National Forest Inventory - Guatemala
Guatemala

108, 889 Km²
16.86 million people
23 languages

Three types of forests
- Broadleaved (30.6%)
- Coniferous (3.6%)
- Mixed forests (2.9%)

Diversity of climates (14 Holdridge life zones)

Low lands and High mountains

Economy based on agriculture

High remittances from Emigration and Immigration

23 different languages

Megadiverse country
History about National Forest Inventories in Guatemala

- **1970**
  - Forest Inventory Petén
  - FAO/Development Fund of Petén

- **1990**
  - Forest Inventory Petén
  - National Planning Authority

- **2002-2003**
  - First NFI 2002-2003
  - FAO/INAB

- **2009-2010**
  - Forest Inventory Cedro, Caoba y Rosul (CITES)
  - CONAP

- **2015**
  - Initiative second cycle NFI

- **2021-2022**
  - Methodology developed
  - 32% sampling units done
Importance of NFI information

- Improvement of forest management policies
- Support forest investment decisions
- Complement to mapping processes
- Source of research
- Status and trends of forest resources
- Forest resources monitoring

NFI Information
Use of NFI information in Guatemala

- Prioritization of areas for forest incentives
- Development of National and Institutional strategies
- National Accounting –GDP
- Forest resources diagnostics/research
- Source of data for the National Forest Reference Level (NFRL/FRL)
Progress of the NFI 2021 - 2022

Actions taken

• Capacity building phase for technical staff was concluded to implement the second NFI
  ✓ 12 events
  ✓ 130 technicians trained

• Preparation and configuration of the digital collection system

• Field manual and field forms completed

• Information dissemination: Construction of the data repository of the first and second NFI

• Field data collection phase (establishment of sampling units) ➔ under development
  ✓ 32% sampling units
Institutionalization challenges

NFI 2002-2003

- Institutionalization of information management
- Planning, Evaluation and Monitoring Direction
- Requested data analysis
- Dissemination of NFI documentation
- High workload of regional offices
- Funding for subsequent NFI

NFI 2021 - 2022

- Institutionalization of the NFI process
- Forest Management Direction
- NFI activities within the operational planning of the institute
- Interinstitutional steering committee (INAB y CONAP).
- Direct Government funding
- Alliances with other stakeholders
Thank you very much!

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