

**FAO/OECD Workshop : Building Resilience
for Adaptation to Climate Change in the Agriculture sector
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Agriculture in National Adaptation Programmes of Action (NAPA)

**Alexandre Meybeck, Nadine Azzu,
Michael Doyle, Vincent Gitz, FAO,**



Food and Agriculture Organization of the United Nations

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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

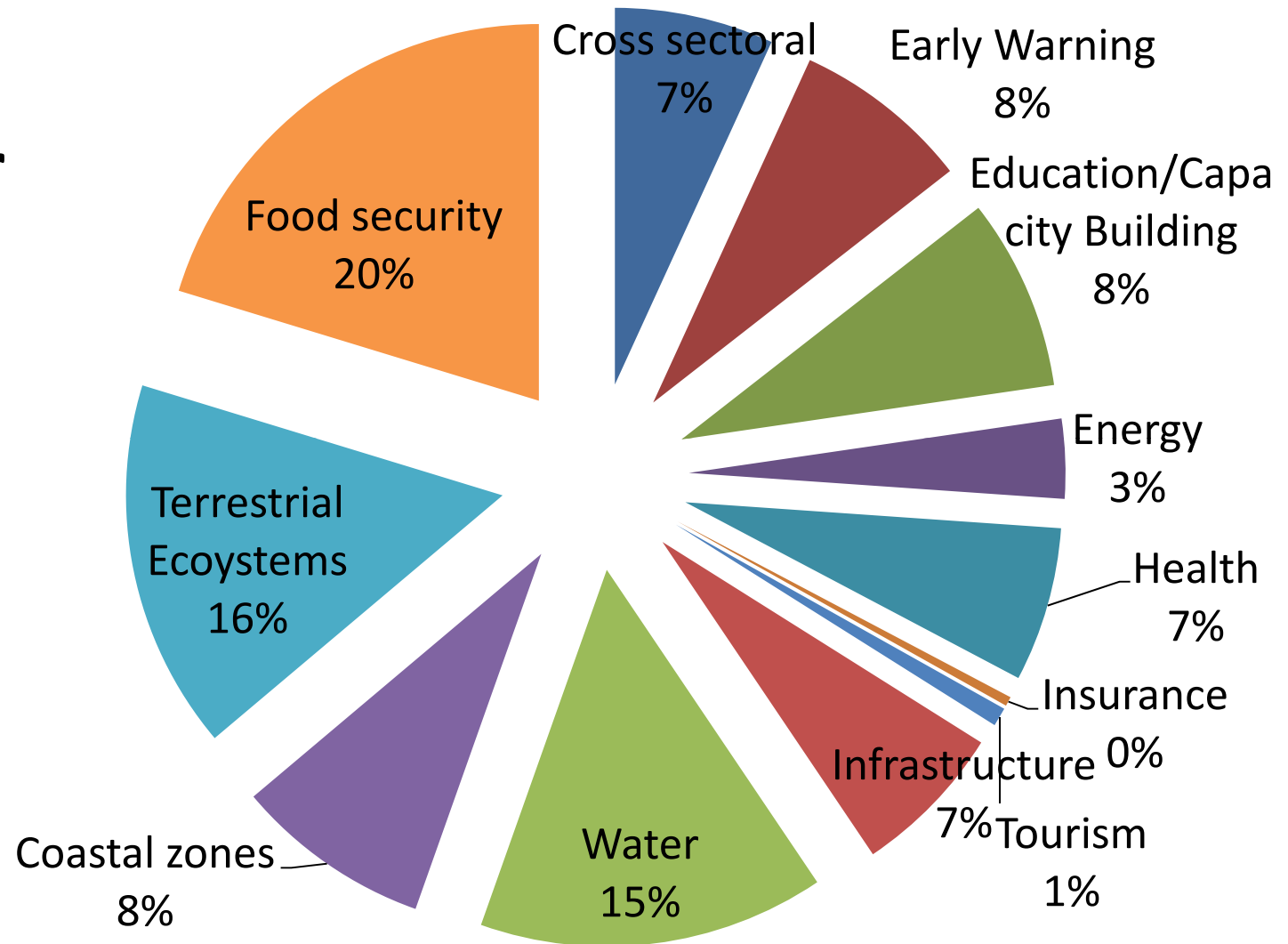


Process (prioritisation)

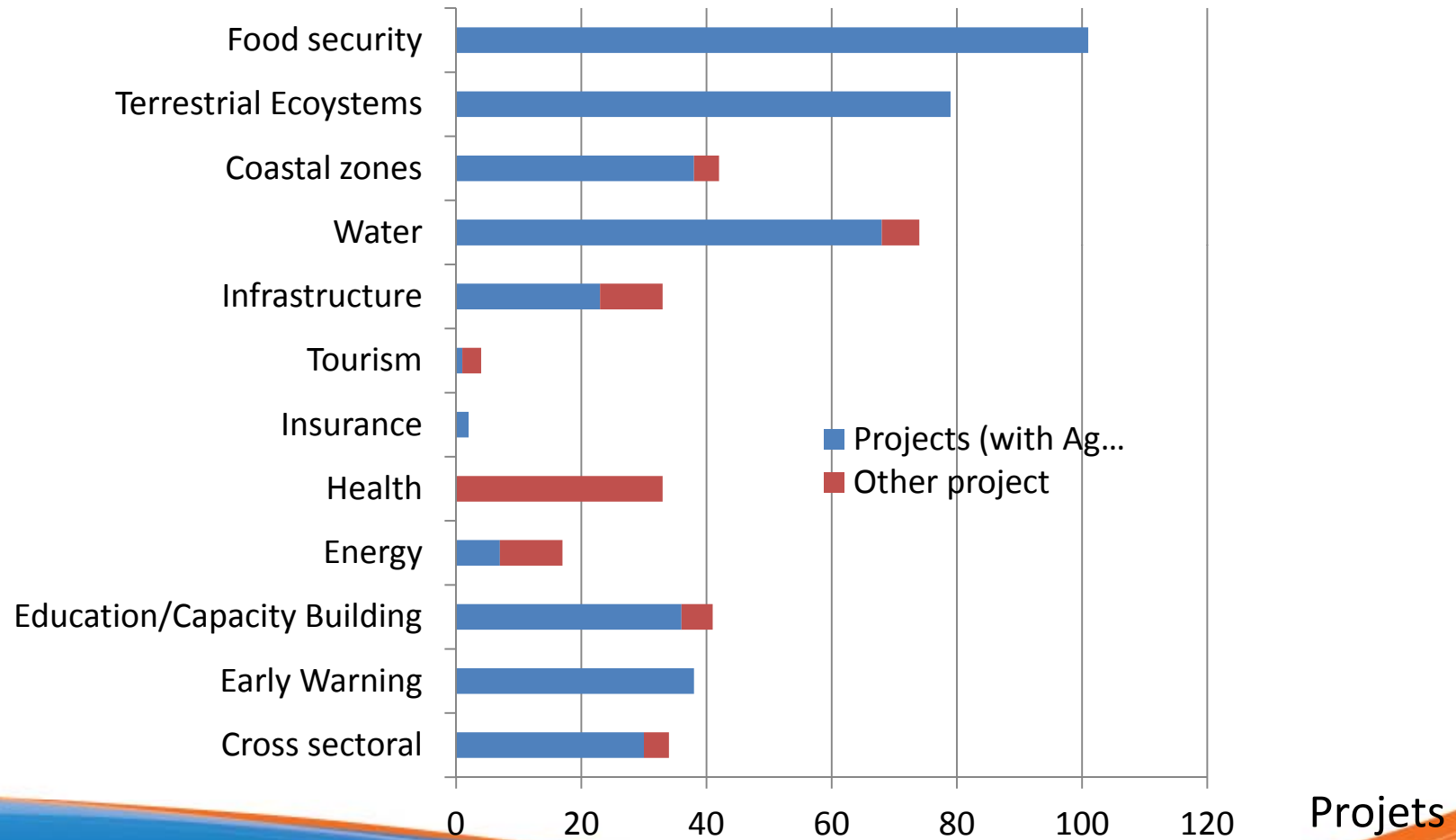
- Ranking of priority areas
- Identification of the most urgent needs
- Prioritisation takes into account :
 - Vulnerability of sectors
 - Vulnerability of groups
 - Contribution to food security
 - Contribution to poverty reduction
 - Cost



Projects by sector



Projects by sector



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

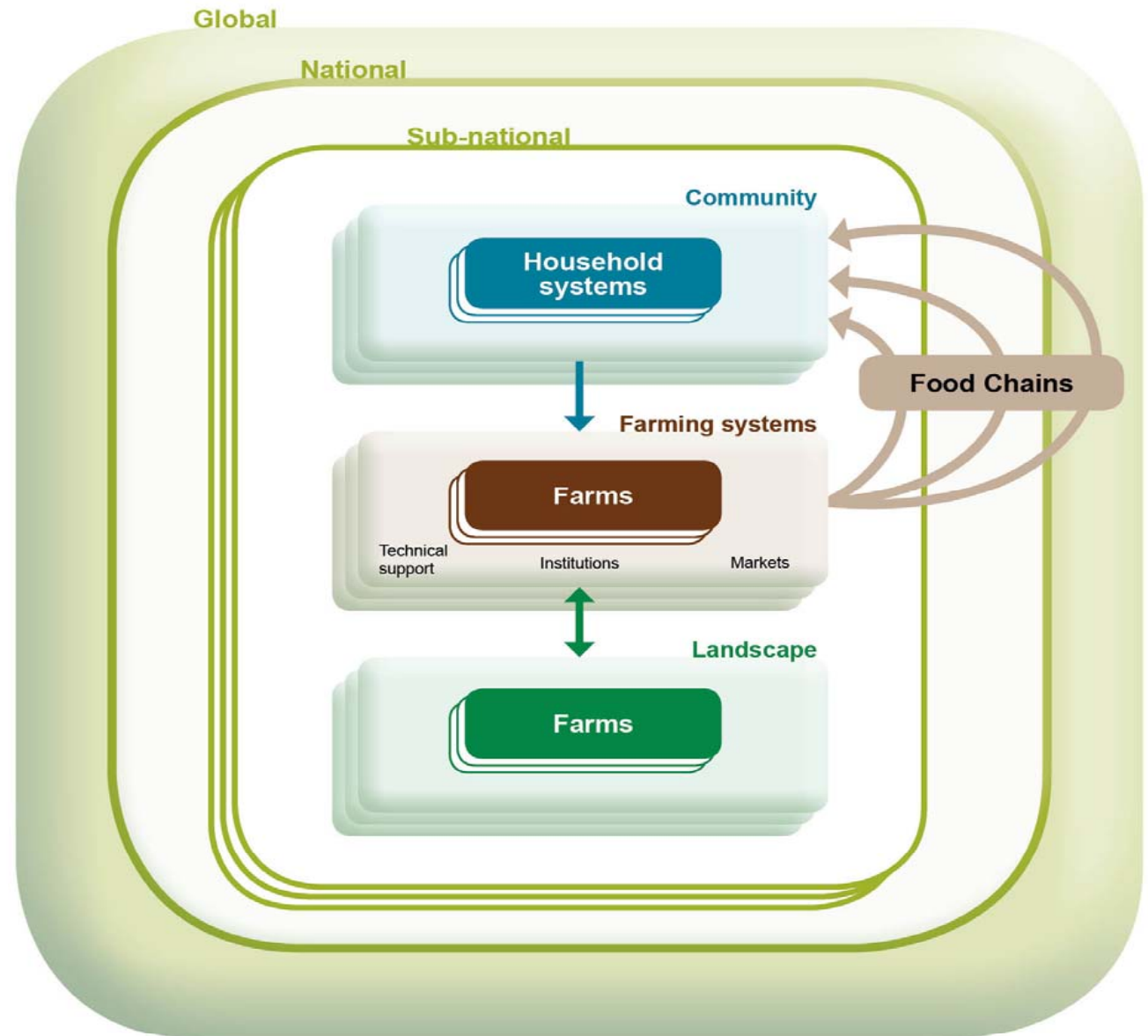


Health

- 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 NAPAs



Thank you

alexandre.meybeck@fao.org



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