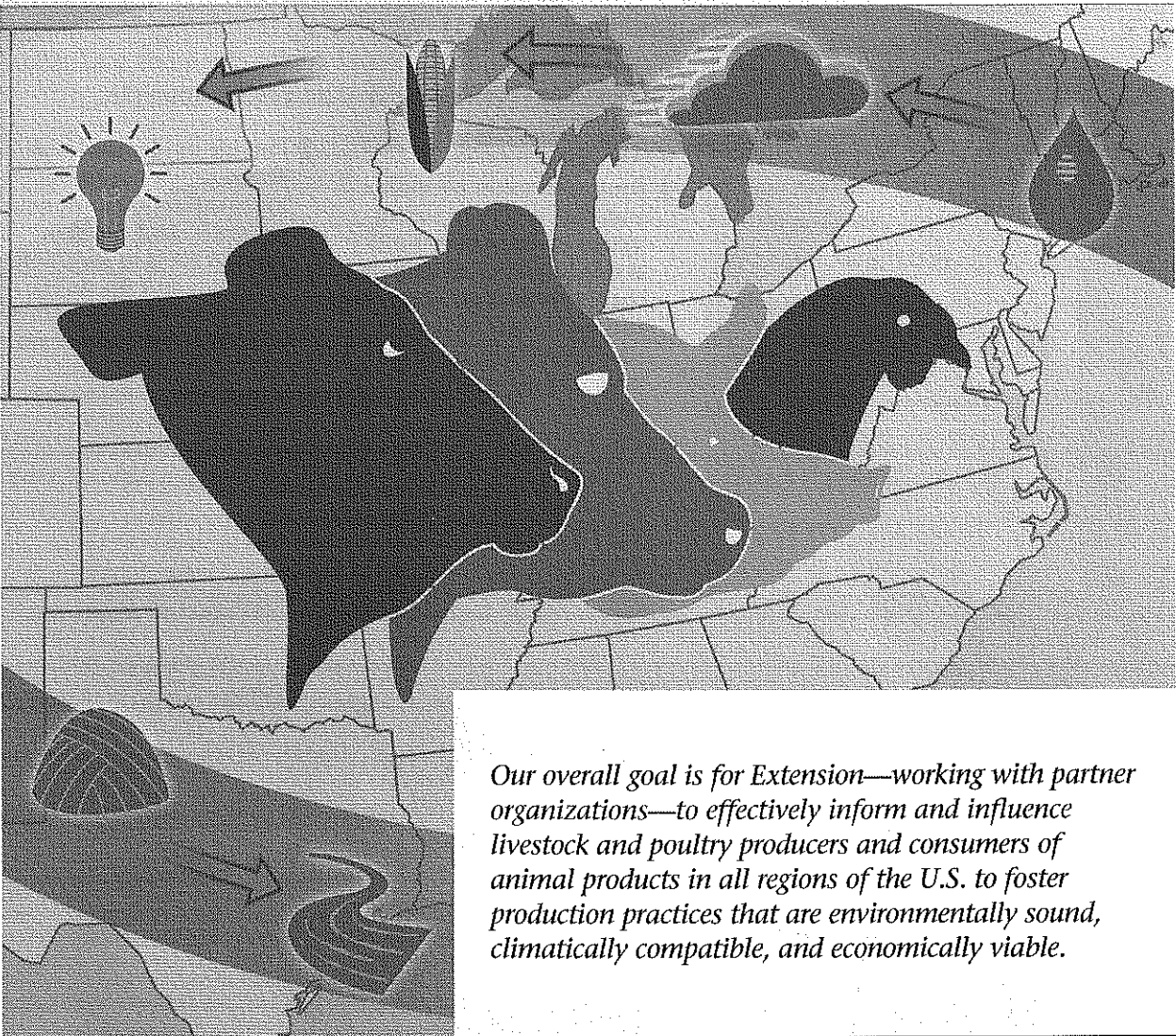


# Animal Agriculture & Climate Change

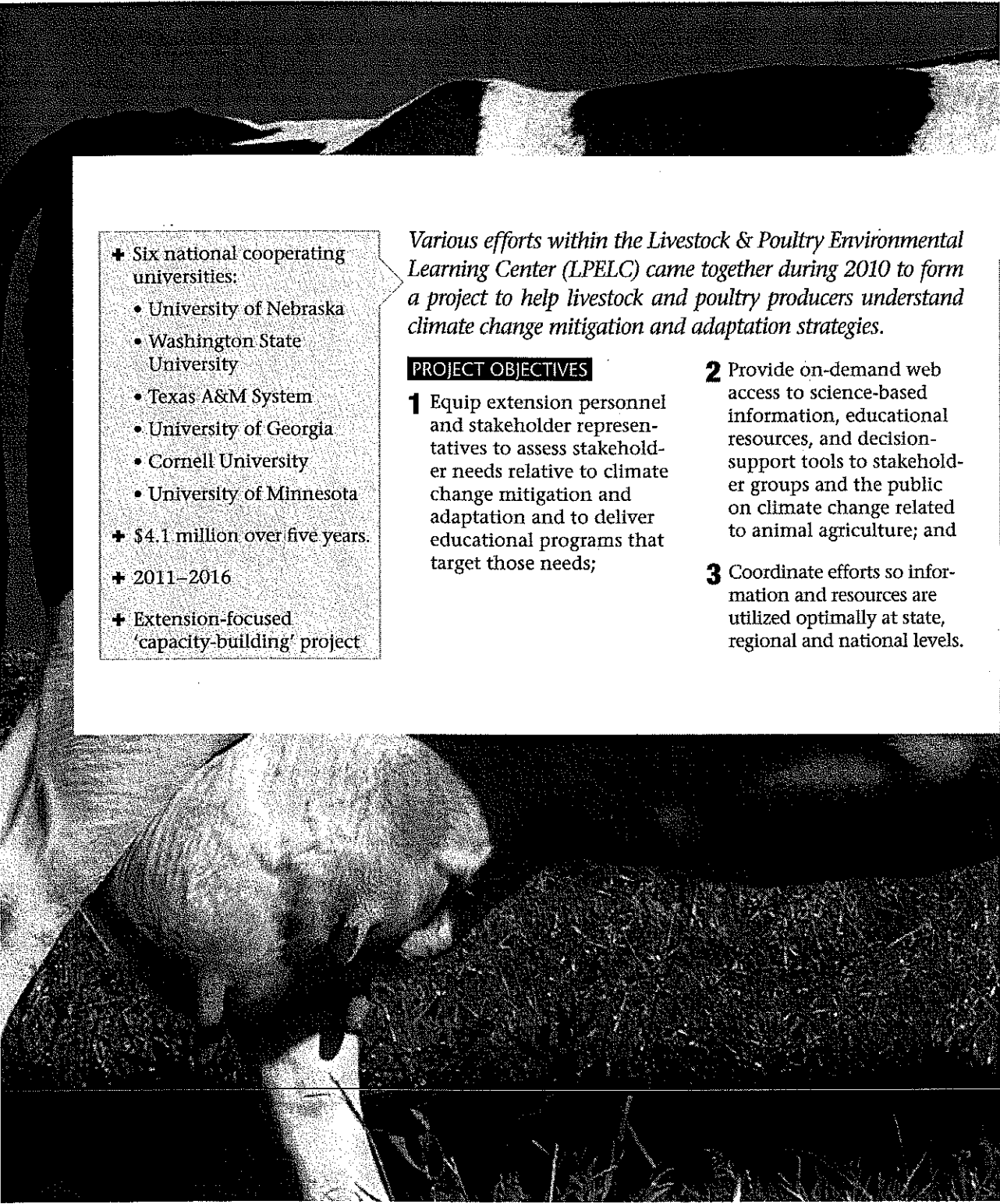
Developing National Extension Capacity to Address Issues Related to Climate Change and Animal Agriculture



*Our overall goal is for Extension—working with partner organizations—to effectively inform and influence livestock and poultry producers and consumers of animal products in all regions of the U.S. to foster production practices that are environmentally sound, climatically compatible, and economically viable.*

Livestock and Poultry Environmental Learning Center  
[www.extension.org/animal\\_manure\\_management](http://www.extension.org/animal_manure_management)





+ Six national cooperating universities:

- University of Nebraska
- Washington State University
- Texas A&M System
- University of Georgia
- Cornell University
- University of Minnesota

+ \$4.1 million over five years.

+ 2011–2016

+ Extension-focused 'capacity-building' project

*Various efforts within the Livestock & Poultry Environmental Learning Center (LPELC) came together during 2010 to form a project to help livestock and poultry producers understand climate change mitigation and adaptation strategies.*

#### PROJECT OBJECTIVES

**1** Equip extension personnel and stakeholder representatives to assess stakeholder needs relative to climate change mitigation and adaptation and to deliver educational programs that target those needs;

**2** Provide on-demand web access to science-based information, educational resources, and decision-support tools to stakeholder groups and the public on climate change related to animal agriculture; and

**3** Coordinate efforts so information and resources are utilized optimally at state, regional and national levels.

### APPROACH

Project objectives will be achieved through the coordinated efforts of extension professionals from several regions of the U.S. working in concert with the LPELC as a Climate Change Team.

The core Extension Climate Change Team consists of an extension specialist and project-dedicated extension professional from each of five regions, in addition to the project director, a project team coordinator, and a web content manager.

### UNIQUE PROJECT FEATURES

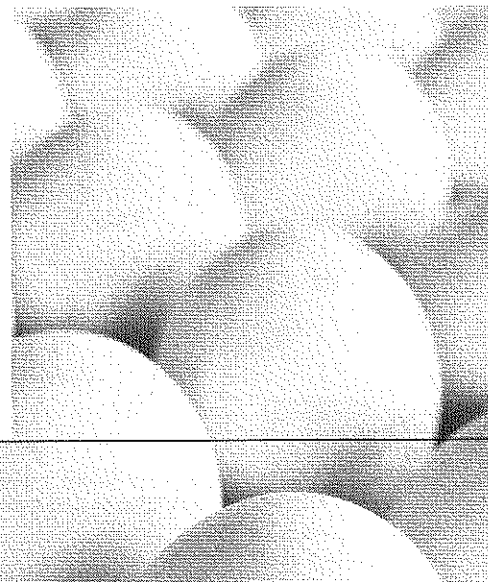
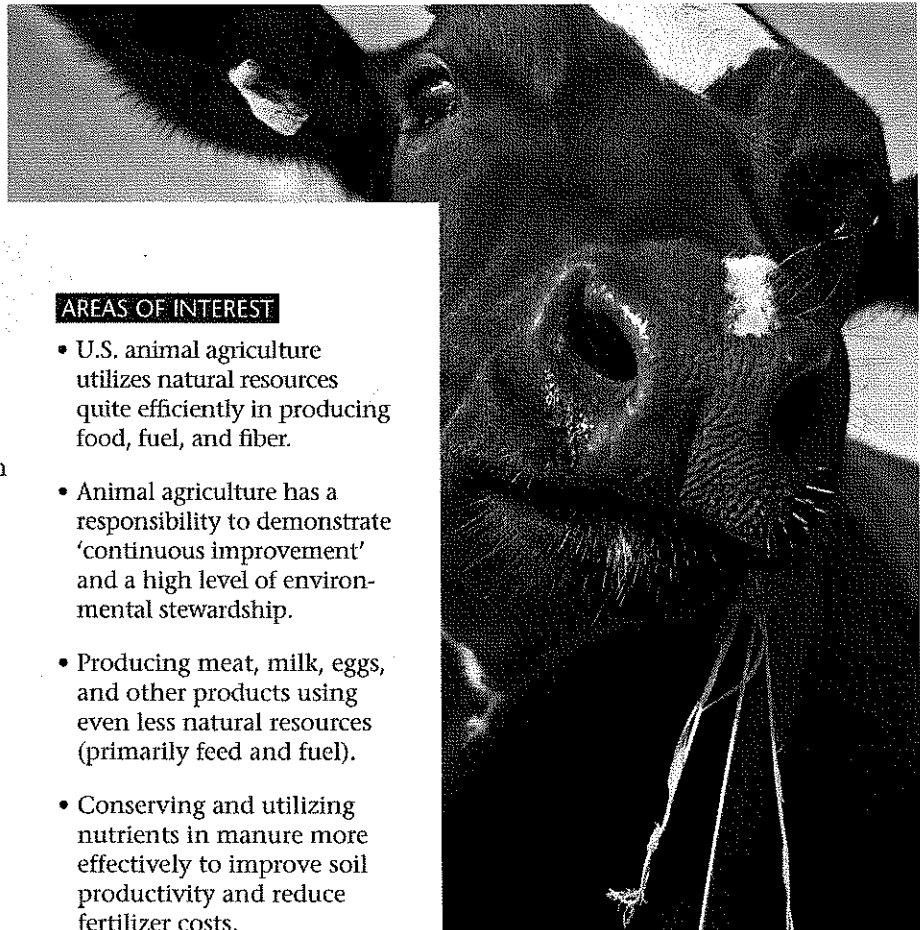
- Regional teams will address systems and needs of their designated area.
- National coordination facilitates sharing of information, expertise, and resources.
- Coordinate project education and outreach activities through the successful framework of the LPELC's established web presence.

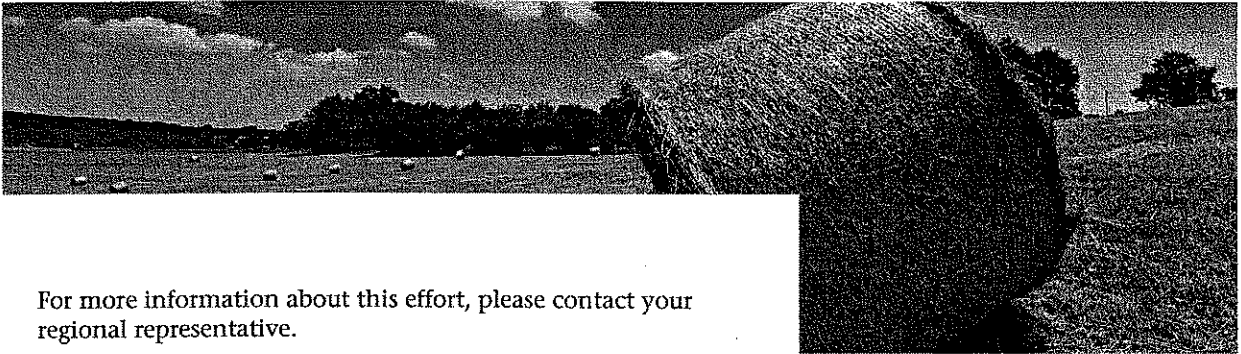
### AREAS OF INTEREST

- U.S. animal agriculture utilizes natural resources quite efficiently in producing food, fuel, and fiber.
- Animal agriculture has a responsibility to demonstrate 'continuous improvement' and a high level of environmental stewardship.
- Producing meat, milk, eggs, and other products using even less natural resources (primarily feed and fuel).
- Conserving and utilizing nutrients in manure more effectively to improve soil productivity and reduce fertilizer costs.
- Managing animals during heat waves and extreme weather events.

### DESIRED END RESULT

A primary desired outcome is that stakeholder decisions result in reduced greenhouse gas emissions without sacrificing America's capacity to produce meat, milk, eggs and other animal products.





For more information about this effort, please contact your regional representative.

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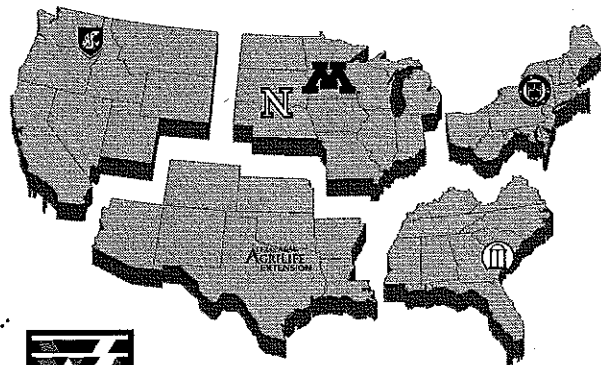
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**USDA**

United States  
Department of  
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Livestock and Poultry  
Environmental Learning Center

