

Adapt Tech in NAPAs

More information

The NAPA Primer, available at www.unfccc.int/ldc
 New Delhi 2003 Workshop Report
 LEG Technical Papers - upcoming on NAPA Implementation Strategy, Benchmarking

Introd to NAPAs (Art. 4.9)

What are they?: urgent adaptation actions to address immediate needs
 NAPAs bottoms up, not sector-driven; activities grouped based on need or key vuln
 PRIVA: vulnerability/adaptation framework and tool
 Privettes: specific prototypes by sector/issue e.g. drought, flooding, irrigation, seasonality, ecoregion conservation, etc
 (Practical) Definitions of technology in NAPA context
 Mechanical, hardware, **major instrumentation**: e.g. radar system for storm tracking; water processing plant; etc
 Techniques & Methodologies or know-how/scientific knowledge: e.g. processing protocols for GIS and RS to solve big problems; crop/tree breeding/cloning; Risk analysis protocols for climate disasters; national integrated modeling
 Implementation modes: e.g. microfinance, insurance
 Problem-oriented rather than tech type oriented
 Important to **prototype applications** then benchmark
 Technology not an issue by itself - context defined by specific to activity or project
 Entry Points for Technology
 Less about tech transfer more on appropriate implementation of technology & appropriate levels of funding for major hardware/instrumentation

LEG Next Steps

Ongoing survey on local coping and IK as part of LEG database development
 Special publication on local coping and indig tech in context of NAPAs: COP-11 side event
 Synthesis of NAPAs to link activities to database and promote regional synergy: ongoing as NAPAs finalized and reviewed by LEG
 Benchmarking of adaptation solutions incl technologies as projects are implemented
 Online course on NAPA preparation and implementation to include tech issues
 Case Study: GIS and RS - national data bundles to support vulnerability and adaptation assessment and implementation
 Case Study: National Integrated Modeling - Linking adaptation in national assessment and planning: CGE models link to poverty and cc analysis

Sharing local knowledge and endogenous adaptation technologies

Online database of adaptation solutions - emphasis on community level: <ppt here>
 IUCN
 Main sources/partners
 GTOS - GOFCC/GOLD for RS/GIS
 World Bank IK database, etc
 LEG review of NAPA drafts to be linked to database of adaptation solutions
 Online database
 Special publications
 Special publication of 'examples' based on New Delhi 2003 IK and Adapt Tech UNFCCC workshop planned
 Promotion of Regional Synergy through workshops and extension as NAPAs developed
 Completed NAPAs being reviewed to identify regional commonalities and possible joint project development
 Compilation of common adaptations to comparable vulnerabilities and outreach in database

Early Examples of NAPA Outcomes wrt Tech

EWS - link with Disaster Risk Reduction
 Seasonal forecasts: managing the agric calendar
 Ag Tech: irrigation, food processing and storage
 Water: purification, harvesting, withdrawal
 GIS/RS: analysis, forecasting/EWS, land planning, etc
 LDC National Spatial Data Bundles (GIS/RS)
 Privettes
 Energy Sector: electricity, stoves, nat gas
 Crop and tree breeding, provenance trials: research - greenhouse tech and field trials
 Integrated Modeling and planning
 Financial models: micro-insurance, microfinance, CBNRM, etc

Issues with Technology in NAPA

Most critical constraint likely to be funding
 Project sustainability - long-term funding flows
 Choice of appropriate tech for locale and issue
 Capacity an issue for standalone adaptation activities that are 'new' for a region/community

Benchmarking NAPA Activities incl Technologies

What is benchmarking?
 Why: Ensure max efficiency, provide dynamic correction mechanism
 Ensure environmental sustainability
 Promote development of standards