



Agriculture, Resilience & Water

The Agriculture, Resilience & Water group partners with rural communities, businesses and local leaders to develop market-oriented, climate-smart solutions at scale that increase food production and profitability, expand market access, conserve natural resources and build resilient livelihoods. Using a systems lens, we apply local and global expertise to advance sustainable economic growth for all.

STRENGTHENING CLIMATE-SMART FOOD SYSTEMS

Increasingly extreme and unpredictable weather patterns are causing unprecedented environmental destruction, destabilization and loss, with disproportionate impacts on the poorest and most marginalized. Among the most vulnerable are the world's subsistence and smallholder farmers – those who work on less than two hectares of land yet produce nearly a third of the world's food supply. Their livelihoods and household food security depend largely on

rain-fed agriculture, which is practiced on about 80% of the world's cropland.

Winrock understands that agriculture and climate are inextricably linked. We work with farmers, communities, businesses and government to design locally-centered solutions that are both climate-smart and responsive to market dynamics. Winrock's holistic approach prioritizes close collaboration with partners to identify, support and scale successful interventions that address inefficiencies and challenges at specific points while strengthening the entire food system.





WATER RESOURCE MANAGEMENT

Population growth and climate change are impacting access to reliable supplies of clean water for drinking, sanitation, agriculture and commerce around the world. Winrock addresses these essentials simultaneously rather than project by project. We work with local partners including community-based organizations, regional, national and transnational water management entities to support improved management of and increased investments in water capture, storage and irrigation infrastructure, as well as water quality monitoring. We help communities and smallholders secure the water access they need by supporting and expanding land and resource allocation agreements; strengthening local capacity to reduce conflicts over water resources; and promoting evidence-based approaches and technology for efficient water management. Winrock prioritizes data-led consensus building solutions to strengthen water resource management to facilitate reliable, equitable access to the multiple uses of water services as unpredictable weather and rising temperatures and sea levels alter the availability and quality of water supply.



THE WINROCK WAY



Market-driven



Results-focused



Science-based



Locally owned