid 28 - 32 t	92.18	161.24	116.69	370.41
		Rigid >32 t	129.43	243.61	176.89	549.99
		Articulated 14 - 20 t	74.45	124.16	98.19	286.92
		Articulated 20 - 26 t	81.84	127.11	108.67	317.62
		Articulated 26 - 34 t	218.99	199.14	261.29	619.41
		Articulated 34 - 40 t	147.34	246.96	161.22	575.82
		Articulated 40 - 50 t	161.11	275.52	231.54	638.16
		Articulated 50 - 60 t	191.87	321.10	246.17	769.13
		Buses	1,315.67	883.91	194.88	2,394.41
		Urban Low Floor	0.00	0.00	0.00	0.00
		Urban High Floor Buses	0.00	0.00	0.00	0.00
		Urban Buses Mid < 12 t	0.00	0.00	0.00	0.00
		Urban Buses Standard 12 - 18 t	437.58	224.26	72.68	694.55
		Urban Buses Articulated >18 t	298.79	282.84	41.81	623.44
		Coaches Standard < 18 t	151.04	139.03	52.64	342.62
		Coaches Articulated > 18 t	176.85	162.80	61.25	399.41
		Motorbikes	1,758.45	418.60	0.00	2,167.05
		2 Stroke <150 cc	1,758.45	418.60	0.00	2,167.05
		4 Stroke <150 cc	0.00	0.00	0.00	0.00
		4 Stroke 150 - 250 cc	0.00	0.00	0.00	0.00
		4 Stroke >250 cc	0.00	0.00	0.00	0.00

Select Years:

2004

2005

Select all

Unselect all

Refresh Report

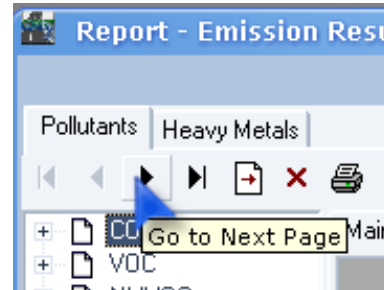
Current Page No: 1 Total Page No: 1+ Zoom Factor: Whole Page

Close

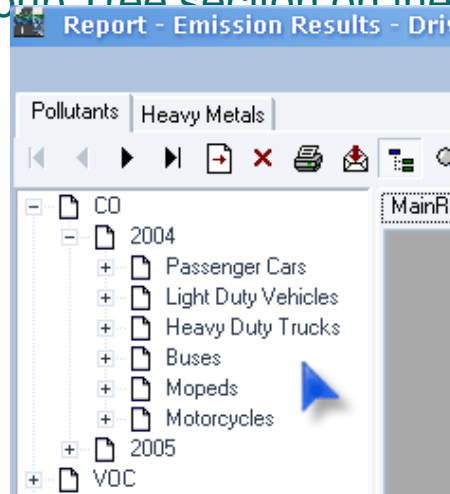


Reports

- The user can navigate through the results, with the arrows on top of the form,



- or directly through the Group Tree section on the left side of the form.



Reports

- One can view the pages of a specific pollutant by double clicking on the shadowed box with the pollutant's name and a new tab will be created

MainReport

20/3/2007
17:18:26

Emission Results - Driving Mode oriented

POLLUTANT	YEAR	SECTOR	URBAN [t]	RURAL [t]	HI
CO	2005		264.558,60	238.077,03	
		Passenger Ca	130.092,41	104.852,61	

MainReport CO

20/3/2007
17:18:26

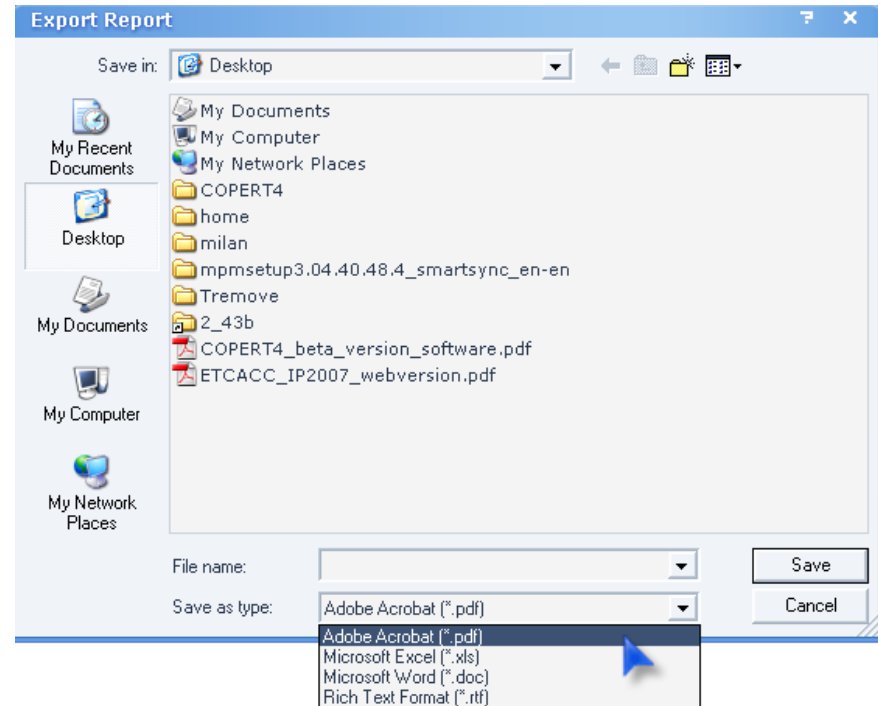
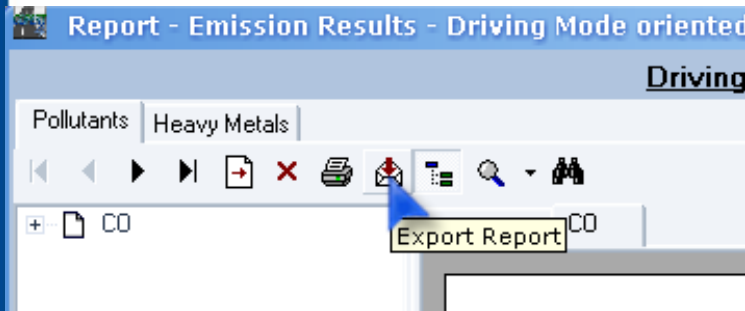
Emission Results - Driving Mode oriented

POLLUTANT	YEAR	SECTOR	URBAN [t]	RURAL [t]	HI
CO	2005		264.558,60	238.077,03	
		Passenger Ca	130.092,41	104.852,61	



Reports

- One can export the pages of the tab (pdf, xls, doc or rtf format) that are viewed by clicking on the "envelope" icon.



If someone wants to view specific years, select the desired years from the list-box on the right of the form and press 'Refresh Report'.



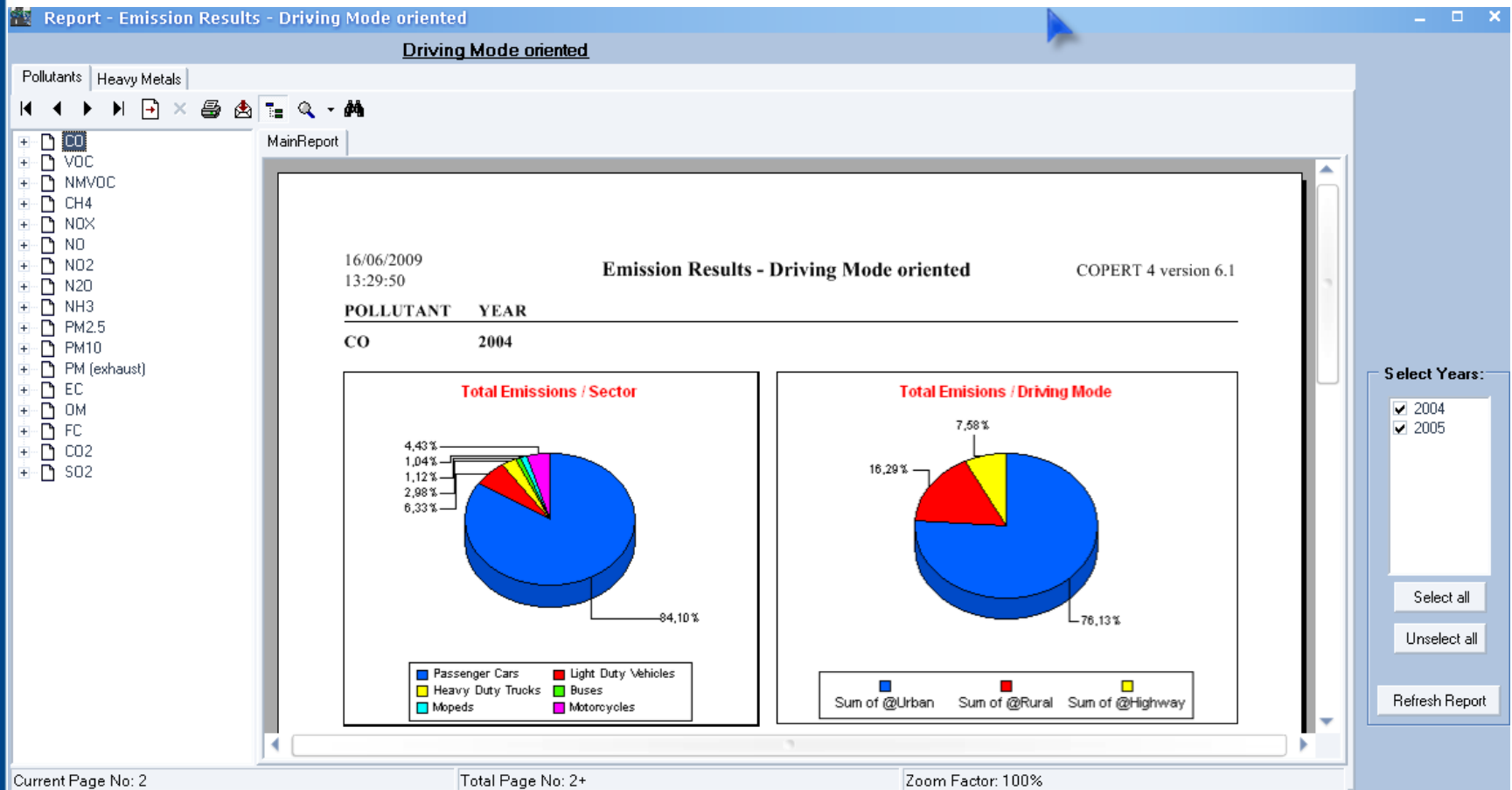
Reports – Important Note

- If you have a problem with the export process to Excel file format:
 - go to <http://www.emisia.com/copert/Download.html>
- Download the software patch and save the “patch.zip” file on disk
- Extract .zip file
- Close COPERT 4 application
- Double-click the “.exe” file
- Just follow the setup wizard and press “Finish” when the installation is completed



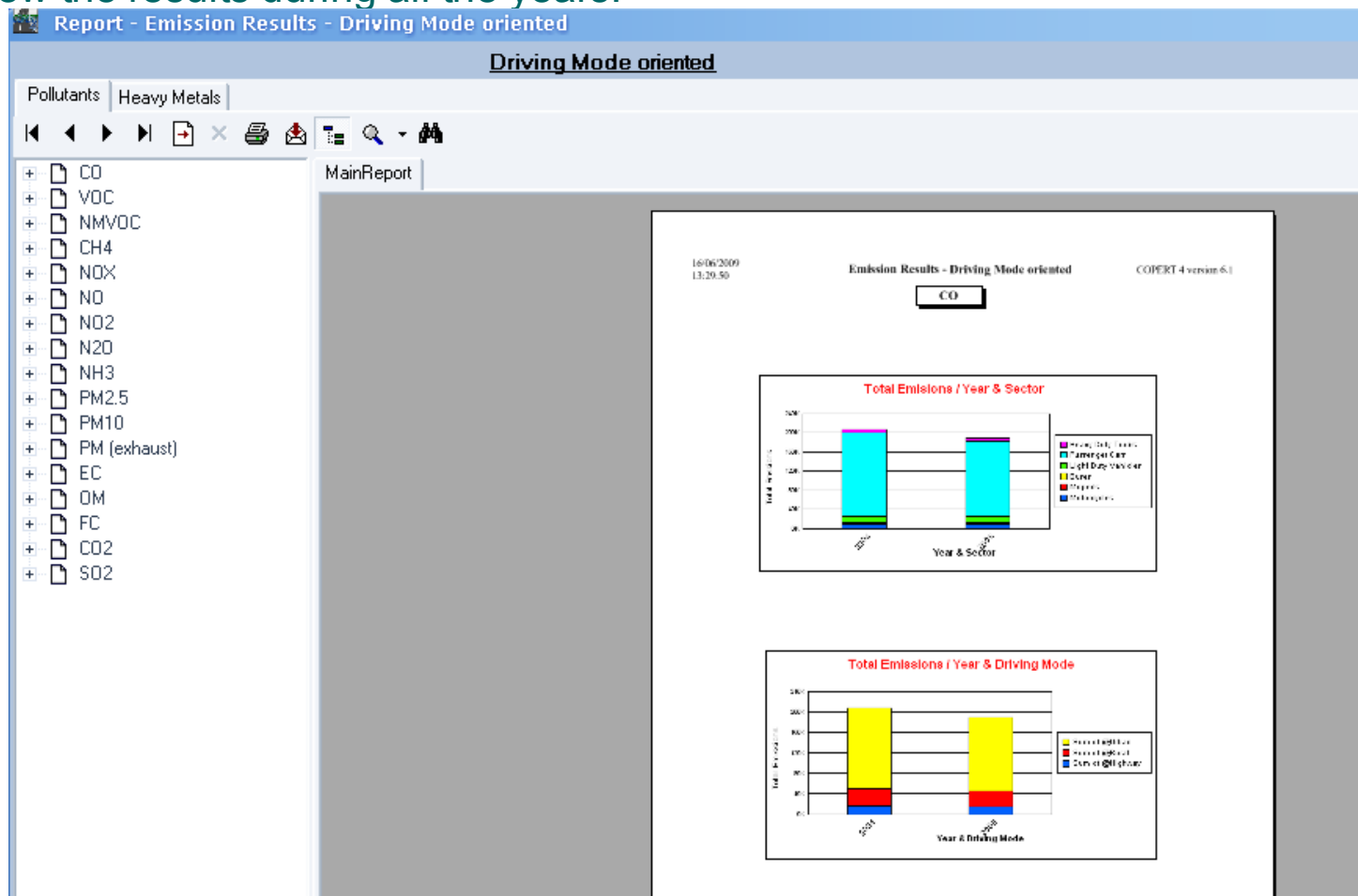
Reports

- After each year two pie-charts follow, concerning the year's results.



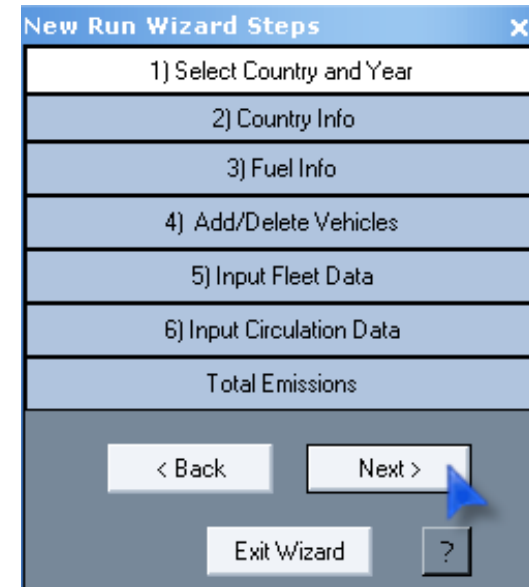
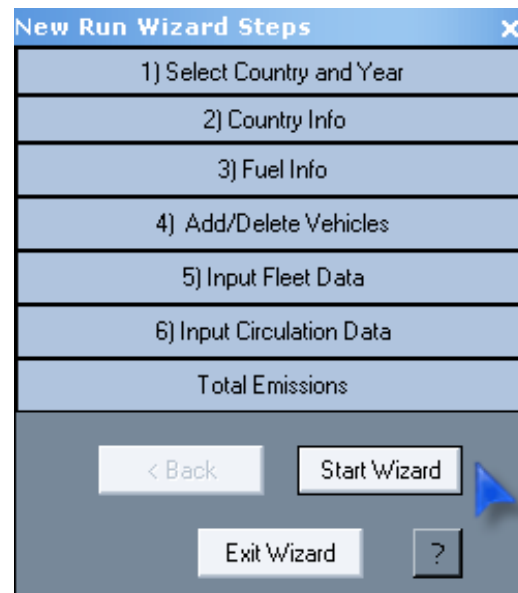
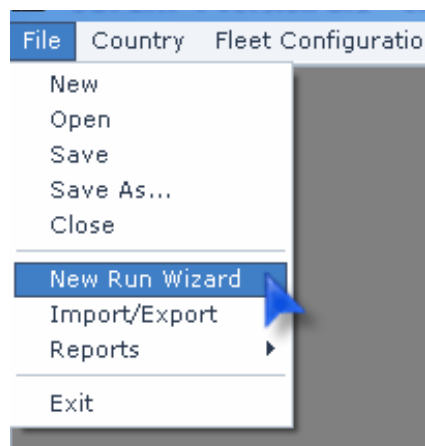
Reports

- After all the years for each pollutant, there are two bar-charts where the user can view the results during all the years.



New Run Wizard

- After creating or opening a file, one can use a wizard, which performs the basic steps in order to calculate a complete run.



- Just press 'Start Wizard' and follow the instructions.



Questions ?

