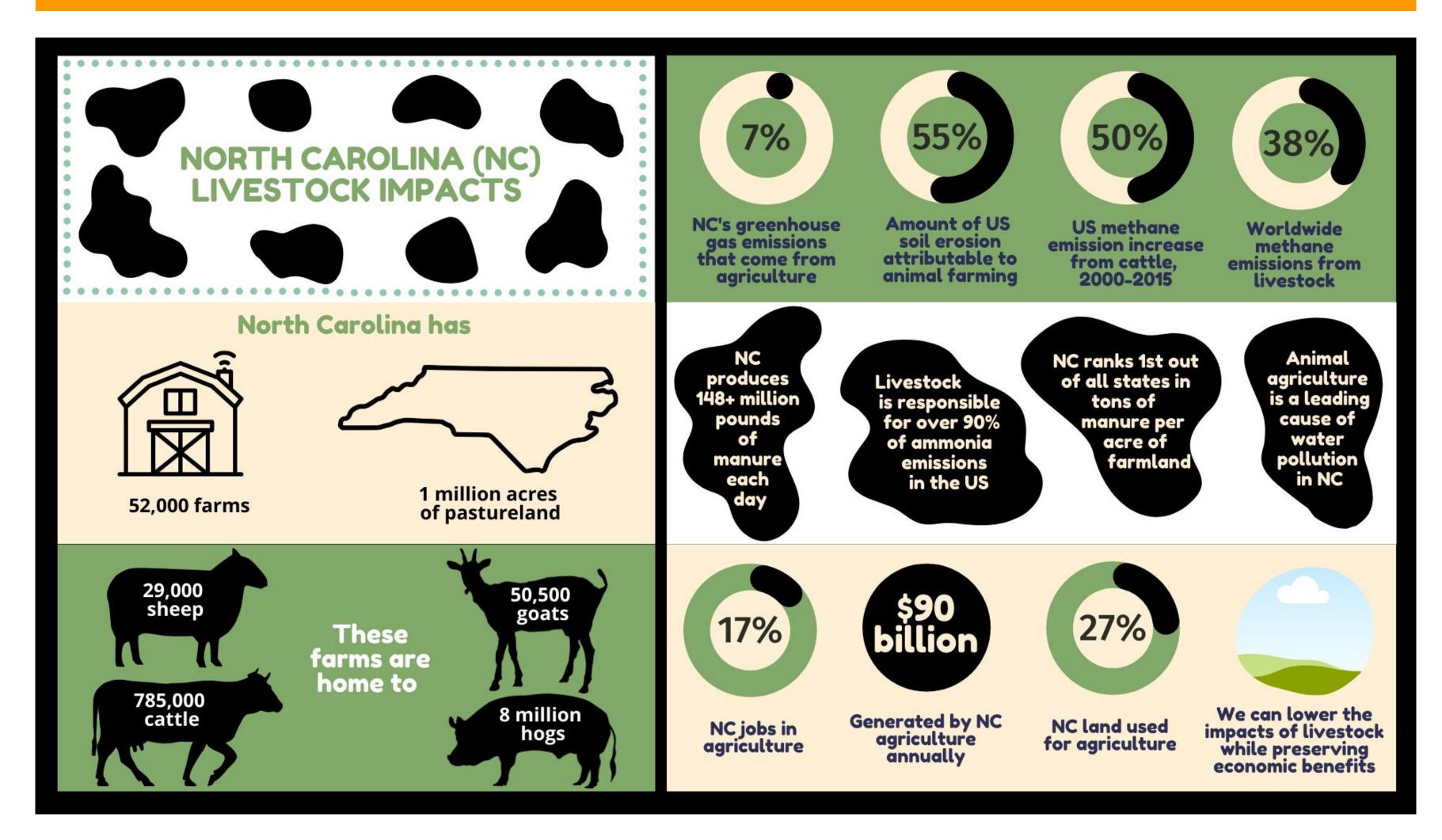
Regenerative Grazing to Mitigate Climate Change: It's Not the COW, It's the HOW

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Livestock in North Carolina



Regenerative Grazing Mitigates Climate Change

Regenerative grazing is an agro-ecological approach for livestock management based on understanding and observation of natural systems. Regenerative grazing:

- emphasizes management of land as a system of relationships, efficient nutrient cycling, and diversity of organism and functions
- applies management techniques to restore the system to improved productivity
- focuses on regrowing, repairing, and restoring the ecosystem of the farm

How:

- Grazing occurs more intensively over a smaller area for a shorter period of time, allowing the land to regenerate for a minimum period of 45 days.
- Baseline testing establishes a benchmark from which farms monitor for continuous improvement as they implement regenerative practices.





Regenerative Grazing Provides Many Benefits

ECONOMIC BENEFITS BENEFITS TO FARMERS Reduce cattle feed costs Decrease fertilizer spendings Reduce veterinarian bills for cattle Decrease upfront costs on farm equipment Reduce farm equipment maintenance costs ENVIRONMENTAL BENEFITS BENEFITS TO THE ENVIRONMENTAL LANDSCAPE Enhance the rate of carbon sequestration Increase biodiversity on farms Increase water retention rates Improve soil health functions Increase carbon, water, and microogranism processes

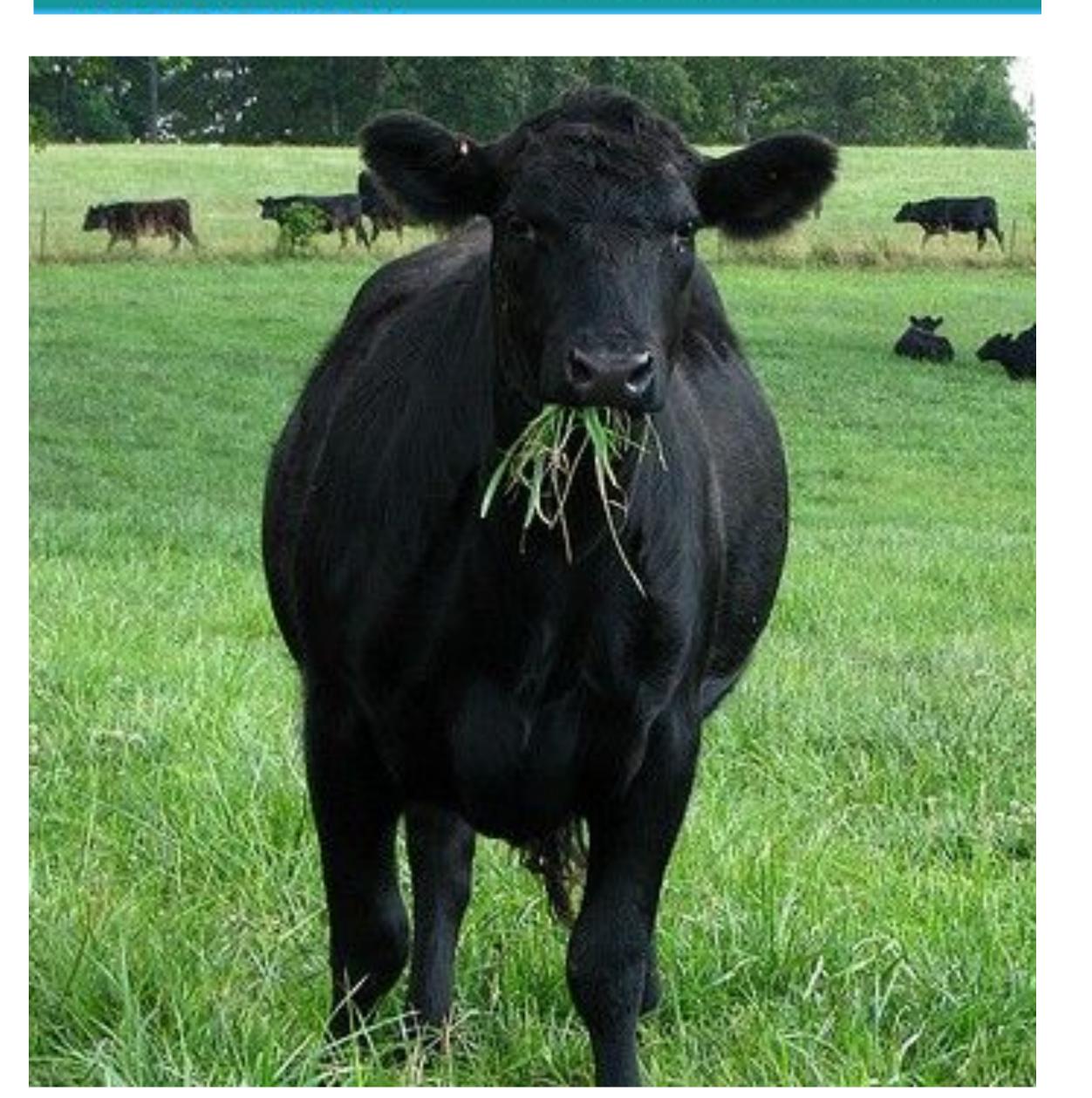


SOCIAL BENEFITS

BENEFITS TO SOCIETY AT LARGE

Enhance your community network

Develop support for local food movements
Inform of traditional and indigenous farming practices
Increase diversity in farmer opportunities



Farmers Need Support to Expand Regenerative Grazing

Through CARBON OFFSETS...

- As a farmer interested in Carbon Offsets
 - Carbon Markets provide financial incentives for implementation of regenerative practices
 - How to tap into these markets?
 - Find a project developer
 - Implement carbon sequestration protocols with help of project developer
 - Project developer markets the offsets to a carbon registry
 - Other environmental markets
 - Wetland mitigation banks

Through POLICY INTERVENTION...

- At the state level
- NC Healthy Soils Legislation
- Disaster Resilience Funds
- At the federal level
- Fund baseline testing to better understand the benefits of regenerative grazing through:
 - USDA Funding Programs:
 - Partnerships for Climate-Smart Commodities
 Grant
 - Small Business Innovation Research Program
 - Regional Conservation Partnership Program
 - Modified Prescribed Grazing Practice Standard

Thank you to our external partners, including:







