Agriculture in National Adaptation Programmes of Action (NAPA)

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NAPAs

• National Programmes of Action (47)
• Identify urgent and immediate needs for adaptation in LDC countries
• Select priority projects (490)

• Nationally led
• Multistakeholders
Process

• Preparation process aims to identify key adaptation needs by:
  - analysing potential effects of climate change on each sector
  - Assessing vulnerabilities
  - Developing a list of adaptation activities and projects
Process (prioritisation)

- Ranking of priority areas
- Identification of the most urgent needs
- Prioritisation takes into account:
  - Vulnerability of sectors
  - Vulnerability of groups
  - Contribution to food security
  - Contribution to poverty reduction
  - Cost
Projects by sector

- Food security: 20%
- Terrestrial Ecosystems: 16%
- Water: 15%
- Coastal zones: 8%
- Cross sectoral: 7%
- Early Warning: 8%
- Education/Capacity building: 8%
- Energy: 3%
- Health: 7%
- Insurance: 0%
- Infrastructure: 7%
- Tourism: 1%

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Projects by sector

- Food security
- Terrestrial Ecosystems
- Coastal zones
- Water
- Infrastructure
- Tourism
- Insurance
- Health
- Energy
- Education/Capacity Building
- Early Warning
- Cross sectoral

Projects (with Ag...)
Other project
Cross sectoral

- Meteorological and hydrological information (forecasting, early warning)
- Community based management
- Integrated management
Early warning systems and disaster management

• Weather forecasting systems

• Early warning systems: climate, drought; floods, natural disasters, food security

• Less often: disaster management preparedness, strategy and response capacity
Education/capacity building

• Education (CC)

• Capacity building for:
  - Local Authorities
  - Planning and zoning
  - Vulnerable communities
  - households, farmers,...
Coastal zones/marine ecosystems

- Protection of coastal areas
- Restoration
- Integrated management of coastal areas
- Mangroves
- Coral reefs
- Dunes
Terrestrial ecosystems

- Watershed management
- Watershed restoration
- Landslide and flood prevention (GLOF)
- Restoration and management of wetlands and lakes

- Erosion control
- Soil conservation
- Restoration of degraded land
Terrestrial ecosystems

- Sustainable management of forests
- Afforestation, reforestation
- Agroforestry
- Protection of forests
- Forest fire prevention

Resilience of forests and Forest/Tree as key to increasing resilience
Water resources

- Water management and efficiency
- Improvement of irrigation systems
- Better hydrological management (including prevention of floods)
- Dams and reservoirs
- Rain water harvesting
- Better management of ground water (including wells)
- Water quality (pesticides)
- Drinking water supply (esp SIDS)
Infrastructures

• Mainly about water: irrigation, dams, canals
Food security

• Irrigation, supplemental irrigation
• Soil conservation
• Drought, flood and salinity tolerant crops (research, access)
• Short cycle crops
• Multiplication of improved seeds
• Adaptation to salinity
Food security

- Pastoral areas management
- Livestock mobility
- Fodder crop species in pastoral areas
- Fodder production, stocks
- Genetic improvement of local breeds

- Improve fisheries management
- Increase fish production
Food security

• Diversification
• Integrated crop/livestock systems
• “Intensification”
• More value added (processing, marketing)
• Promote secondary professions, income generating activities
Other sectors

**Energy**: measures for:
- Energy efficiency and development of renewable energy (to protect forests)
- Development of renewable energies as a way of diversification

**Tourism**: ecotourism, agrotourism

Promotion of **non agricultural jobs**
Insurance

• Two projects, both including agriculture
Health

• Strengthen the health system

• Prevention of water borne diseases

• Monitoring and control of CC risk related diseases

• Vector diseases
Building resilience at different scales
Way forward

• Implement NAPAs (LDC fund, Adaptation Fund)

• Lessons for our work

• Lessons for NAPs
Thank you

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