

# MRV Country Presentation PARAGUAY

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*The United Nations Collaborative Programme  
on Reducing Emissions from Deforestation  
and Forest Degradation in Developing Countries*

**UN REDD Programme**



MRV meeting with UN REDD Countries – Rome, September 10 to 11<sup>th</sup> 2009

# Country information

- Country area: 406.752 Km<sup>2</sup>
  - Forest area: 19.011.243 Ha.
- Data sources:
- vegetation maps, (2002, 1:1.750.000)
  - remote sensing survey
- Classification of forest vegetation: FRA 2005

# NFIs and national assessment/monitoring programmes

- . Paraguay don`t have a NFI
- . When applying for a permit for a forest management plan and/or land use plan, it is required forest inventories (for commercial extraction), mapping and remote sensing imagery analysis with high resolution data, to quantify the remaining forest and the amount to be deforested with a permit. This information is only for individual owners and properties
- . The monitoring system related to monitoring of forests is the control field

# Forest carbon estimates

| <b>EMISIONS (Gg)</b> | <b>CO2</b>  | <b>CO</b>  | <b>NOX</b> | <b>CH4</b> | <b>N2O</b> |
|----------------------|-------------|------------|------------|------------|------------|
| 1990 LULUCF          | 3530.4<br>5 | 1094.<br>1 | 31.04      | 125        | 0.85       |
| 1994 LULUCF          | 17812.<br>3 | 640.4      | 6899       | 73.19      | 235        |

Table 2. GHG Emissions corresponding to LULUCF sector. (Paraguay, NAC - 2000)[www.pncc.gov.py](http://www.pncc.gov.py) .

# Conclusion

The main actions are:

- . The reference emission levels will be established in NJP UN-REDD
- . The deforestation is to be estimated through GIS-NFIS
- . The carbon estimate will be established in the NFI and NJP UN-REDD document