IPCC Software for the 2006 IPCC Guidelines: Future Developments

Baasansuren Jamsranjav, TFI TSU

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ipcc

INTERGOVERNMENTAL PANEL ON climate change

WMO   UNEP

Software development to date

- Kick-off Phase I (Oct 2007)
    - Demo version for Energy Sector only
- Phase II starts following approval of Phase I (July 2009) and aims to produce a complete version of the software
    - All sectors
    - Key Category Analysis (Approach 1) and Uncertainty Analysis
    - Export and import functions

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Future plans

- Expert Meeting in Brazil , Dec 2011
    - Review latest version of software
    - Prioritise future developments of the software
- First release of complete version of software, early 2012
- Future software development "Phase III"
    - Software maintenance and bug fixing
    - Implementation of remaining tasks
        - Complete input of default EFs and uncertainty ranges
    - Any additional developments

Potential developments

- Key Category Analysis (Approach 2)
- QA/QC functions, e.g.:
  - Check similar values used in different sectors e.g. amount of waste used as fuel (Energy & Waste sectors)
  - Provide warnings on possible double counting and other important QA/QC information in IPCC Guidelines Window
- Translation into other UN languages
  - Software supports languages already
- Consider if some data entry sheets can be simplified (e.g. soils, livestock and land areas)

Thank you