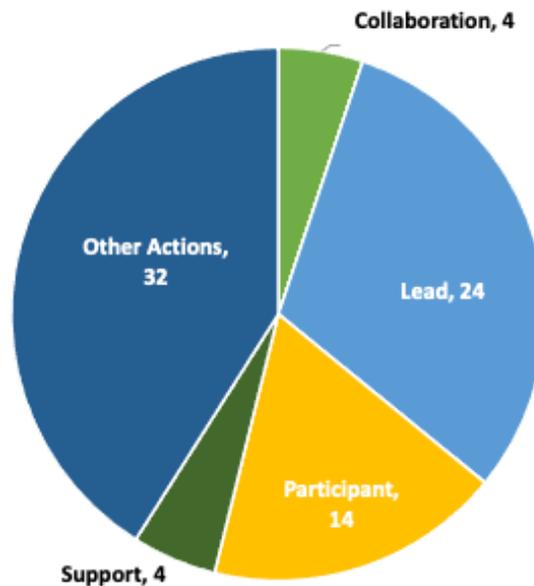


## Appendix D: Summary of Municipal Actions - Township of North Dumfries

Within the TransformWR Strategy, there are a total of 78 action items outlined in the 10 Year Plan.

Of these 78 action items, the Township of North Dumfries has responsibilities outlined in the following ways:

- Lead organization for 24 action items
- Collaborating organization for 4 action items
- Supporting organization for 4 action items
- Participating organization for 14 action items



The following table shows the specific action items associated with the Township of North Dumfries.

**Lead Organization:**

These organizations will take the lead on planning and implementing the action item, gathering support, and identifying additional collaborators or supporters to drive progress. They will also lead the identification and monitoring of success metrics through the ClimateActionWR collaborative.

*Note: Many action items name more than one Lead organization, and in most cases where a municipality is identified, all Area Municipalities and often the Region of Waterloo are also listed as Leads.*

Action	Role
Action 1.1.1: Plan a network of major active transportation corridors across cities and townships, that will provide high-volume priority travel for walking, cycling, and rolling to key destinations across the region, as well as access to public transit.	Lead
Action 1.1.2: Plan for and build neighbourhood connections to the active transportation network.	Lead
Action 1.1.3: Implement further policies across the region to prioritize active transportation in road and trail design and reconstruction.	Lead
Action 1.1.4: Identify and implement policy and program opportunities to de-incentivize driving.	Lead
Action 1.1.5: Design and maintain active transportation infrastructure to ensure year-round access, safety, and comfort for people of all abilities.	Lead
Action 1.2.4: Connect people to intercity, multimodal, and emerging transportation solutions.	Lead
Action 1.3.1: Launch micro mobility systems (bike, e-bike and e-scooter-sharing systems) in Waterloo Region communities.	Lead
Action 1.3.4: Develop active transportation and transit programs that target equity-deserving communities.	Lead
Action 1.5.1: Create “15 minute neighbourhoods” where people can meet their daily needs by walking, cycling, or rolling.	Lead
Action 1.5.2: Implement design standards for new developments to build for walking, cycling, and rolling to be the primary mode of travel.	Lead

Action	Role
Action 2.1.2: Plan and begin to implement a transition to zero emission vehicles for municipal fleets, working towards a goal of at least half of municipal vehicles being zero emissions by 2030.	Lead
Action 2.2.2: Require all new residential parking spaces, and a portion of new non-residential parking spaces, to be constructed as "EV-ready".	Lead
Action 3.1.9: Offer innovative loans for energy-related residential and commercial building upgrades.	Lead
Action 3.2.3: Develop region-wide building standards to encourage and support zero-carbon development of all new buildings in the region.	Lead
Action 3.2.4: Incorporate energy planning considerations into the development application review process.	Lead
Action 3.2.7: Show leadership by building net-zero carbon in the public sector.	Lead
Action 4.2.1: Implement community waste reduction and circular economy campaigns.	Lead
Action 4.2.4: Reduce unnecessary building demolitions and construction waste.	Lead
Action 5.1.1: Continue to develop and enforce robust land use planning protections for prime agricultural land.	Lead
Action 5.3.1: Support the reduction of GHG emissions from livestock, and develop methane capture and energy production from manure.	Lead
Action 6.1.1: Establish metrics to measure progress on increasing equity through GHG reduction initiatives in our community.	Lead
Action 6.1.3: Fund a climate justice committee led by community members from equity-seeking groups.	Lead
Action 6.1.5: Collaborate with Mennonite communities in the rural townships to build customized energy transition support to meet their unique needs.	Lead
Action 6.5.1: Bring community organizations and local government together to collectively identify and communicate advocacy priorities to multiple levels of government.	Lead

### Collaborating Organization:

These organizations will work with the lead organization to drive progress toward the goals/metrics, and contribute to the reporting process as relevant to their work.

Action	Role
Action 1.2.2: Ensure priority access for walking, cycling, and rolling to transit stations and bus stops.	Collaboration
Action 1.3.3: Create community active transportation hubs to provide customized support, education, training, and resources.	Collaboration
Action 2.1.1: Complete a region-wide electric vehicle strategy.	Collaboration
Action 3.1.10: Create a one-window service to support energy-related upgrades for homes and businesses.	Collaboration

### Supporting Organization:

These organizations will provide support to the lead and collaborating organizations, on an as-needed basis, to drive progress toward the metrics associated with the action items.

Action	Role
Action 1.4.1 Increase the efficiency of commercial goods movement.	Support
Action 2.1.5: Develop and implement an electric vehicle public outreach and communication strategy for personal vehicles.	Support
Action 3.1.5: Identify and implement necessary supports to transition anyone still using fuel oil, or propane for heating to other fuel sources by 2025.	Support
Action 6.1.4: Provide specialized resources/support to organizations on prioritizing equity while planning their transition.	Support

### Participating Organization:

Being listed as a Participating Organization means your municipality will have a role in conducting this work from the perspective of an organization, in the same way that other organizations and businesses within the community are being asked to participate in these action items.

Action	Role
Action 1.3.2: Expand and innovate on existing programming (e.g. Travelwise) that supports employers and employees in making active transportation and transit the easy and preferred choice for commuting and business travel.	Participant
Action 1.3.5: Post-pandemic continued adoption of work from home and flexible work schedules for reducing trips or shifting trips to off-peak times.	Participant
Action 1.5.3: Site key community services, health facilities, subsidized housing, etc., in central areas where they can be easily accessed using the active transportation and public transit systems.	Participant
Action 2.1.3: Plan and begin to implement the transition of commercial vehicle fleets to zero emissions vehicles.	Participant
Action 2.2.1: Provide more public electric vehicle charging stations in public spaces, commercial spaces and other places visited by the public.	Participant
Action 3.1.2: Implement a public literacy campaign to explain and promote the adoption of electric heat pumps for space and water heating in residential and commercial buildings.	Participant
Action 3.1.3 Switch home and business heating and water heating off of fossil fuels.	Participant
Action 3.1.6: Install renewable energy generation in business and residential buildings.	Participant
Action 4.1.3: Support the use of compost/organics collection programs for all commercial buildings.	Participant
Action: 5.4.2: Provide a variety of low GHG food options plant-based dining options in local restaurants, grocery stores, and catered events.	Participant
Action 6.1.2: Incorporate education on sustainability justice and equity into climate action planning.	Participant

Action	Role
Action 6.1.6: Build reciprocal relationships between Indigenous groups and local municipalities and climate action organizations to ensure GHG reduction work is done in equitable ways that respect the land and traditions of Indigenous groups.	Participant
Action 6.1.8: Apply an equity lens to all the actions in this transformation.	Participant
Action 6.3.4: Evaluate how to identify and protect optimal areas for industrial-scale renewable energy generation.	Participant