



30 RESILIENCE OPTIONS

DIVERSE WAYS FOR GRASSROOTS ORGANIZATIONS
TO FLOURISH IN THE FACE OF CLIMATE CHANGE

DIVERSIFY SOCIALLY



ORGANIZATIONAL SYSTEMS
Ensure that your group runs smoothly



MEMBERSHIP SERVICES
Know and meet the changing needs
of your members



POLITICAL REPRESENTATION
Build relationships that shape
government decisions



TECHNICAL EXTENSION
Upskill your members in sustainable
forest and farm management



QUALITY ASSURANCE
Set and certify high standards
for your members' products



BUSINESS INCUBATION
Help your members nurture
their enterprises



FINANCIAL SERVICES
Mobilize or link to external savings,
loans and insurance businesses



COOPERATIVE UNION
Link with like-minded people to share
costs and boost scale and voice

DIVERSIFY ECOLOGICALLY



CLIMATE-ADAPTED STOCK
Find and plant hardier species and varieties



BIODIVERSITY ENHANCEMENT
Grow diverse plants to reduce the risk
of total crop failure



SPATIAL OPTIMIZATION
Increase productivity with clever
arrangements of trees and crops



SOIL EROSION CONTROL
Stop rich soil from washing away



PEST MANAGEMENT
Use integrated approaches
to minimize pest outbreaks



SOIL ENRICHMENT
Use organic matter to enrich
soils and retain soil moisture



TREE-BASED PRODUCTIVITY
Use nitrogen-fixing trees to increase
farm production

DIVERSIFY ECONOMICALLY



INCREASE SCALE
Expand group membership



STOCK INFORMATION
Keep track of product volume and
differentiate quality grades



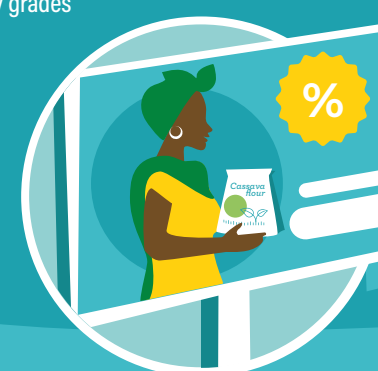
PROCESSING AND PACKAGING
Refine and pack products that last and are
eye-catching



MORE DISTRIBUTION CHANNELS
Diversify the outlets that sell your products



HORIZONTAL DIVERSIFICATION
Grow and make new things



BETTER MARKETING
Say catchy things about your product
so more people buy it



VERTICAL INTEGRATION
Take on more stages in the
value chain

DIVERSIFY PHYSICALLY



MAPS AND PLANS
Create maps that secure tenure,
and agree on land uses



INVENTORY AND REMOTE SENSING
Monitor forest stock and condition
to plan and prove sustainability



PHYSICAL BOUNDARIES
Use fences, firebreaks and windbreaks
to protect your stock



TERRACING
Install terraces on steep slopes



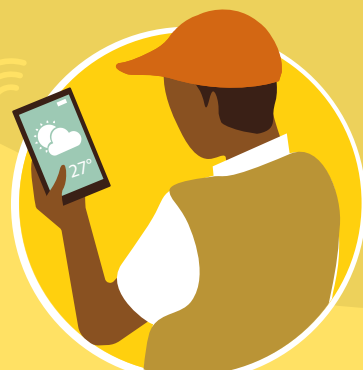
**ELECTRIFICATION
AND TECHNOLOGY**
Install technologies that improve efficiency



STORAGE AND TRANSPORT
Increase capacity to store and move
products as markets demand



WATER MANAGEMENT
Catch, channel and reuse water



INFORMATION SERVICES
Install systems to share data
on weather and markets