(Appendix 5.7.3)

FAO - Finnish program & support in the Asia countries

Mr. Mikko Leppanen
FAO

Forestry

Innovations in FAO NFMA - support to Asian countries

23 – 26 February 2010

Seoul, Republic of Korea

Mikko Leppanen, Coordinator
Sustainable Forest Management in a Changing Climate
FAO – Finland Forestry Programme
FAO, Forestry Department

Forestry

Background

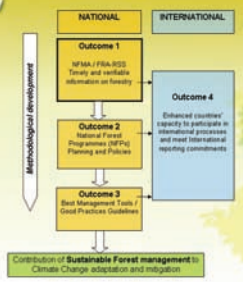
- 4 year development programme for FAO HQ and pilot countries
- FAO tools => to develop innovative methods, tools and technology to meet new requirements for forest inventories and other FAO tools
- Piloting in 5 countries (Vietnam, Zambia, Peru, Ecuador and Tanzania)
- Supporting other initiatives => UN REDD, FCPF, bilateral donors

Forestry

Resources

- Budget USD 20 million (45% HQ and 55% pilot countries)
- Additionally linked with bilateral projects: USD3 million Tanzania + USD 3 million Zambia
- 70% of the funding for the NFMA related activities
- Long-term Staff: Coordinator, RS Expert, Database Expert and SFM Expert
- Short-term consultants in special expertise in HQ and supporting country programmes
- Partnerships with research and development organisations

Forestry



Forestry

Challenges in REDD MRV

Technical

- Establishment of a robust monitoring system for REDD
- Accuracy requirements
- Measuring of forest degradation, other REDD+ requirements?
- Methods and capacity for utilisation of Remote Sensing (change detection)

Forestry

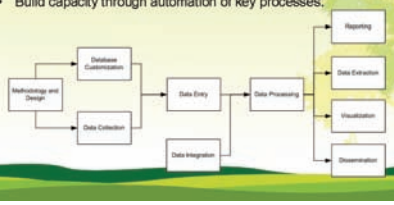
NFMA – support to REDD Monitoring, Verification and Reporting

- To provide data for GHG inventory (UNFCCC-IPCC guidelines)
- Improvements utilising NFMAs long experiences and expert network (Expert Consultations)
- Information needs of different users and uses, not only C-monitoring => Bio-physical and socio-economic field data
- REDD monitoring: intensified use of Remote Sensing

Forestry

National Forest Information Systems

- Assist countries to manage and analyse own data
- Country needs and constraints paramount
- Build on experience of best-of-class systems
- Cooperation partner: Google
- Build capacity through automation of key processes:



Forestry

Support to NAFORMA (Tanzania)

On-going Expert support to NAFORMA:

- Planning and design of the inventory
- Tailoring and improvement bio-physical and socio-economic methodology
- Training of the office and the field staff
- Technical support in mapping, RS, data analysis, data collection etc.
- Quality control system

Later:

- field data collection, data analysis – multisource inventory (RS, Lidar), information system development and reporting
- Support to NFP? Forest legislation?
- SFM good practice guidelines: Fire management, plantations