



Indonesia's plan of GHG inventories development

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Outline

- ◆ Experience from the FNC
- ◆ Latest and relevant studies
- ◆ SNC (Proposal)



First National Communication (FNC)

- ◆ Estimates of GHG emissions and removals from all sectors from 1990-1994
- ◆ Methodology : Revised 1996 IPCC;
- ◆ Gases covered: **CO₂**, **CH₄**, **N₂O**, CO, NO_x, CF₄, C₂F₆.
- ◆ Projection of emissions up to 2025 :
 - three sectors (energy, forestry and agriculture)
 - CO₂, CH₄, N₂O
 - key category analysis were not performed
- ◆ Uncertainty : considerably high for all sectors, particularly forestry sector.
- ◆ Involvement of sectors in the development of GHG inventories for the INC was also very limited.

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Latest and Relevant Studies

- ◆ **Sectors: Agriculture and Forestry**
 - Boer *et al.*, 2001, Suryahadi *et al.*, 2001; Setyanto *et al.*, 2001; MoE, 2001; Hendri *et al.*, 2001; Palm *et al.*, 1999; Murdiyarso and Rosalina, 2000, Susandi, 2004
 - Important results: developed a number of local emission factors particularly on mean annual biomass increment, above and below ground biomass for a number of sites, and methane emission factors for rice paddy and livestock.
- ◆ **Sector: Energy industry and waste sector**
 - the improvement were very lacking.

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Second National Communication: Proposal

Status:

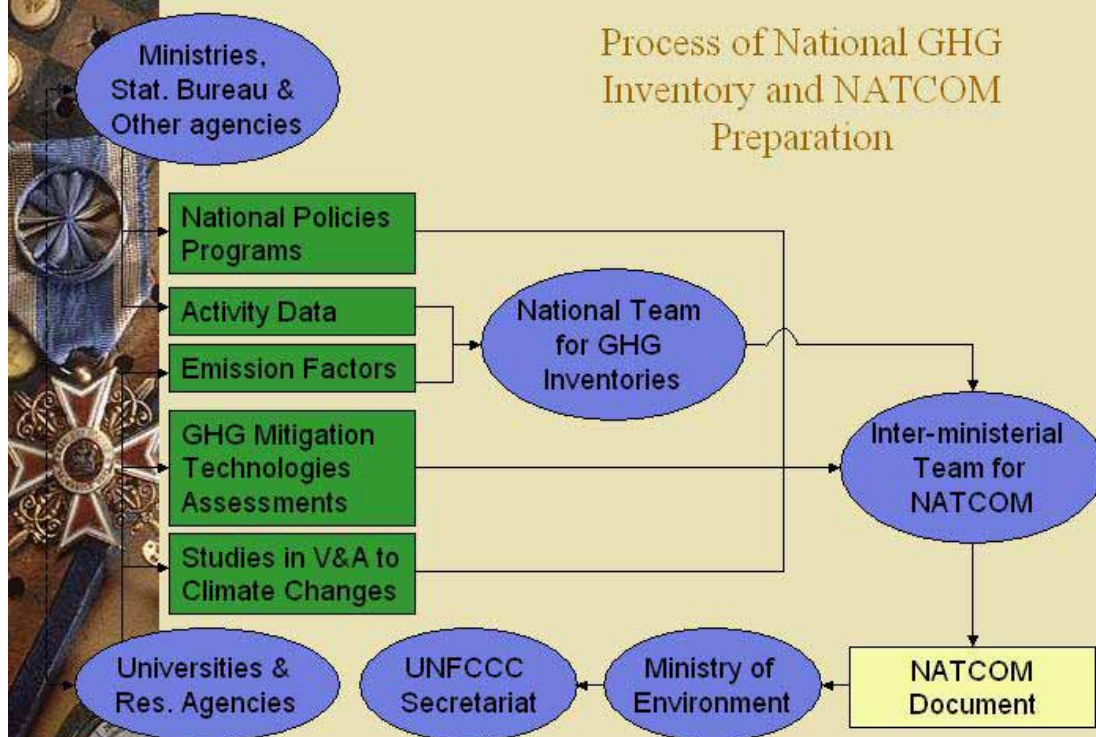
- ◆ Expectedly started 2006 (Stocktaking Exercise: Final stage)

Proposal of improvement:

- ◆ The reporting period will be extended up to 2002
- ◆ improvement of emission estimates from forestry sector (As contribution of forestry sector to the total emissions was significant)
- ◆ Encouragement of relevant/ responsible sectors to be actively involve in development of the inventory

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Process of National GHG Inventory and NATCOM Preparation



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