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# Lessons Learned on Avoided Deforestation

Contribution by the  
German Society for  
Technical Cooperation

UNFCCC Workshop on reducing emissions  
from deforestation in developing countries

Cairns, March 2007



**gtz**

# Different levels of RED(D)

- Project-based
- Program-based
- Regional, supra-national cooperation



# Noel Kempff Climate Action Project

- Protects 0.64 Mha since 1997
- Deforestation & degradation reduced
  - Stopping legal logging by indemnifying concession holders
  - Increasing protected area, job creation in SFM
  - Reducing slash-and-burn agriculture



# Noel Kempff Climate Action Project



- Protects 0.64 Mha since 1997
- Deforestation & degradation reduced
- Methodologies certified along CDM criteria
- Deforestation baseline modeled with GEOMOD, spatial explicit dynamic model, based on variables for drivers,
- Degradation baseline: econometric model
- 1 million tons CO<sub>2</sub>e verified
- 49% of verified offsets assigned to the Bolivian Gov't
- Cost 1.87 USD per ton, financed by AEP, BP of America, Pacific Corp, and TNC.

# PP-G7

- Implemented by Brazil & 7 donor countries
  - Diversity of programs directed to RED, eg.
  - Indigenous Lands Project (PPTAL)
  - Natural Resource Policy Project (NRPP)
- Cost: from 1995 until present 428 million USD
  - German contribution 360 million USD
- Demarcated 45.4 million ha
  - Identified 9.5 million ha of Indigenous Reserves
- Env. licensing, monitoring & enforcement
  - Costs: 2 million USD / year, < 0.20 USD / t CO<sub>2</sub>

# ARPA

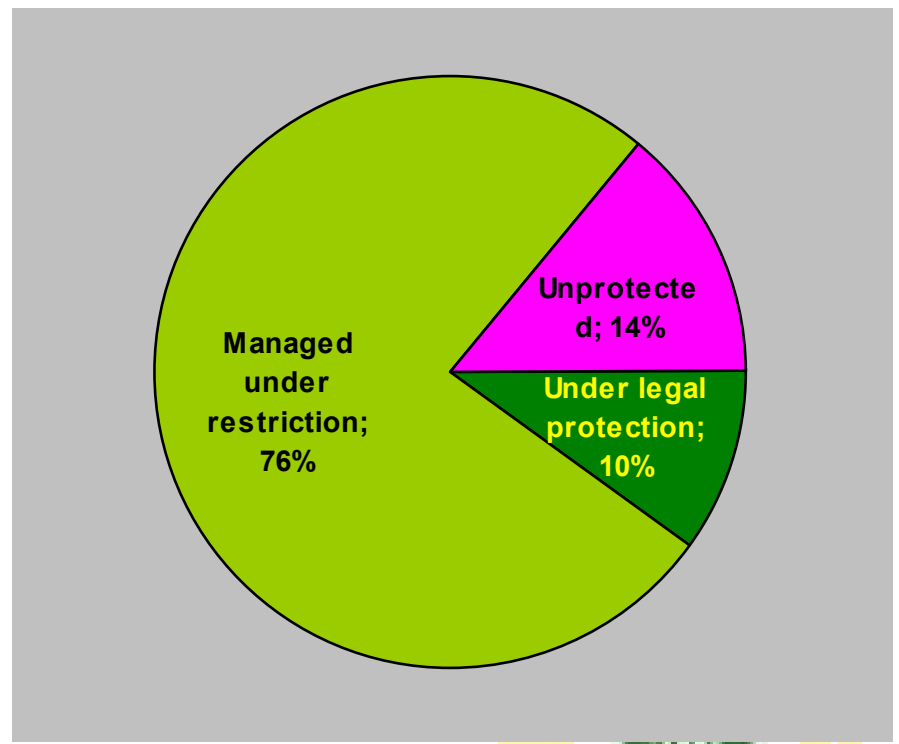


- Amazonian Protected Areas Program
- Trust fund, 82 Mio. US\$ committed, started in 2000, managed by FUNBIO / AIG Private Bank
- Coordinated by the Min. of Env.
- Further partners: Gov'ts of 9 Fed. States, WB/GEF, KfW and WWF
- Additional contributions by enterprises
- Technical assistance by GTZ
- Program objective until 2012: 50 million ha of CUs, i.e. 10% of the Legal Amazon
- Program objective until end of 2007: 18 million ha of new CUs (already accomplished) and 7 million ha consolidated

**Regional**

# Forest Commission of Central Africa

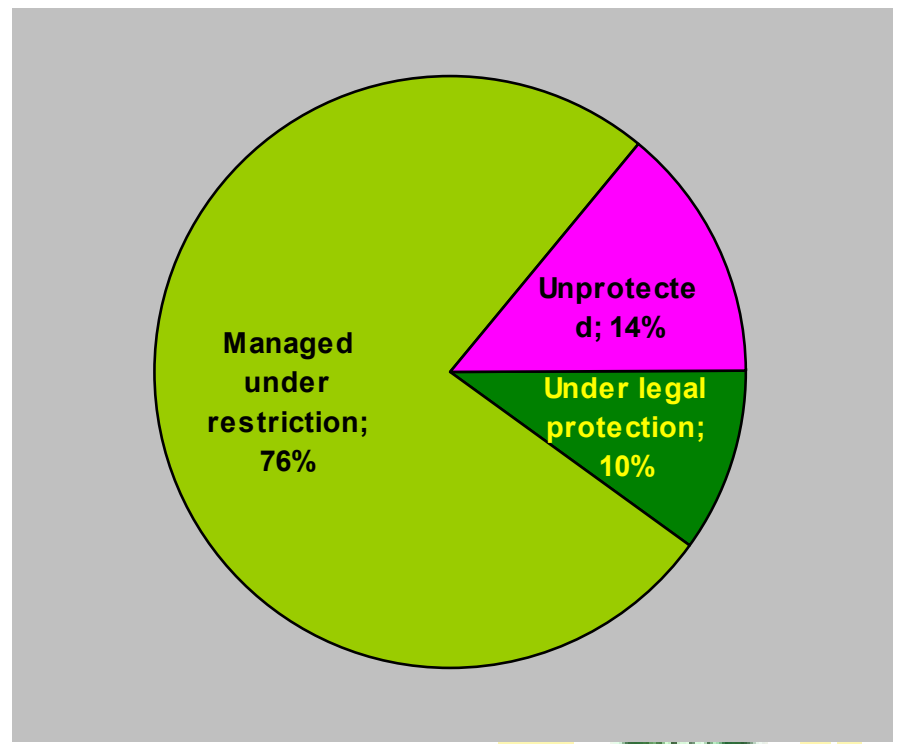
- COMIFAC (Commission des Forêts de l'Afrique Central)
- Forests in state property



Regional

# Forest Commission of Central Africa

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Regional

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- 10 countries
- Deforestation low (0.19% p.a.), but expected to increase
- Weak governance
- Uncertain database

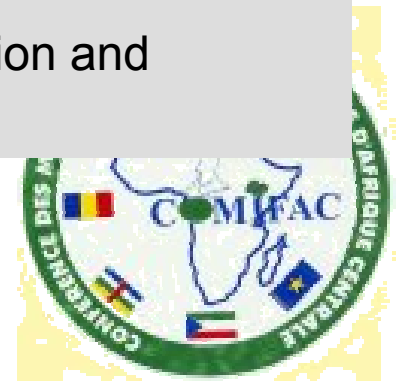
1. Burundi
2. Cameroon
3. Congo Brazzaville
4. DR Congo
5. Central African Republic
6. Gabon
7. Equatorial Guinea
8. Ruanda
9. Sao Tomé et Principe
10. Chad




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- Lines of action:

1. Harmonization of forest and fiscal policies
2. Resource inventory
3. Ecosystem management and reforestation
4. Biodiversity conservation
5. Valorization of forest resources
6. Employment alternatives and poverty reduction
7. Capacity building
8. Research and development
9. Development of financing mechanisms
10. Regional cooperation and partnerships





# Three RED(D) approaches

- **Noel Kempff** is 1<sup>st</sup> generation REDD
  - Project based
  - Baseline
  - Leakage control
- **PP-G7 and ARPA** is national P&M, inter-related, but yet experimental
  - No reference level determined, no C quantification
  - Deforestation drivers subsist, mostly due to policies outside the LU sector
- **COMIFAC** may become 3<sup>rd</sup> generation REDD
  - Pilot case Cameroon in preparation
  - No international leakage
  - Common responsibilities
  - Regionally integrated P&M



# Lessons learned

- ✓ Effectiveness of different approaches cannot be evaluated yet, may be synergetic
- ✓ RED(D) only effective, if complemented by policies on different governance levels
- ✓ **Capacity building is crucial** for success
- ✓ For higher aggregation levels, a **politically negotiated cap** becomes increasingly important, and concerns like activity leakage can be neglected
- ✓ Compensation payments only for Noel Kempff
- ✓ Scaling up requires sustainable funding

**Thank you for  
your attention**

Please send your comments to  
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