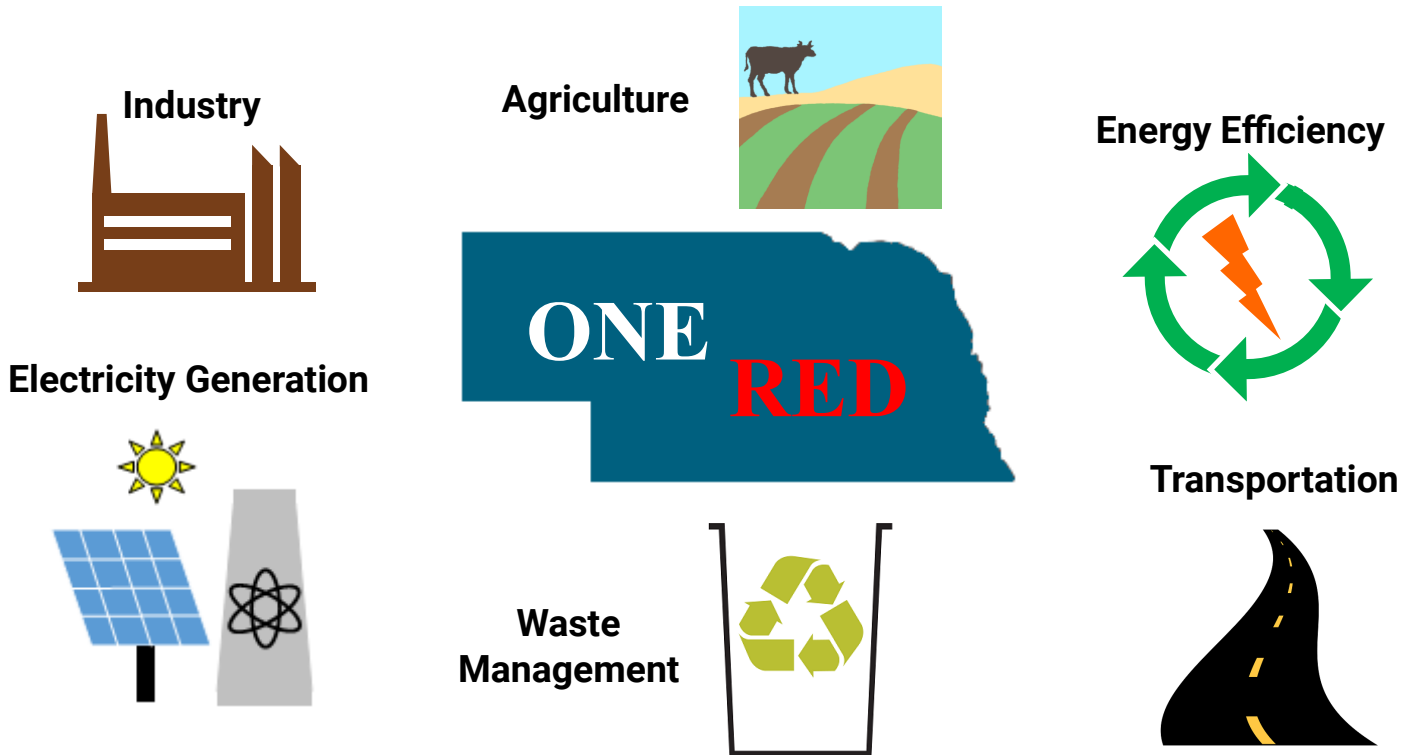


ONE RED

Opportunity for Nebraska: Reducing Emissions & Decarbonization

The Nebraska Department of Environment and Energy's ONE RED program is developing plans and programs to leverage federal funding to bolster our economy while reducing harmful air pollutant emissions. NDEE is identifying *voluntary measures and financial incentive programs* that can achieve short-term and long-term emissions reductions in all economic sectors by implementing new technologies and systems to support industries across the state.



NDEE has received EPA grant funding to finance projects that will produce emission reductions over the next five years (see next page). The Department is also continuing work on the ONE RED Comprehensive Action Plan to identify additional measures to achieve longer-term emissions reductions.

PROGRAM BENEFITS:

- *Reduced emissions of harmful air pollutants*
- *Energy efficiency projects to reduce energy costs*
- *Advanced livestock waste management*
- *Increased resilience of Nebraska's energy systems*
- *Incentives for sustainable agriculture practices*
- *Benefits to low-income and underserved communities*



More info:

ndee.onered@nebraska.gov

<http://dee.ne.gov/ndeqprog.nsf/onweb/cprg>

<https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants>

NEBRASKA

DEPT. OF ENVIRONMENT AND ENERGY

ONE RED Update—August 1, 2024. Nebraska has been awarded \$307 million to implement the measures listed below over a five-year period. Participation in all incentive programs will be strictly voluntary and will not rely on new rulemaking or requirements. The distribution of funds between measures is being discussed with EPA, and grant funds will not be available to NDEE until mid-October 2024. The program designs and timeframes for implementation will be worked out over the coming months.

Measure*	Metric Tons GHG Reduction	
	By 2030	By 2050
Promote Energy Efficiency and Electrification Upgrades for Non-Residential Facilities: Projects for industrial, commercial, agricultural, public, and non-profit buildings and facilities.	535,379	2,747,287
Residential Pre-Weatherization Program: Provide funding to address critical home repairs for low-income residents to allow eligibility for the Weatherization Assistance Program.	12,344	17,030
Incentives for Irrigation Well Conversion from Diesel to Electric	14,291	124,901
Incentives for Micro-Solar Arrays for Critical Infrastructure in Low-Income Rural Communities: Solar arrays to provide partial power to water and wastewater facilities, reducing energy cost.	9,183	25,148
Funding for Solar Projects on Unused/Contaminated Land, Ag & Industrial Facilities and Parking Lot/Feedlot Solar Canopies	12,180	29,481
Measures to Reduce Emissions in Agricultural Production: Three interdependent strategies: 1) Develop a Carbon Intensity (CI) Score Registry with incentives for participation; 2) Incentives for adoption of Regenerative Agriculture Practices to improve soil health and reduce N fertilizer use; 3) Incentives for Precision Agriculture equipment for more efficient production.	23,298,948	125,466,948
Establish Hub-and-Spoke Anaerobic Digester/Biogas Hubs for Agricultural Waste: Establish three regional biogas cleaning facilities near existing natural gas pipelines, with biogas supplied by digesters at nearby animal feeding operations to benefit multiple producers.	689,256	5,927,405
Incentives for Production and Use of Biochar to Reduce Organic Waste and Sequester Carbon in Soil	13,389	80,337
EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS	24,584,970	134,418,537

* The order of measures in this list does not indicate any NDEE preference or priority.

SECTORS AFFECTED:

- Industry
- Commercial and Residential Buildings
- Waste and Materials Management
- Electricity Generation
- Agriculture/Natural and Working Lands
- Transportation



More info:
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