

Hands-on training:

Preparation for the training...

WGIA10 11 July, 2012

Ιρςς

Kiyoto Tanabe Technical Support Unit, IPCC TFI

INTERGOVERNMENTAL PANEL ON Climate change



Let's get started. – Define ID&PW



IPCC 2006						
Welcome to 2006 IPCC Software for National Greenhouse Gas Inventories						
The application is being run for the first time. It is necessary to define superuser. Superuser has full control over database and application and is responsible for defining and managing additional users working with this instance of application.						
Please, supply super	user login name and passwo	ord in the textboxes				
Login						
Password						
Confirm Password						
Password hint						
ОК		Cancel				

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

Do not forget your login name & password!!!incr



Select Region & Country

Choose Country/Territory					
Choose Country/Territory					
Region Country/Territory	✓				

Select your region & country from the dropdown list.





Determine Initial Inventory Year

New inventory					
Create	new Inventory Yea	ır-			
New Inventory Year Create empty inventory Copy data from inventor Create	1990 ✓ 1990 ▲ 1991 ▲ 1992 ■ 1993 ■ 1994 ■ 1995 ■ 1996 ✓ 1997 ✓	Cancel			

Determine the year for which you are going to produce your national GHG inventory.

✓ In this training, we will produce inventories for 1995-2010.
 Therefore, let's start with the year 1995.

INTERGOVERNMENTAL PANEL ON Climate change

The years 1996-2010 can be created later.



Adjust Configuration As You Like

🕲 2006 IPCC Software for National Greenhouse Gas Inventories - k_tanabe - [Worksheets]									
	Application Database	Inventory <u>Y</u> ea	r <u>W</u> orksheets	<u>R</u> eports	<u>T</u> ools	Export/Import	Ad <u>m</u> inistrate	<u>W</u> indow	<u>H</u> elp
IPC	<u>P</u> references	🗢 📮 Emissions from Refrigeration and Air Conditioning							
(Language 🕨	tationa 🔼 - Worksheet							
2.F.2	<u>E</u> xit	ning	Sector: Industrial Processes and Product Use Category: Refrigeration and Air Conditioning						
2.F.2	<u>-</u> ~~~		Category:	Refrigeratio	on and Ai	r Conditioning			

You can adjust configuration as you like using the menu "Application" – "Preferences", e.g.:

- ✓ Appearance of windows
- ✓ Database management
- Default number of decimal places in worksheets and reporting tables

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

Inventory years (from what year to what year)



Determine Inventory Years

Application preferences	<
Application preferences	
General Database Worksheets Reports Inventory Year Grid	
Start inventory year 1995 😂	
End inventory year 2010 📚	
Base year for assessment of uncertainty in trend 1995 🤤	

> Determine:

- ✓ Start inventory year: Let's set it to be **1995** for this training.
- End inventory year: Let's set it to be 2010 for this training.
- ✓ Base year for assessment of uncertainty trend
 - This is used for uncertainty analysis and key category analysis.
 - This information is not used for this training, but let's set it to be 1995.



OK Cancel Apply DCC

Determine CO₂-eq conversion factors

🕲 2006 IPCC Software for National Greenhouse Gas Inventories - k_tanabe - [Worksheets]						
🖳 <u>A</u> pplication <u>D</u> atabase Inventory <u>Y</u>	ear <u>W</u> orksheets	<u>R</u> eports <u>T</u> ools	Export/Import	Ad <u>m</u> inistrate	<u>W</u> indow <u>H</u> elp	
IPCC 2006 Categories 🚽 👎	Emissions from F	Refrigeration and Air	^r Conditioning	<u>U</u> sers		
2.F.1.a - Refrigeration and Stationa 🔥	-Worksheet			<u>C</u> ountry	/Territory	
	Sector:	 Industrial Processe Befrigeration and A 	is and Product Use bir Conditioning	CO2 <u>E</u> q	uivalents	
2.F.3 - Fire Protection	Subcategory:	2.F.1.a - Refrigerat	ion and Stationary A	<u>D</u> elete	nventory	
2.F.4 - Aerosols	Sheet:	CHF3 Emissions		AFOLU		• I
2.F.5 - Solvents 2.F.6 - Other Applications (please spec	Gas HFC-23	(CHF Intro Year	IA Growth	<u>G</u> uidelir	es Information Texts	EF
- Other Product Manufacture and Use	А	в	C D	E	F	G

You can select, or even newly define, the CO₂ equivalent conversion factors using "Administrate" – "CO2 Equivalents" menu.

 According to the current NAI-NC Guidelines (Dec17/CP.8), "20. Non-Annex I Parties wishing to report on aggregated GHG emissions and removals expressed in CO2 equivalents should use the global warming potentials (GWP) provided by the IPCC in its Second Assessment Report ("1995 IPCC GWP Values") based on the effects of GHGs over a 100-year time horizon."

Determine CO₂-eq conversion factors

CO2 Equivalents					
CO2 Equivalents					
Туре — — С	SAR GWPs (100 year time horizon) SAR GWPs (100 year time horizon) TAR GWPs (100 year time horizon) TAR GWPs (100 year time horizon) Gas Group Gas Group	<u>Add type</u> Delete type			
	Gas CARBON DIOXIDE (CO2) METHANE (CH4) NITROUS OXIDE (N2O)	CO2 Equivalent			
Gas Group					
	Gas	CO2 Equivalent			
	HFC-23 (CHF3) HFC-32 (CH2F2)	650			
	HFC-41 (CH3F) HFC-43-10mee (CF3CHFCHFCF2CF3)	150			
	HFC-125 (CHF2CF3) HFC-134 (CHF2CHF2)	2800 1000 💌			
		<u>о</u> к			

Let's select "SAR GWPs (100 year time horizon)" for this training.



Now we are ready to start the training. Let's get started!



