# SARE Logic Model – Research and Education (R&E) Programs

| Process | | | Outcomes | | |
|---|---|---|---|---|---|
| **1. Inputs** | **2. Participants** | **3. Outputs** | **4. Learning** | **5. Actions** | **6. Conditions** |

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| **What SARE provides:**<br><br>Funds for Grants<br><br>Administration<br><br>Applicant Guidance<br><br>Proposal Review<br><br>**To support competitive grants for:**<br><br>Integrated research and education projects<br><br>Extension education about R&E project findings<br><br>Extension education about other research-based sustainable agriculture practices, strategies, approaches<br><br>On-farm problem-solving, testing and demonstrations<br><br>Graduate Student research | **Who's involved as target audience and partners:**<br><br>**Target audience:**<br>Farmers & Ranchers<br><br>**Partners:**<br>Scientists, University faculty<br><br>Extension educators<br><br>NGOs<br><br>Technical service providers, NRCS, ARS, EPA and others involved in sustainable agriculture.<br><br>Grad students<br><br>Other stakeholders in the food system, including consumers<br><br>Policy and decision makers, advocates | **What's produced:**<br><br>**Research activities**<br><br>**Information from research about:**<br><br>Sustainable ag systems, practices, and principles<br><br>3.3 New, innovative practices, methods and technology<br><br>**Educational activities including:**<br><br>Farm tours, field days, workshops, webinars<br><br>**Information products including:**<br><br>Extension curricula, decision-making tools<br><br>Extension publications, web media<br><br>Scientific journal articles<br><br>Dissertations, theses, presentations<br><br>Reports, bulletins, white papers | **What's learned:**<br><br>**Farmers and other stakeholders gain or increase:**<br><br>Knowledge of sustainable ag systems, practices, technologies and approaches<br><br>Skills in applying new sustainable ag knowledge<br><br>Understanding of health, safety, economic and environmental impacts of production, management, food choices<br><br>Knowledge of barriers to, and opportunities for sustainable ag improvements<br><br>Knowledge and skills for leadership capacity among farmers and ag professionals | **What's done:**<br><br>**Farmers and Ranchers begin or increase adoption of:**<br><br>Principles, practices, systems, technologies and approaches suited to long term sustainability<br><br>**Ag professionals or others begin or increase:**<br><br>Incorporation of principles and practices from projects into their work<br><br>New research that builds on SARE-funded R&E projects<br><br>Incorporation of project findings and related sustainability principles into courses, extension publications, NRCS guides, etc.<br><br>Support for sustainable ag through purchases, policy change and/or food chain improvements.<br><br>Collaborations and partnerships for sustainable ag research and education | **What's improved:**<br><br>Market and employment opportunities in agriculture<br><br>Economic well-being for producers<br><br>Quality of life for producers and communities<br><br>Environmental quality and stewardship<br><br>Efficiency of nonrenewable and on-farm resources use<br><br>Access to healthy, affordable food<br><br>Institutional support, policy and professional inquiry into issues of long term agricultural sustainability |