



**WINROCK**  
INTERNATIONAL



## Enterprise & Agriculture

## U.S. Programs

### **Matching Innovative Approaches to Unique Needs**

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Winrock International's U.S. Programs is dedicated to returning economic vitality and sustainable natural resource management to America's landscape. From its roots in Arkansas, work has expanded through the mid-South and across the United States to provide crosscutting strategies to address challenges facing the region and nation.

U.S. Programs links local individuals and communities with new ideas and technology to increase long-term productivity, equity, and responsible resource management. Winrock's U.S. Programs works with its public and private sector clients to develop comprehensive project work plans, recruit quality contributors, mobilize resources, and implement large, complex projects, producing on-time, quality delivery of customized products.

### **Value Chains and Sustainable Foods**

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Efficient value chains are essential to developing sustainable food practices around the world.

By working with limited resource farmers to develop and market sustainable agricultural crops otherwise undeveloped in their markets as well as connecting these farmers with processors to see underutilized industries expand in unlikely areas, Winrock is promoting sustainable practices at all levels of the value chain.

Winrock's value chain and sustainable foods expertise includes:

- Linking small firms to large processors to promote the use of local raw materials
- Access to producers able to sell into corporate supply
- Analyzing possibilities for reduction of carbon footprint
- Assessing the reduction of "food miles" and the ability to map existing food systems
- Identification of barriers and opportunities to increase regional supply and improve access to regionally grown fruits, vegetables, meats, and other products
- Development of well-supported implementation plans to establish productive relationships along multi-state supply chains
- Aggregating smaller sustainable producers into business associations and/or facilitating technical assistance, allowing greater access to services and minimizing transaction costs to commercial buyers

### **Bioenergy Development**

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Winrock supports the development of bioenergy products and processes around the world. Winrock is at the forefront of innovative bioenergy development through its unique work with entrepreneurs and bioenergy experts.





Winrock conducts carbon accounting and emissions reduction crediting and has comprehensive local, national and regional renewable energy strategies, including biofuel technologies alongside other renewables. Winrock's biofuels interests include:

- Ethanol from cellulose and sugar cane
- Biodiesel from oilseed crops
- Optimal feedstock selection
- Biomass power generation with geologic carbon sequestration
- Ethanol, biodiesel and biorefinery transportation infrastructure
- Integrated fuel and industrial product biorefineries
- Hazardous forest fuel reduction with biofuels and biomass energy production
- Terrestrial carbon sequestration crediting for energy crops

## **Corporate Sustainability**

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From minimizing the amount of materials used in packaging to connecting with local producers to reduce "food miles," companies are rapidly developing innovative routes to sustainable business practices.

Winrock believes that analyzing business sustainability requires the application of comprehensive corporate strategies that incorporate a global range of activities.

Winrock programs can:

- Produce product life-cycle and social life-cycle assessments
- Identify cost-saving initiatives to reduce energy and fuel consumption
- Consult on clean technologies
- Create and administer corporate social responsibility packages
- Link corporate buyers to regional producers and artisans

## **Technology Commercialization**

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Innovate Arkansas, a unique program based at Winrock, assists technology- and knowledge-based companies through the commercialization process.

By working closely with existing university research centers and recruiting statewide for independent investors and entrepreneurs, Innovate Arkansas assures that economic service opportunities are available for new technology entrepreneurs throughout Arkansas. Innovate Arkansas services include:

- Technology product assessments
- Intellectual property advice
- Commercialization strategies
- Product and concept valuation
- Early stage investment advice
- SBIR and STTR application assistance

Winrock International is a nonprofit organization that works with people in the United States and around the world to empower the disadvantaged, increase economic opportunity, and sustain natural resources.