



GLOBAL SUPPORT
PROGRAMME

Essentials of 2006 IPCC GHG Inventory Software for AFOLU

9th Workshop of the Anglophone African Regional Group

2,4 February 2021

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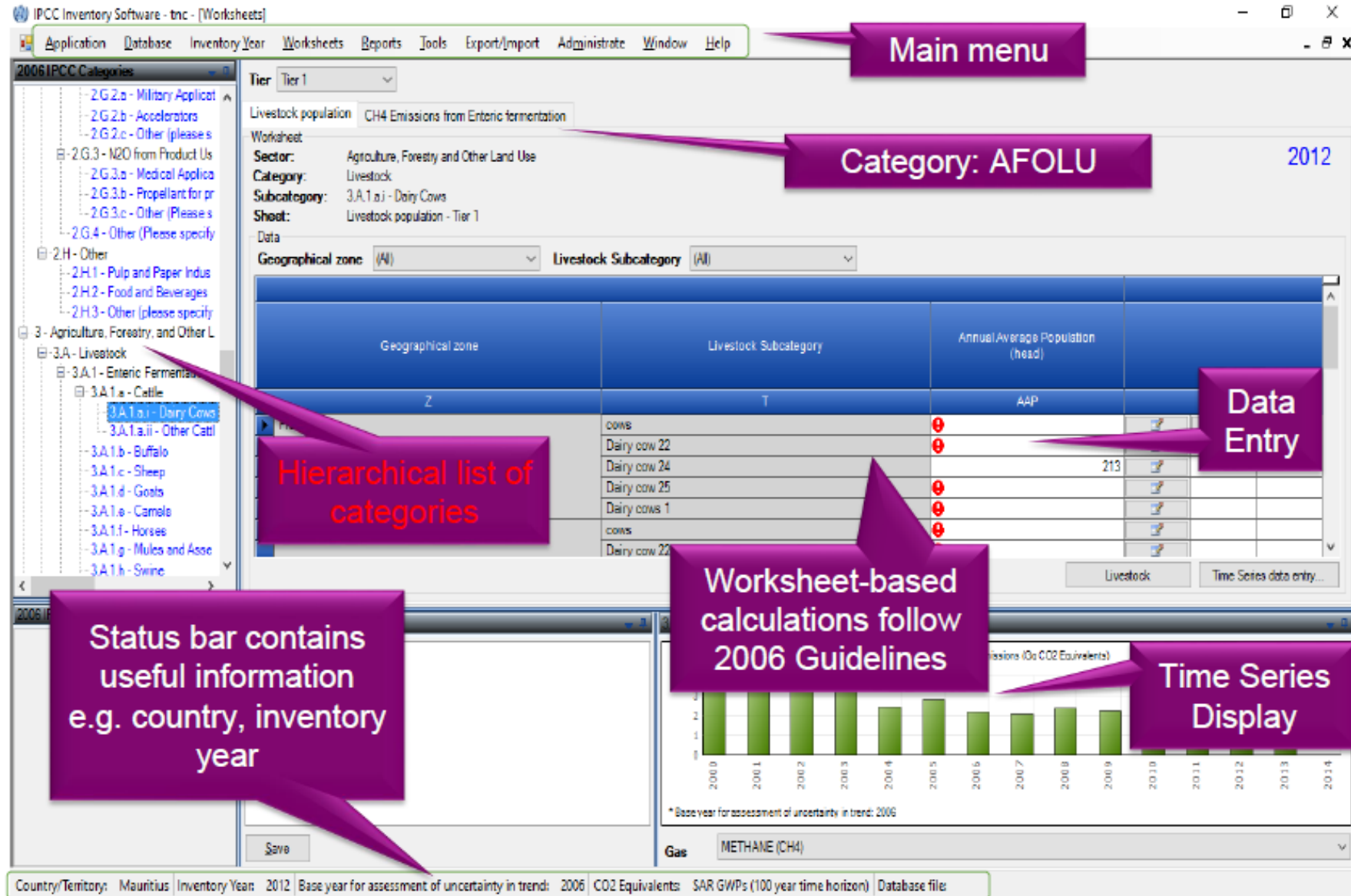
Key attributes of the 2006 IPCC Software

- It is a tool for preparing a national GHG inventory using 2006 IPCC Guidelines for National Greenhouse Gas Inventories, including AFOLU sectors
- Allows multiple users within the AFOLU sector and the whole inventory
- It can be used as an archiving tool and to produce summary reports and trends
- The latest officially published version is available from:
<http://www.ipcc-nggip.iges.or.jp/software/index.html>

- 3 - Agriculture, Forestry, and Other Land Use
 - 3.A - Livestock
 - 3.A.1 - Enteric Fermentation
 - 3.A.2 - Manure Management
 - 3.B - Land
 - 3.B.1 - Forest land
 - 3.B.2 - Cropland
 - 3.B.3 - Grassland
 - 3.B.4 - Wetlands
 - 3.B.5 - Settlements
 - 3.B.6 - Other Land
 - 3.C - Aggregate sources and non-CO2 emissions sources on land
 - 3.C.1 - Emissions from biomass burning
 - 3.C.1.a - Biomass burning in forest lands
 - 3.C.1.b - Biomass burning in croplands
 - 3.C.1.c - Biomass burning in grasslands
 - 3.C.1.d - Biomass burning in all other land
 - 3.C.2 - Liming
 - 3.C.3 - Urea application
 - 3.C.4 - Direct N2O Emissions from managed soils
 - 3.C.5 - Indirect N2O Emissions from managed soils
 - 3.C.6 - Indirect N2O Emissions from manure management
 - 3.C.7 - Rice cultivation
 - 3.C.8 - Other (please specify)
 - 3.D - Other
 - 3.D.1 - Harvested Wood Products
 - 3.D.2 - Other (please specify)

AFOLU CATEGORY/SECTOR

- The AFOLU sector comprises
- Several sub-categories/sectors
- By clicking on the sector/subsector the corresponding worksheet for data entries shows up



Main menu

Category: AFOLU

2012

Hierarchical list of categories

Data Entry

Worksheet-based calculations follow 2006 Guidelines

Time Series Display

Status bar contains useful information e.g. country, inventory year

Geographical zone	Livestock Subcategory	Annual Average Population (head)
Z	T	AAP
	cows	
	Dairy cow 22	
	Dairy cow 24	213
	Dairy cow 25	
	Dairy cows 1	
	cows	
	Dairy cow 22	

Country/Territory: Mauritius | Inventory Year: 2012 | Base year for assessment of uncertainty in trend: 2006 | CO2 Equivalents: SAR GWPs (100 year time horizon) | Database files

AFOLU sector data entry – activity data (AD)



- Data entry in the Worksheet menu -
 - Activity data for Livestock

- ▶ Data for Livestock by category can be detailed:
 - ▶ E.g. population by climate type, manure management system, etc.
- ▶ Can also be exported to Excel or imported from it

The screenshot shows the IPCC Inventory Software interface. On the left, a tree view under '2006 IPCC Categories' shows '3 - Agriculture, Forestry, and Other Land Use' expanded to '3.A - Livestock', with '3.A.1.a - Cattle' selected. A red box highlights this selection with the text 'Select category'. The main window displays a table for 'Livestock Subcategory (All)'. A green cloud highlights the 'Tier' dropdown menu with the text 'Information about the category and Tier level selection'. A red dashed box highlights the 'Enter activity data here' area with the text 'Enter activity data here'. The table shows data for 'Flasq' and 'Mauritius (arg)' with columns for 'Geographical zone', 'Livestock Subcategory', and 'Annual Average Population (head)'. A chart at the bottom shows 'NETHANE (CH4) Emissions (Gg CO2 Equivalent)' from 2005 to 2014.

Thank You!

Website

www.un-gsp.org