

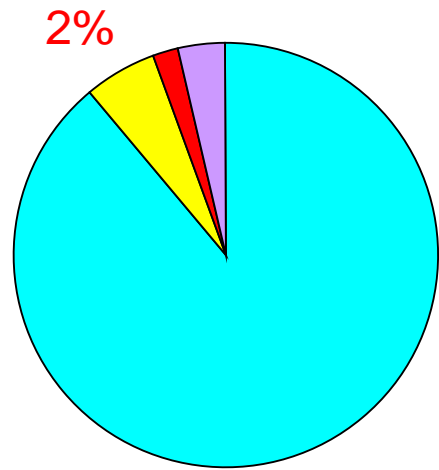
Working Group III: Agriculture

Group Member:

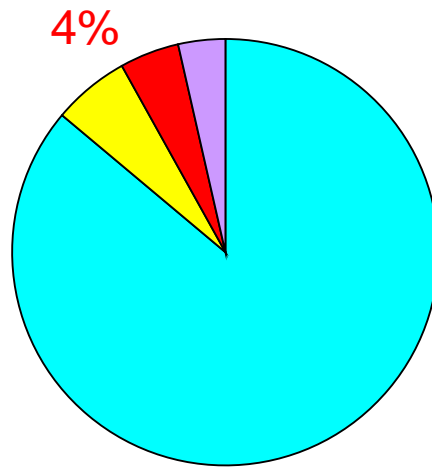
1. Tomoyuki AIZAWA (UNFCCC)
2. Hiroko AKIYAMA (NIAES, Japan)
3. Leandro BUENDIA (SEA Project)
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5. Osamu ENISHI (NILGS, Japan)
6. Shuhaimen ISMAIL (Malaysia)
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9. Quang NGUYEN CHI (Vietnam)
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13. Kazuyuki YAGI (NIAES, Japan)



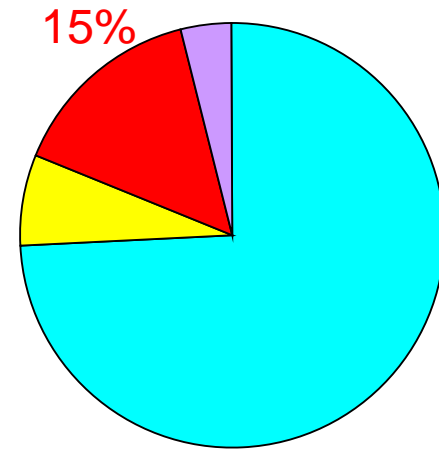
GHG Inventories in Selected Asian Countries



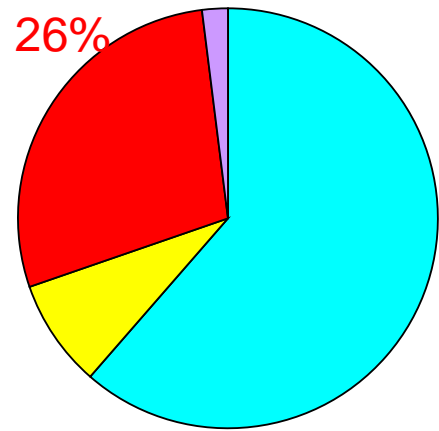
Japan (2004)
1,355 MtCO₂



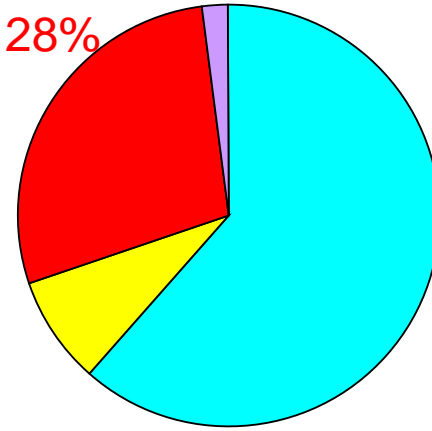
Korea (1990)
289 MtCO₂



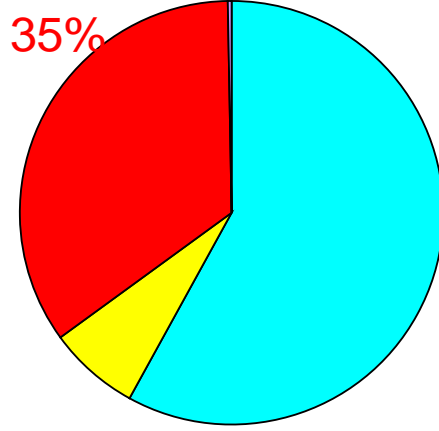
China (1994)
4,058 MtCO₂



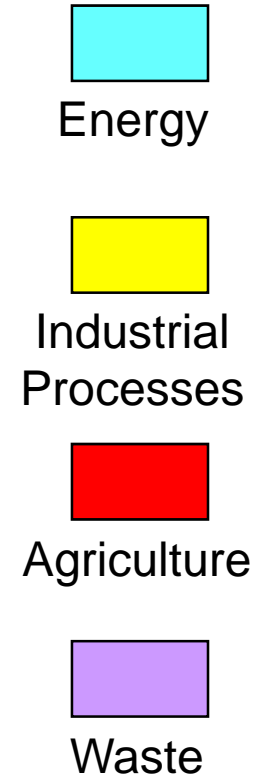
Indonesia (1994)
323 MtCO₂



India (1994)
1,214 MtCO₂



Thailand (1994)
224 MtCO₂

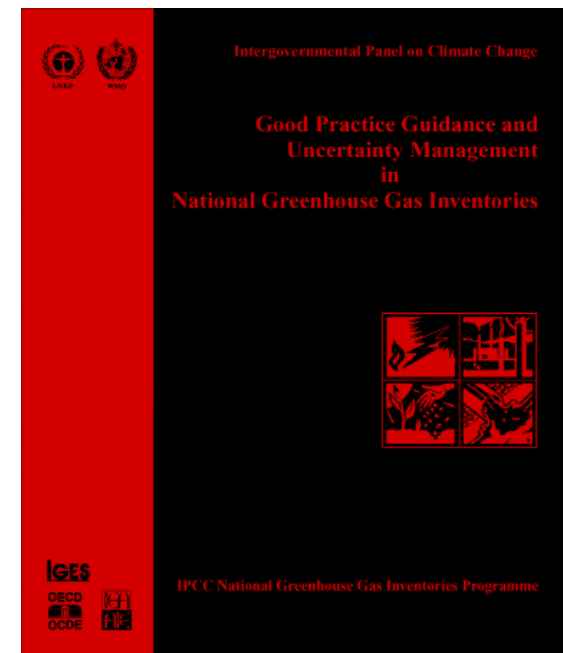


Data source:
a UNFCCC Report

GPG2000

Chapter 4: AGRICULTURE

1. CH₄ from domestic animals
2. CH₄ from manure management
3. N₂O from manure management
4. CH₄ & N₂O from savanna burning
5. CH₄ & N₂O from ag. residue burning
6. DIRECT N₂O from ag. Soils
7. INDIRECT N₂O from N in ag.
8. CH₄ from rice production



Working Group III: Presentation

1. GHG Measurement from ruminants & Manure Managements (Enishi – Japan)
2. Methane emission from flooded rice and Nitrous Oxide emission from Agricultural soils (Akiyama – Japan)
3. Agriculture Inventory in Malaysia (Ismail – Malaysia)
4. Thailand GHG inventory in agriculture sector (Amnat Chidthaisong – Thailand)
5. GHG Inventory in agriculture (Nguyen Thi Van Anh-Vietnam)
6. SEA Project (Buendia – SEA Project)
7. Soil Carbon in arable land (Ohkura – Japan)

WGIA6 Group 3: Agriculture

- Issues identified and possible solution

- Reliable data

Methods to improve EF & AD

- Literature search
 - Field experiments : It is advisable for each country to have their own study for EF and AD as the data is vary and location specific
 - IPCC default values with local modification if necessary

WGIA6 Group 3: Agriculture

- Issues identified and possible solution

- Reliable data

Importance of collaboration

- The study for EF and AD in a country could be extended and collaborated with other countries in Asia
 - Compilation of methodology and data from participating country in relation to GHG inventory
 - Intra-national collaboration (researchers & compilers)
 - International collaboration and information exchanges (larger projects involving many countries – e.g. EF database and SEA Project) and Japan been suggested as a coordinator for the above project.

WGIA6 Group 3: Agriculture

- Recommendation on activities to be carried out within the WGIA frameworks
 - What to be done by WGIA7
 - Country presentation on specific EF developments
 - Exchange and review of Ag inventory information of each country by all the WGIA participants
 - What to be done in the long term
 - To include soil C inventory as a category for discussion
 - All works done related to GHG should consider sustainable agriculture production
 - Enhanced international collaboration