

DRAFT- Dallas-Fort Worth Air Quality Improvement Plan Comprehensive Action Plan (CAP) Transportation Measures

As of October 14, 2025

This list of CAP Transportation Measures was developed by refining Transportation Measures published in March 2024 as part of the Dallas-Fort Worth Air Quality Improvement Plan; Priority Action Plan (PAP). NCTCOG staff considered regional stakeholder support, alignment with Mobility 2050, estimated emission reductions, and feasibility. For more information, including previous PAP measures, please visit www.publicinput.com/dfwqaip.

Category	Proposed CAP Measures		Estimated % of Measure's Contribution to Category's Reduction	Related Mobility 2050 Policies and Programs	Implementing Agencies	Estimated Cost Per Project	Explanation of Cost Estimate	Expected Community Benefits
	Measure Name	Project						
Measure Category 1: Vehicle/Equipment Technology Upgrades: Contributes 13% of the Goal to Reduce Emissions 25% by 2050	Measure 1: Expand Use of On-Road Alternative Fuel Vehicles	Expand Adoption of Light and Medium Duty Alternative Fuel Vehicles	30%	CF3-002, CF2-002, CF2-003	Public and Private Entities	\$ 50,000 - \$ 75,000	Cost Range of New Alternative Fuel Vehicle. Cost Varies Depending on Vehicle Type (Ex: Car vs Pickup Truck)	Economic Development; Improved Health and Well-Being; Increased Resiliency and Adaptability; Reduced Noise Pollution
		Expand Adoption of Medium and Heavy Duty Alternative Fuel Vehicles					Cost Range of New Alternative Fuel Vehicle. Cost Varies Depending on Vehicle Type (Ex: Step Van Vs. Transit Bus/18 Wheeler)	
	Measure 2: Reduce Emissions from Locomotives	Demonstrate a Zero Emission Locomotive	1%	CF3-002, CF2-003	Rail Operators	\$ 6,000,000 - \$ 12,500,000	Cost of Repowering Existing Locomotive or Purchasing One New Locomotive	Improved Health and Well-Being; Increased Resiliency and Adaptability
		Convert Tier 0/ Uncontrolled Switcher Locomotives to Tier 4 or Lowest Emitting Technology			Private Railroad Agencies	\$ 3,000,000 - \$ 12,500,000		
		Convert Existing Passenger Rail Locomotives to Tier 4 or Lowest Emitting Technology			Transit Agencies			
		Add Wayside Power to Trinity Railway Express			DART and Trinity Metro	\$5,000,000	Cost of 9 Wayside Power Units	
	Measure 3: Expand Use of Alternative Fuel Non-road Equipment	Expand Alternative Fuel Equipment Adoption: Engines >25hp	7%	CF3-004, CF2-002, CF2-003	Public and Private Fleets	\$ 60,000 - \$ 2,425,000	Cost Range of New Alternative Fuel Equipment. Cost Varies Depending on Equipment Type (Ex: Forklift vs Crane)	Economic Development; Improved Health and Well-Being; Increased Resiliency and Adaptability; Reduced Noise Pollution; Reduced Costs
		Expand Alternative Fuel Equipment Adoption: Engines <25hp			Public and Private Fleets and Residents	\$ 30 - \$ 500	Cost Range of New Alternative Fuel Equipment. Cost Varies Depending on Equipment Type (Ex: Weedwhacker vs Mower)	
	Measure 4: Expand Sources and Use of Low-Emitting Fuels	Expand Availability and Adoption of On-Road Low Emitting Fuels (Gasoline Alternatives)	5%	CF2-002, CF2-001	Public and Private Entities	\$2,195	Average Annual Cost of Alternative Fuels for Light Duty Vehicles Operating 15,000 Miles Annually	Economic Development; Improved Health and Well-Being; Increased Resiliency and Adaptability; Reduced Noise Pollution; Reduced Costs
		Expand Availability and Adoption of On-Road Low Emitting Fuels (Diesel Alternatives)		CF3-002, CF2-003	Public and Private Entities	\$4,533	Average Annual Cost of Alternative Fuels for Medium/Heavy Duty Vehicles Operating 30,000 Miles Annually	
	Measure 5: Implement Regional Emissions Compliance Program	Implement Law Enforcement Operations Focused on Illegal Engine Tampering and Emissions Compliance Activities	2%	AQ3-003, AQ3-004, AQ2-001	NCTCOG & Public Entities	\$8,000,000	Cost Represents Regional Implementation (i.e. Multiple Projects in the 10-County Ozone Nonattainment Region)	Improved Health and Well-Being; Increased Engagement and Awareness; Increased Safety; Reduced Noise Pollution
	Measure 6: Reduce Emissions from Airports	Increase Airport Accreditation, Establish Best Practices, and Increase Use of Sustainable Aviation Fuel	5%	AV3-003, AQ2-004, AV2-002	Airports	\$27,917,910	Annual Cost to Fuel a Boeing 737 With Sustainable Aviation Fuel (710 Gallons per hour at 3000 hours)	Economic Development; Increased Safety; Increased Resiliency Adaptability

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Measure Category 2: System Operations: Contributes 5% of the Goal to Reduce Emissions 25% by 2050	Measure 7: Optimize Transportation System Efficiency	Optimize Technology and Multimodal Connectivity	8%	FP3-004, FP2-004, TT2-001, FP2-001, TT2-005	Public Entities	\$5,000,000	Cost for One Project Implementation	Increased Access to Service; Economic Development; Increased Safety; Reduced Costs; Increased Resiliency and Adaptability; Improved Health and Well-Being; Reduced Noise Pollution
	Measure 8: Optimize Truck and Rail Flow	Improve Roadways with Features such as Improved Alignments, Roundabouts, Dedicated Turn Lanes, etc.	1%	MO3-001, FP2-004, TSSF2-002	Public Entities	\$40,000,000	Cost for Completion of One Project	Increased Access to Service; Economic Development; Increased Safety; Reduced Costs; Increased Resiliency and Adaptability; Improved Health and Well-Being; Reduced Noise Pollution
				FP3-014	TxDOT and Local Governments	\$40,000,000		
	Measure 9: Enhance Regional Traffic Signal Operations	Upgrade or Replace All Traffic Signal Equipment that do not Meet Regional Minimum Standard	11%	TSMO3-008, TSMO2-002, RD2-002	Public Entities	\$50,000,000	Cost to Upgrade/Replace All Traffic Signal Equipment that does Not Meet Regional Minimum Standards	Increased Access to Service; Economic Development; Increased Safety; Reduced Costs; Increased Resiliency and Adaptability; Improved Health and Well-Being; Reduced Costs
				TSMO-007, TSMO2-002, TSMO2-003, RD2-002	Public Entities	\$6,500	Cost for Upgrading One Signal	
				TR3-008, TSMO2-002, RD2-002	Public Entities	\$187,000	Cost of the Upgrading of One Route with Multiple Signals and Purchase Installation of Associated Vehicle Equipment	
Measure Category 3: Mode Shifts: Contributes 7% of the Goal to Reduce Emissions 25% by 2050	Measure 10: Expand Active Transportation Network	Improve and expand bicycle and pedestrian facilities, improving connections with major destinations	9%	BP3-001, BP2-002	Public Entities	\$2,000,000	Cost for One Project Implementation (i.e. One Trail, Off-Street Bikeway, Sidewalk)	Economic Development; Improved Health and Well-Being, Increased Access to Service; Increased Resiliency and Adaptability; Increased Safety; Increased Awareness and Engagement; Reduced Noise Pollution
	Measure 11: Reduce Vehicle Miles Traveled	Incentivize Commuting During Off Peak Times & Other Alternative Commute Methods	15%	SD3-006, TDM2-001, BP2-002	Employers	\$500,000	Cost for One Project Implementation	Economic Development; Improved Health and Well-Being; Increased Resiliency and Adaptability; Increased Safety
				AQ3-008, AQ2-005, TT2-004	Public Entities	\$1,000,000		
	Measure 12: Increase Access to Transit Service	Expand Transit Service Area	6%	MO3-001, CF2-006	Local Governments and Transit Agencies	\$1,125,000	Cost for One Transit Service Expansion/Frequency Project	Economic Development; Improved Health and Well-Being; Increased Access to Service; Increased Resiliency and Adaptability; Increased Awareness and Engagement; Reduced Costs
				TR3-007, TR3-008	Public Entities	\$8,000,000	Annual Cost for Regional Implementation	
				SD3-002, TDM2-001, SD2-001, EJ2-001	Public Entities	\$1,833,333	Cost of the Development of One Mobility Hub	

Measures from the PAP that were Removed from DFW AQIP CAP: Transportation Sector

NA	Green Purchasing/ Green Construction Program	Measure Removed From Plan; unable to clearly quantify emissions reductions potential
	Expand Landscaping, Vegetation and Tree Cover	Removed From Sector; Addressed as part of the Agriculture, Forestry, and Land Use Sector
	Develop Regional Transit Plan	Measure Removed From Plan; is a foundational step but does not provide quantifiable air quality benefits

DRAFT- Dallas-Fort Worth Air Quality Improvement Plan Comprehensive Action Plan (CAP) Energy Measures

As of 10/28/2025

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	Measure Name	Project					
Measure Category 1: Public Sector: Contributes 10% of Goal to Reduce Emissions 25% by 2050	Upgrade/Retrofit Energy Intensive Public Sector Equipment	Increase Energy Efficiency of Building HVAC Systems	25%	Public Entities	\$ 16,500	Cost for One Project Implementation	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being
		Expand Adoption of Energy Efficient Building Boilers		Public Entities	\$ 30,800	Cost for One Project Implementation	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being
		Increase Adoption of Heat Pumps in Buildings		Public Entities	\$ 17,600	Cost for One Project Implementation	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being
	Retrofit Non-LED Streetlights	Retrofit Non-LED Streetlights	8%	Local Governments	\$ 1,500	Cost for One Project Implementation	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being; Increased Safety
	Increase Energy Resiliency in The Public Sector	Expand Building Level Adoption of Energy Storage, Solar Microgrids, and Low Emitting Generators	18%	Public Entities	\$ 2,000,000	Cost to Install Resiliency System to Service 0.7MW of Demand	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being; Increased Safety
		Increase Adoption of Cool Roofs		Public Entities	\$ 34,425	Cost to Install Cool Roof Membrane on the Average Non Residential Building	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being; Community Beautification
		Increase Community Level Adoption of Renewable energy Microgrids, Energy Storage, and Vehicle to Grid Facilities		Public Entities, Electric Utilities	\$ 5,000,000	Cost to Install Resiliency System to Service 2.6MW of Demand	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being
Measure Category 2: Residential Sector: Contributes 8% of the Goal to Reduce Emissions 25% by 2050	Increase Energy Efficiency in Residential Buildings	Increase Utilization of Residential Energy Audits and Weatherization Rebate Programs	20%	Local Governments, Residents	\$ 4,367	Cost for One Project Implementation	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being
		Expand Adoption of residential Heat Pump HVAC Systems		Local Governments, Residents	\$ 4,405	Average Cost of Heat Pump HVAC System in a Single Family Home	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being; Reduced Costs
		Expand Adoption of Residential Solar Systems		Local Governments, Residents	\$ 2,750	Cost for One Project Implementation	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being
Measure Category 3: Private Sector: Contributes 8% of the Goal to Reduce Emissions 25% by 2050	Increase Energy Efficiency in the Private Sector	Increase the Utilization of Energy Assessments and Adoption of Building Energy Performance Management Plans	30%	Public Utilities	\$ 5,355	Cost to Conduct Energy Assessment for a 15,000 Square Foot Building	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being
		Accelerate the Adoption of ICC Codes <5 Years Old		Local Governments	\$1,500 - \$2,500	Range of Cost to Supply Updates Materials to Each Building Inspector	Increased Resiliency and Adaptability; Economic Development; Increased Awareness and Engagement
		Increase Energy Efficiency Certification for Data Centers		Private Entities	\$ 684,023	Cost of Technology Upgrades to Achieve 20% Reduction at a 10MW Data Center	Increased Resiliency and Adaptability; Economic Development; Improved Health and Well-Being; Reduced Noise Pollution

DRAFT- Dallas-Fort Worth Air Quality Improvement Plan Comprehensive Action Plan (CAP) Water and Wastewater Sector Measures

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Category	Proposed CAP Measures		Estimated % of Measure's Contribution to Category's Reduction	Implementing Agencies	Estimated Cost Per Project	Explanation of Cost Estimate	Expected Community Benefits
	Measure Name	Project					
Measure Category 1: Watershed Management: Contributes 8% of the Goal to Reduce Emissions 35% by 2050	Provide Economic Rebates for Green Infrastructure and Water-Efficient Landscaping in Commercial Properties	Provide Economic Rebates for Green Infrastructure and Water Efficient Landscaping	0.01%	Local Governments & Water Service Providers	\$ 200,000.00	Cost of rebate incentive	New Green Space/Community Beautification; Increased Resiliency/Ability to Adapt; Improved Health and Well-Being; Increased Awareness/Engagement; Increased Resiliency/Ability to Adapt
		Update Local Policy, Codes, Drainage Criteria and Ordinances			\$ -	N/A	New Green Space/Community Beautification; Increased Resiliency/Ability to Adapt; Improved Health and Well-Being; Increased Awareness/Engagement; Increased Resiliency/Ability to Adapt
		Install Smart Controls and Sensors to LID and Green Infrastructure to Analyze and Quantify Stormwater Collection Efforts			~\$.75 per sq foot of infrastructure	Cost of capital acquirement and installation	Green Spaces and Community Beautification, Job Creation and Economic Development, Increased Safety; Water Conservation; Increased Health and Well-Being; Increased Resiliency and Adaptability
		Update Building Standards for New Developments to Reduce Outdoor Irrigation Requirements			\$ -	N/A	TBD
	Increase Acreage of Native Plantings in Riparian Corridor Ecosystems	Restore, Protect and Maintain Riparian Corridor Ecosystems	0.39%	Local Governments & Applicable Water Districts	\$ 4,000,000.00	Cost of planting materials, supplies, and installation	Green Spaces and Community Beautification; Improved Health and Well- Being; Increased Safety
	Construct Stormwater Detention Basins	Construct Stormwater Detention Basins	3.95%	MS4 Permit Holders & Applicable Water Districts	\$ 4,000,000.00	Cost of construction equipment and dredging.	TBD
	Update Stormwater & Wastewater Conveyance Infrastructure	Install Smart Manhole Covers	4.09%	MS4 Permit Holders, Wastewater Service Providers	\$ 1,000,000.00	Cost of manhole covers and installation	Improved Health and Well-Being; Water Conservation; Increased Resiliency and Adaptability
		Phase Out Traditional Pipe Repair in Favor of Trenchless Pipe Rehabilitation			\$ 8,000,000.00	Cost of CIPP system supplies	Increased Resiliency and Adaptability

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	Measure Name	Project					
Measure Category 2: Water & Wastewater Treatment Infrastructure: Contributes 19% of the Goal to Reduce Emissions 35% by 2050	Improve Water & Waste Treatment Process Efficiency	Benchmark utility energy consumption using Energy Star Portfolio Manager or similar tools.**	19%	Water & Wastewater Service Providers	\$0 through Energy Star. Fees may vary for other services.	Energy Star Portfolio Manager is a free service	Job Creation and Economic Development; Increased Awareness and Engagement
		Develop Strategic Energy Management and Conservation Plan for Water Utilities**			\$10,000.00-\$20,000.00	Cost of consultant fees and software for benchmarking.	Job Creation and Economic Development; Increased Awareness and Engagement
		Update Aging Water/Wastewater Treatment Plant Infrastructure**			\$ 2,500,000.00	Cost of design, strategic planning, equipment, and installation	Increased Resiliency and Adaptability
		Increase On-Site Renewable Energy on Water/Wastewater Treatment Plant Sites**			\$ 5,000,000.00	Cost of design, strategic planning, equipment, and installation	Increased Resiliency and Adaptability; Improved Health and Well-Being
		Implement Bio-Gas Capture & Reuse in Wastewater Treatment Plants			\$ 3,500,000.00	Cost of design, strategic planning, equipment, and installation	Increased Resiliency and Adaptability

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	Measure Name	Project					
Measure Category 3: Wastewater Infrastructure: Contributes 33% of the Goal to Reduce Emissions 35% by 2050	Repair Aging or Failing On-site Sewage Facility Systems	Provide Financial Rebates to Upgrade OSSF	0.02%	Authorized Permitting Authorities	\$ 8,000.00	Cost of drain field, pipes, and installation	Improved Health and Well-Being; Increased Resiliency and Adaptability; Job Creation and Economic Development ; helps to reduce bacteria-related discharges in areas with related TMDLs
	Provide Sanitary Sewage Upgrades in Developing Areas with Existing On-Site Sewage Facility Systems	Provide Sanitary Sewage Upgrades in Developing Areas with Existing On-Site Sewage Facility Systems	0.006%	Wastewater Service Providers	\$ 6,000,000.00	Cost of sewer lines, hookup equipment and installation	Improved Health and Well-Being; Increased Resiliency and Adaptability; Job Creation and Economic Development ; helps to reduce bacteria-related discharges in areas with related TMDLs
	Improve Bio-Solids Management	Convert Biosolids From Wastewater Treatment into Bio-char	2%	Wastewater Service Providers	\$ 15,000,000.00	Cost of pyrolysis equipment	Increased Resiliency and Adaptability
		Divert Biosolids from Wastewater Treatment into Waste-to-Energy Facilities			\$ 15,000,000.00	Cost of biogas storage and processing infrastructure	Increased Resiliency and Adaptability
	Implement Methods for Non-Potable Water Reuse	Implement Methods for Non-Potable Water Reuse	27%	Wastewater Service Providers	\$ 50,000,000.00	Cost of pipelines and processing infrastructure	Improved Health and Well-Being; Increased Resiliency and Adaptability; Water Conservation
	Implement Building-Scale Rainwater Harvesting for Commercial and Municipal Buildings	Implement Building-Scale Rainwater Harvesting for Commercial and Municipal Buildings	4%		\$ 5,000.00	Cost of cistern, gutters, filters, and treatment equipment	Increased Resiliency and Adaptability; Improved Health and Well-Being; Water Conservation

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	Measure Name	Project					
Measures Category 4: Water Resources: Contributes 39% of the Goal to Reduce Emissions 35% by 2050	Improve Local Water Conservation	Utilize Automated Metering Infrastructure Identify and Repair Potential Sources of Water Loss	39%	Water Service Providers	\$ 20,000,000.00	Cost of metering system	Increased Resiliency and Adaptability; Water Conservation; Increased Awareness and Engagement
		Conduct a study on regional Aquifer Storage and Recovery Potential			\$ 6,000,000.00	Cost of land and equipment associated with construction of project	Improved resiliency and adaptability
		Develop Aquifer Protection and Land Preservation Efforts			\$ 1,500,000.00	Cost of land	Increased Resiliency and Adaptability; Improved Health and Well-Being
		Establish Property Water Conservation Audits and Smart Water Rebate Programs			\$ 460,000.00	Cost of rebates and auditing	Increased Resiliency and Adaptability; Improved Health and Well-Being; Water Conservation; Reduced Costs; Increased Awareness and Engagement
		Implement Municipal and Commercial Irrigation Repair Programs			Audits are sometimes free of charge on behalf of utilities. Can cost between \$75-\$300, depending on the number of irrigation zones	Repair costs	Increased Resiliency and Adaptability; Improved Health and Well-Being; Water Conservation; Reduced Costs; Increased Awareness and Engagement

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	Measure Name	Project										
Measures Removed from DFW AQIP CAP: Water & Wastewater Sector												
NA	Expand Contamination Detection and Pollution Prevention Measures	Measure Removed From Plan; The CAP is focused on the implementation of measures which provide quantifiable air quality benefits. This measure does not provide quantifiable benefits.										
	Pursue Energy-Efficient Disinfection Processes	Measure Removed from Plan; Energy-efficient processes are already addressed elsewhere in this sector; therefore, this measure was not needed.										
	Update Bio-Solids Management from Wastewater Treatment for Placement into Low Carbon Soils to Sequester Carbon Through Landfarming	Measure Removed From Plan; There are current concerns about PFAS contamination related to biosolids and land application.										

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	Measure Name	Project						
Measure Category 1: Organic Material: Contributes 29% of the Goal to Reduce Emissions 35% by 2050	Expand Compost Opportunities to Increase Waste Diversion Efforts	Expand Compost Opportunities to Increase Waste Diversion Efforts	21%	Public entities within NCTCOG jurisdiction	\$ 300,000.00	Cost of establishing locations and implementing program	Improved Health and Well-Being; Increased Resiliency and Adaptability; Increased Awareness and Understanding; Negligible Impact on Reducing Organic Waste Streams	
		Implement Concierge-Type Residential Organics Pickup with Diversion to Commercial Compost Operations		Public entities within NCTCOG jurisdiction	\$ 485,000.00	Cost of establishing partnerships and implementing program	Improved Health and Well-Being; Increased Resiliency and Adaptability; Increased Awareness and Understanding; Negligible Impact on Reducing Organic Waste at Landfill	
		Develop Regional Compost Facilities to Support Organic Diversion From Landfills		Public entities within NCTCOG jurisdiction	\$ 15,000,000.00	Cost of establishing facility	Improved Health and Well-Being; Increased Resiliency and Adaptability; Increased Awareness and Understanding; May Help Reducing Organic Waste Streams; Extends Landfill Life	
	Divert Organic Waste Into Waste-to-Energy Systems	Divert Organic Waste Into Waste-to-Energy Systems	8%	Public entities within NCTCOG jurisdiction	\$ 4,000,000.00	Cost of implementing technology	Increased Resiliency and Adaptability; Job Creation and Economic Benefits, Better Carbon Capture Related to Embodied Carbon in Construction Materials	

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Measure Category 2: Construction & Demolition: Contributes 22% of the Goal to Reduce Emissions 35% by 2050	Expand Regional Construction Material Recycling Efforts	Expand Regional Construction Material Recycling Efforts	22%	Public entities within NCTCOG jurisdiction	\$ 20,600,000.00	Cost of establishing facility	Increased Resiliency and Adaptability, Better Carbon Capture Related to Embodied Carbon in Construction Materials; Extends Landfill Life	
		Partner with Construction Companies That Prioritize Low-Waste Techniques into Their Projects		Public entities within NCTCOG jurisdiction through regional Public Works Committee	N/A		Increased Resiliency and Adaptability, Better Carbon Capture Related to Embodied Carbon in Construction Materials; Extends Landfill Life	
		Adopt Contract Requirements to Prioritize Deconstruction Methods Over Demolition Practices Where Feasible		Public entities within NCTCOG jurisdiction through regional Public Works Committee	N/A		Increased Resiliency and Adaptability, Better Carbon Capture Related to Embodied Carbon in Construction Materials; Extends Landfill Life	
Measure Category 3: Waste Disposal Facilities and Processes: Contributes 25% of the Goal to Reduce Emissions 35% by 2050	Implement Western Regional Resource Management Center	Implement Western Regional Resource Management Center	5%	Public entities within NCTCOG jurisdiction	\$ 20,600,000.00	Cost of establishing facility	Improved Health and Well-Being, Increased Resiliency and Adaptability; Better Carbon Capture Related to Embodied Carbon in Construction Materials; Extends Service in Underserved Part of the Region; Siting will Need to Incorporate LIDAC Analyses and Local Input to Reduce Impacts	
		Expand Transfer Station Infrastructure at Landfills in the Western Region		Public entities within NCTCOG jurisdiction through Resource Conservation Council	\$ 52,500,000.00	Cost of establishing facility	Increased Resiliency and Adaptability, Reduces GHG generation and Leachate; May Reduce Waste Hauling Traffic	
	Implement Landfill Gas Collection & Management Systems	Implement Landfill Gas Collection & Management Systems	20%	Public entities within NCTCOG jurisdiction	\$ 24,300,000.00	Cost of implementing technology	Improved Health and Well-Being, Increased Resiliency and Adaptability; Better Carbon Capture Related to Embodied Carbon in Construction Materials; Extends Service in Underserved Part of the Region; Siting will Need to Incorporate LIDAC Analyses and	
		Utilize Efficient Landfill Seals and Cover		Public entities within NCTCOG jurisdiction	\$ 24,300,000.00	Cost of implementing technology	Increased Resiliency and Adaptability, Reduces GHG generation and Leachate; Extends Landfill Life; Note: May be Part of Normal Anticipated Landfill Operation Costs; Reduces Local Impacts from Landfill Operations	
		Consider Buffers and More Appropriate Zoning for Landfills Near Residential Areas		Public entities within NCTCOG jurisdiction through Regional Codes Committee	N/A		Increased Resiliency and Adaptability, Reduces GHG generation and Leachate; Extends Landfill Life; Note: May be Part of Normal Anticipated Landfill Operation Costs	

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Measure Category 4: Recycling: Contributes 24% of the Goal to Reduce Emissions 35% by 2050	Upgrade Existing Facilities to Optimize Load Weights	Upgrade Existing Facilities to Optimize Load Weights	2%	Public entities within NCTCOG jurisdiction through Resource Conservation Council	\$ 15,000,000.00	Cost of upgrading facility	Increased Resiliency and Adaptability, Reduces GHG generation and Leachate; Extends Landfill Life; Note: May be Part of Normal Anticipated Landfill Operation Costs	
	Construct Additional Recycling Centers Across the Region	Construct Additional Recycling Centers Across the Region	20%	Public entities within NCTCOG jurisdiction through Resource Conservation Council	\$ 23,000,000.00	Cost of establishing facility	Increased Resiliency and Adaptability, Reduces GHG generation and Leachate; May Reduce Waste Hauling Traffic	
	Expand Tire Recycling Efforts	Expand Tire Recycling Efforts	2%	Local governments	\$ 50,000.00	Cost of establishing facility	Increased Engagement/Awareness, New Green Space/Community Beautification	

DRAFT- Dallas-Fort Worth Air Quality Improvement Plan Comprehensive Action Plan (CAP) Materials Management Sector Measures

As of October 28, 2025

These measures were developed by refining measures published in March 2024 as part of the Dallas-Fort Worth Air Quality Improvement Plan; Priority Action Plan (PAP). To refine these measures, regional stakeholder support, estimated emission reductions, and feasibility were considered. For more information, including previous PAP measures, please visit www.publicinput.com/dfwaqip.

Category	Proposed CAP Measures		Estimated % of Measure's Contribution to Category's Reduction	Implementing Agencies	Estimated Cost Per Project	Explanation of Cost Estimate	Expected Community Benefits				
	Measure Name	Project									
Measures Removed from DFW AQIP CAP: Materials Management Sector											
NA	Expand Waste Diversion Collection Networks to Support Multi-Family Dwellings		Measure Removed from Plan; Diversion efforts supporting multi-family are already addressed elsewhere in this sector; therefore, this measure was not needed.								
	Implement Local Policy to Require Trip Planning to Reduce VMT from Waste-Hauling Processes		Measure Removed from Plan; Projects and measures associated with VMT reductions are covered in the Transportation sector								
	Convert Waste Trucks to Lower-Emission Vehicles		Measure Removed from Plan; Projects and measures associated with lower-emission vehicles are covered in the Transportation sector								

DRAFT- Dallas-Fort Worth Air Quality Improvement Plan Comprehensive Action Plan (CAP) Agriculture, Forestry, and Land Use Sector Measures
As of October 28, 2025

These measures were developed by refining measures published in March 2024 as part of the Dallas-Fort Worth Air Quality Improvement Plan; Priority Action Plan (PAP). To refine these measures, regional stakeholder support, estimated emission reductions, and feasibility were considered. For more information, including previous PAP measures, please visit www.publicinput.com/dfwaqip.

Category	Proposed CAP Measures		Estimated % of Measure's Contribution to Category's Reduction	Implementing Agencies	Estimated Cost Per Project	Explanation of Cost Estimate	Expected Community Benefits
	Measure Name	Project					
Measures Category 1: Green Space & Land Use: Contributes 34% of the Goal to Reduce Emissions 15% by 2050	Incentivize Private Green Space	Incentivize Commercial Property Owners to Maintain or Create Green Spaces	30%	Public entities in NCTCOG jurisdiction	\$ 200,000.00	Cost of financial incentives	Increased Resiliency and Adaptability; Green Spaces and Community Beautification; Improved Health and Well-Being; Reduced Costs
		Preserve and Restore Acres in Historic Cemeteries		Cemetery property owners in collaboration with non-profit and private organizations	\$ 800,000.00	Cost of planting supplies and maintenance equipment	Increased Resiliency and Adaptability; Green Spaces and Community Beautification; Improved Health and Well-Being; Water Conservation
	Promote Public Green Space Conservation	Acquire public land through public-private partnerships to increase the acreage of parkland per resident.	2%	Public entities in NCTCOG jurisdiction, private property owners	\$ 50,000,000.00	Cost of land, planning, and park development	Increased Resiliency and Adaptability; Green Spaces and Community Beautification; Improved Health and Well-Being; Reduced Costs
		<i>Integrate Air Quality Review into Zoning and Permitting Review</i>		Local governments	\$ -	N/A	Increased Awareness and Engagement; Increased Resiliency and Adaptability
		<i>Utilize Smart Growth and/or Transect-Based Codes to Promote Environmental Analysis in Development</i>		Local governments	\$ -	N/A	Green Spaces and Community Beautification
	Support Park Management and Maintenance	Implement Low Mow and No Mow Zones	2%	Public entities in NCTCOG jurisdiction, specifically local governments and property owners	\$ 250.00	Cost of initial restoration to prairie	TBD
		<i>Develop Best Management Practices Guide for Parks Management and Maintenance</i>		Public entities in NCTCOG jurisdiction	\$ 1,000.00	Cost of printing the guide	Increased Resiliency and Adaptability; Green Spaces and Community Beautification; Improved Health and Well-Being; Reduced Costs

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Category	Proposed CAP Measures		Estimated % of Measure's Contribution to Category's Reduction	Implementing Agencies	Estimated Cost Per Project	Explanation of Cost Estimate	Expected Community Benefits
	Measure Name	Project					
Measure Category 2: Forestry: Contributes 17% of the Goal to Reduce Emissions 15% by 2050	Increase Urban Forest Canopy	Establish Tree Canopy Goals and Benchmarks	17%	Public entities in NCTCOG jurisdiction	\$ 630,000.00	Cost of planting supplies and maintenance equipment	Increased Resiliency and Adaptability; Green Spaces and Community Beautification; Improved Health and Well-Being
		<i>Adopt Tree Ordinances that Promote Urban Forestry in the Built Environment</i>		Public entities in NCTCOG jurisdiction, specifically local governments	\$ -	N/A	Green Spaces and Community Beautification
		Develop Tree Canopy Assessments		Public entities in NCTCOG jurisdiction	\$30,000.00-\$45,000.00	Cost of assessment software and equipment, staff/consultant fees	Increased Resiliency and Adaptability; Green Spaces and Community Beautification; Improved Health and Well-Being; Reduced Costs
Measure Category 3: Agriculture: Contributes 49% of the Goal to Reduce Emissions 15% by 2050	Update Agricultural Management Practices	Update Agricultural Technology and Equipment	49%	Public entities in NCTCOG jurisdiction	\$ 40,000.00	Cost of upgrading equipment	Green Spaces and Community Beautification; Increased Resiliency and Adaptability
		<i>Implement Regenerative Agriculture Certification Program</i>		Public entities in NCTCOG jurisdiction	\$ 10,000.00	Cost of training materials and staff time	Green Spaces and Community Beautification; Increased Resiliency and Adaptability; Improved Health and Well-Being
		Implement Neighborhood and Community Growing Practices		Public entities in NCTCOG jurisdiction	\$ 20,000.00	Cost of planning, planting/implementation, maintenance	Increased Awareness and Engagement; Increased Resiliency and Adaptability; Green Spaces and Economic Development; Increased Access to Service and Amenities

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Category	Proposed CAP Measures		Estimated % of Measure's Contribution to Category's Reduction	Implementing Agencies	Estimated Cost Per Project	Explanation of Cost Estimate	Expected Community Benefits				
	Measure Name	Project									
Measures Removed from DFW AQIP CAP: Agriculture, Forestry, and Land Use Sector											
NA	Upgrade Governmental Buildings to Utilize Biophilia Through Green Walls, Rooftops, and other Site Surfaces		Measure Removed from Plan; Projects and measures associated with cooling buildings are covered in the Energy sector								
	Update Codes and Zoning Requirements to Promote Green Space Conservation and Preservation		Measure Removed from Plan; The CAP is focused on the implementation of measures that provide quantifiable air quality benefits. This measure does not provide quantifiable benefits.								