


Climate Pollution Reduction Grant:

Developing Plans to
Reduce Greenhouse Gas
Emissions in Nebraska

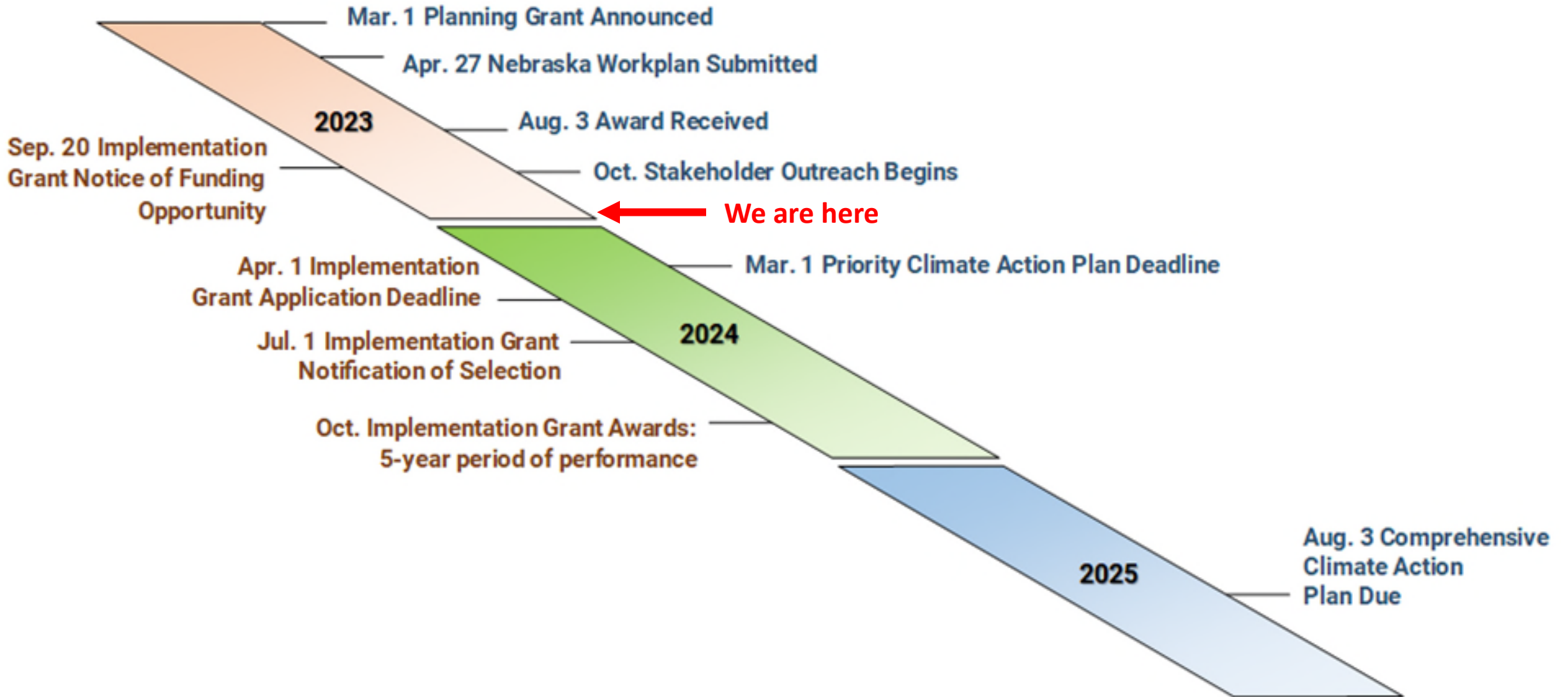
Buildings & Community Sector
Stakeholder Session 2



Second Round Stakeholder Session Goals

- Main Goal: Stakeholder input on identifying priority measures
 - Program timeline
 - Review EPA scoring criteria for implementation grants
 - Review of Session 1 measures
 - Breakout Sessions: stakeholder priority ranking polls
 - New ideas
 - Present NDEE's preliminary priority assignments
 - Discussion of priority category assignments; suggested changes
 - Whole group discussion of priority measure categories
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Climate Pollution Reduction Grant Timeline




EPA Scoring Criteria for GHG Reduction Measures

Criterion	Points
Benefits to low-income disadvantaged communities (LIDAC)	25
Magnitude of GHG reductions 2025-2030	20
Cost-effectiveness of measure	15
Documentation of GHG reduction assumptions	15
Transformative Impact	15
Magnitude of GHG reductions 2025-2050	10
Reductions in other air pollutants 2025-2030	10
Demonstration of funding need (vs other grants)	10
TOTAL	120

Residential Buildings Sector Measures Proposed in Session 1

- Battery storage, as a supplement to rooftop solar
 - Create financing mechanisms for efficiency upgrades for tenants and property owners
 - Funding for planting urban trees to reduce energy use and reduce heat-island effects
 - Funding repairs/upgrades to increase Weatherization Eligibility
 - Incentives for Electric Lawn Mowers and Lawn Equipment
 - Incentives for high-efficiency heat pumps and home appliances for low-income households
 - Incentives of residential lawn/landscapes to 30-50% of native species reduces the need for artificial watering
 - Large community geothermal loops
 - Recycling/Reuse of building materials can reduce emissions
 - Support residential solar development
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Commercial Buildings Sector Measures Proposed in Session 1

- City Planning for more walkable cities, reducing empty spaces
 - Community-level ground source heating/cooling for multiple buildings or business districts
 - Electrification/weatherization programs for commercial buildings
 - Expand eligibility for certain programs- e.g., LES sustainable program
 - Funding for solar - commercial, retail, non-profits particularly in low-income communities
 - Incentives for high-performance commercial buildings new/upgrades
 - Subsidies for parking lot solar to supply electricity to commercial buildings
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Breakouts

- Residential Buildings
- Commercial Buildings

Residential Buildings Breakout



NDEE Preliminary Priority Categories for Residential Measures

PRIORITY CATEGORY	MEASURES
HIGH PRIORITY	<ul style="list-style-type: none"> • Incentives for high-efficiency heat pumps and home appliances for low-income households • Support residential solar development • Funding repairs/upgrades to increase Weatherization Eligibility
HAS POTENTIAL – LONGER TERM	<ul style="list-style-type: none"> • Battery storage, as a supplement to rooftop solar • Create financing mechanisms for efficiency upgrades for tenants and property owners
LOWER IMPACT/ HIGHER DIFFICULTY	<ul style="list-style-type: none"> • Funding for planting urban trees to reduce energy use and reduce heat-island effects • Incentives for Electric Lawn Mowers and Lawn Equipment • Incentives of residential lawn/landscapes to 30-50% of native species reduces the need for artificial watering • Large community geothermal loops • Recycling/Reuse of building materials can reduce emissions

Residential Measures	Impact	LIDAC Impact	Ease of Implementation	Ease of Measurement	Priority
Battery storage, as a supplement to rooftop solar	Medium	Low	Medium	Difficult	Medium
Create financing mechanisms for efficiency upgrades for tenants and property owners	Medium	Medium	Medium	Medium	Medium
Funding for planting urban trees to reduce energy use and reduce heat-island effects	Low	Low	Easy	Difficult	Low
Funding repairs/upgrades to increase Weatherization Eligibility	High	High	Easy	Medium	High
Incentives for Electric Lawn Mowers and Lawn Equipment	Low	Low	Easy	Medium	Low
Incentives for high-efficiency heat pumps and home appliances for low-income households	High	High	Medium	Easy	High
Incentives of residential lawn/landscapes to 30-50% of native species reduces the need for artificial watering	Medium	Low	Difficult	Difficult	Low
Large community geothermal loops	High	Medium	Difficult	Easy	Low
Recycling/Reuse of building materials can reduce emissions	Medium	Low	Difficult	Difficult	Low
Support residential solar development	High	Medium	Medium	Easy	High

Residential Sector

IMPACT

HIGH

MEDIUM

LOW

Large community geothermal loops	Incentives for high-efficiency heat pumps and home appliances for low-income households Support residential solar development	Funding repairs/upgrades to increase Weatherization Eligibility
Incentives of residential lawn/landscapes to 30-50% of native species reduces the need for artificial watering Recycling/Reuse of building materials can reduce emissions	Battery storage, as a supplement to rooftop solar Create financing mechanisms for efficiency upgrades for tenants and property owners	
	Funding for planting urban trees to reduce energy use and reduce heat-island effects	Incentives for Electric Lawn Mowers and Lawn Equipment

DIFFICULT

MEDIUM

EASY

EASE OF IMPLEMENTATION

NDEE Preliminary Priority Categories for Residential Measures

PRIORITY CATEGORY	MEASURES
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Commercial Buildings Breakout



NDEE Preliminary Priority Categories for Commercial Measures

PRIORITY CATEGORY	MEASURES
HIGH PRIORITY	<ul style="list-style-type: none">• Subsidies for parking lot solar to supply electricity to commercial buildings• Electrification/weatherization programs for commercial buildings
HAS POTENTIAL – LONGER TERM	<ul style="list-style-type: none">• Incentives for high-performance commercial buildings new/upgrades• Funding for solar - commercial, retail, non-profits particularly in low-income communities
LOWER IMPACT/ HIGHER DIFFICULTY	<ul style="list-style-type: none">• City Planning for more walkable cities, reducing empty spaces• Community-level ground source heating/cooling for multiple buildings or business districts• Expand eligibility for certain programs- e.g., LES sustainable program

Commercial Measures	Impact	LIDAC Impact	Ease of Implementation	Ease of Measurement	Priority
City Planning for more walkable cities, reducing empty spaces	Low	Low	Difficult	Difficult	Low
Community-level ground source heating/cooling for multiple buildings or business districts	Medium	Low	Difficult	Difficult	Low
Electrification/weatherization programs for commercial buildings	High	Low	Medium	Easy	High
Expand eligibility for certain programs- e.g., LES sustainable program	Low	Low	Difficult	Difficult	Low
Funding for solar - commercial, retail, non-profits particularly in low-income communities	Medium	Medium	Medium	Easy	Medium
Incentives for high-performance commercial buildings new/upgrades	Medium	Low	Medium	Difficult	Medium
Subsides for parking lot solar to supply electricity to commercial buildings	High	Low	Medium	Easy	High

Commercial Sector

HIGH

Community-level ground source heating/cooling for multiple buildings or business districts

Electrification/weatherization programs for commercial buildings
Subsidies for parking lot solar to supply electricity to commercial buildings

MEDIUM

Funding for solar - commercial, retail, non-profits particularly in low-income communities
Incentives for high-performance commercial buildings new/upgrades

LOW

City Planning for more walkable cities, reducing empty spaces
Expand eligibility for certain programs- e.g., LES sustainable program

DIFFICULT

MEDIUM

EASY

EASE OF IMPLEMENTATION

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Full Group

