Software for the 2006 IPCC Guidelines

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Agenda

1. Background and Overview
2. Demonstration
3. Q&A
Background

- The mandate of the National Greenhouse Gas Inventory Programme (NGGIP) includes:
  "to develop and refine an internationally-agreed methodology and software for the calculation and reporting of national GHG emissions and removals"

- Software for the 1996 Guidelines was developed
  - The maintenance of this software has been taken over by the UNFCCC Secretariat

- Following completion of 2006 Guidelines we are developing similar companion software
• The objectives of the software are to:
  
  – facilitate preparation of national GHG inventories according to 2006 Guidelines either for complete inventories or for separate categories or groups of categories.
  
  – assist in training and inventory review
  
  – harmonise reporting of greenhouse gas inventories
  
  – archive data and complete inventories (which may consist of estimates for a number of years).
Users of software

• The primary target groups of users are:
  – Inventory compilers in all Parties to the UNFCCC with limited resources without their own inventory systems and who wish to apply default methods,
  – Trainers and trainees on national GHG inventory compilation,

• In addition, a range of other potential users has been identified
  – Reviewers of national inventories
  – Academics/Researchers
  – UNFCCC Secretariat
  – Project developers
Features

- Standalone software does not require any additional software
- Covers all inventory categories but can also be used for specific sectors
- Allows different parts of the inventory to be developed simultaneously
- Allows multiple users
- Looks like worksheets in printed version for ease of use as it implements Tier 1 approaches
- Provides default data but gives users the flexibility to use their own information
- Provides useful functions including Key Category analysis, Uncertainty analysis, import/export reports etc.
Future

- New version is now available on TFI website at http://www.ipcc-nggip.iges.or.jp/support/support.html. We welcome your comments!
- Expert meeting on Software, August 2011, Japan
  - to introduce the new software and run training session
- Expert meeting on Software, December 2011, Brazil
  - to consider documentation required, further improvements and comments on the first officially released software
- We aim to release the first version of the software before the end of 2011
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