# Cleveland Climate Action Plan Dashboard User Guide

The City of Cleveland has partnered with ICLEI USA, the largest global network of local governments devoted to solving sustainability challenges, to create the Cleveland Climate Action Plan (CAP) Dashboard. This interactive, user-friendly dashboard will allow Cleveland to share regular updates on climate action taking place across the City.
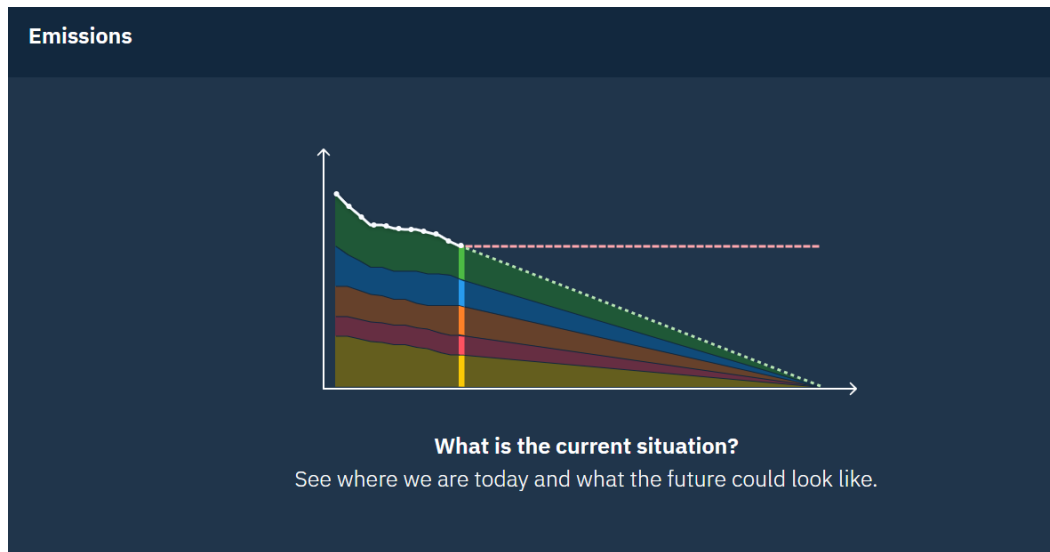
A simplified version of this guide is also available.
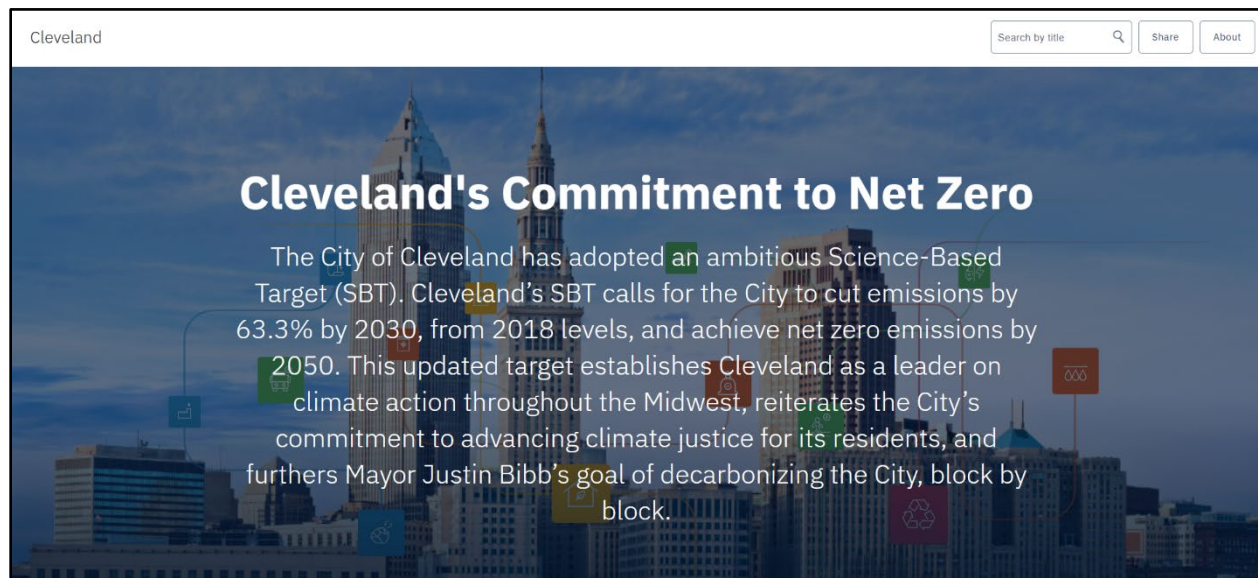
The Cleveland CAP Dashboard enables us to bring together data on greenhouse gas (GHG) emissions, climate strategies, and policies into a single platform, making it easier to clearly and transparently track progress toward our climate goals. The platform helps us to report on the implementation of CAP update, enables stakeholders to clearly understand their role in implementing CAP actions, and helps the public see what progress is being made.
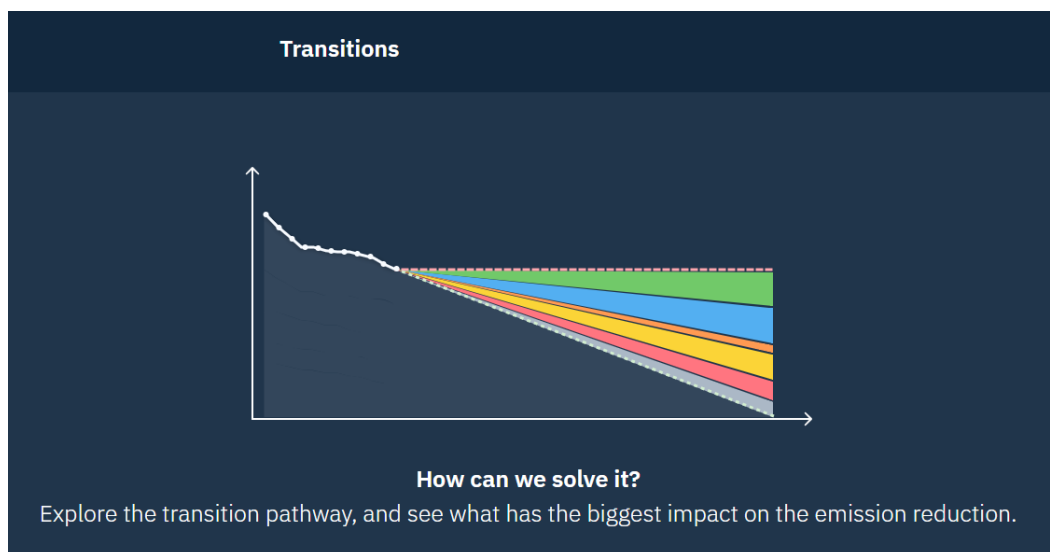
The platform shares information through a few key terms, some of which differ from the language used in the CAP. This user guide will help individuals navigate the dashboard, understand key terms, and learn how to stay up to date on the CAP.

Emissions

Emissions

What is the current situation?
See where we are today and what the future could look like.

The City of Cleveland is using the dashboard to track and report out on GHG emissions from sources and activities occurring across the City each year. The City of Cleveland has uploaded annual GHGs from 2010 to 2022, and it will add emissions on an annual basis going forward. For more information on the City's GHG inventory, review the 2022 GHG Emissions Summary Memo. You can also download Cleveland's GHG inventories for 2010-2022 from the City of Cleveland's Open Data Portal.

Transitions
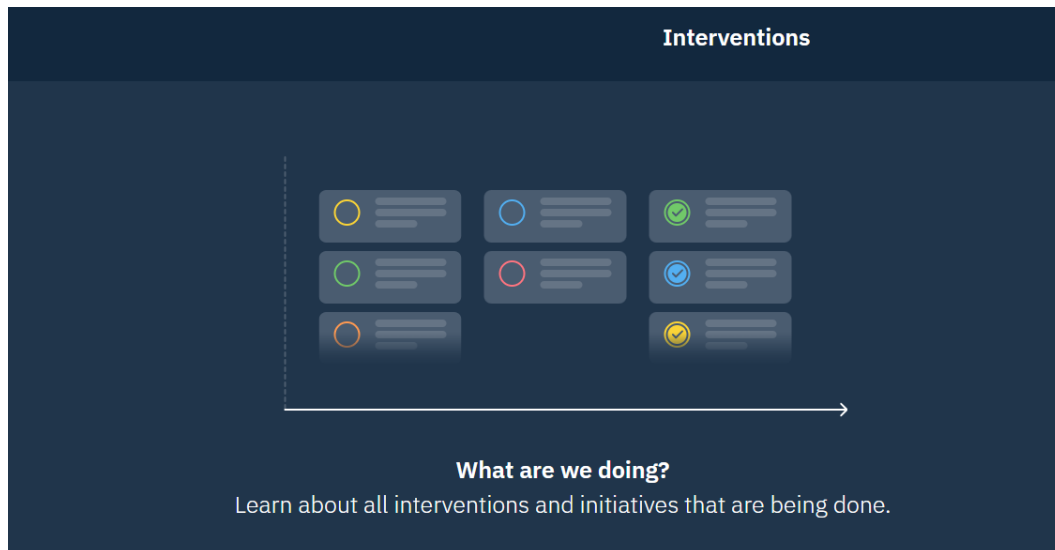

Transitions

How can we solve it?
Explore the transition pathway, and see what has the biggest impact on the emission reduction.

Transitions form the foundation of Cleveland's Climate Action Plan, representing shifts from activities that produce large amounts of GHG emissions to low to zero emissions activities. These transitions, which correspond to the Goals and Objectives from Cleveland's CAP, include clear targets and projected GHG reductions that allow the City to track progress over time. For

more information on the goals and objectives in the CAP, review the [CAP Snapshot](). You can also download data on emissions reductions from transitions from the [City's Open Data Portal]().

Interventions

[Interventions]() are the policies, projects, initiatives and commitments to make the transition happen. Where Transition Elements define the "what" Cleveland plans to do, interventions describe the "how" the City plans to do it. Interventions correspond to CAP Actions.

Navigating the Dashboard

Visitors to the Dashboard will first land on the homepage, which introduces you to the platform and allows you to review Emissions, Transitions, or Interventions.

To find additional information on the Dashboard, including definitions of key terms, click on the **About** box in the upper right-hand corner of the homepage.

If you are looking for a specific topic, such as actions (interventions) that involve bikes, you can use the **Search Box** on the top of the homepage.

Navigating the Emissions Tab
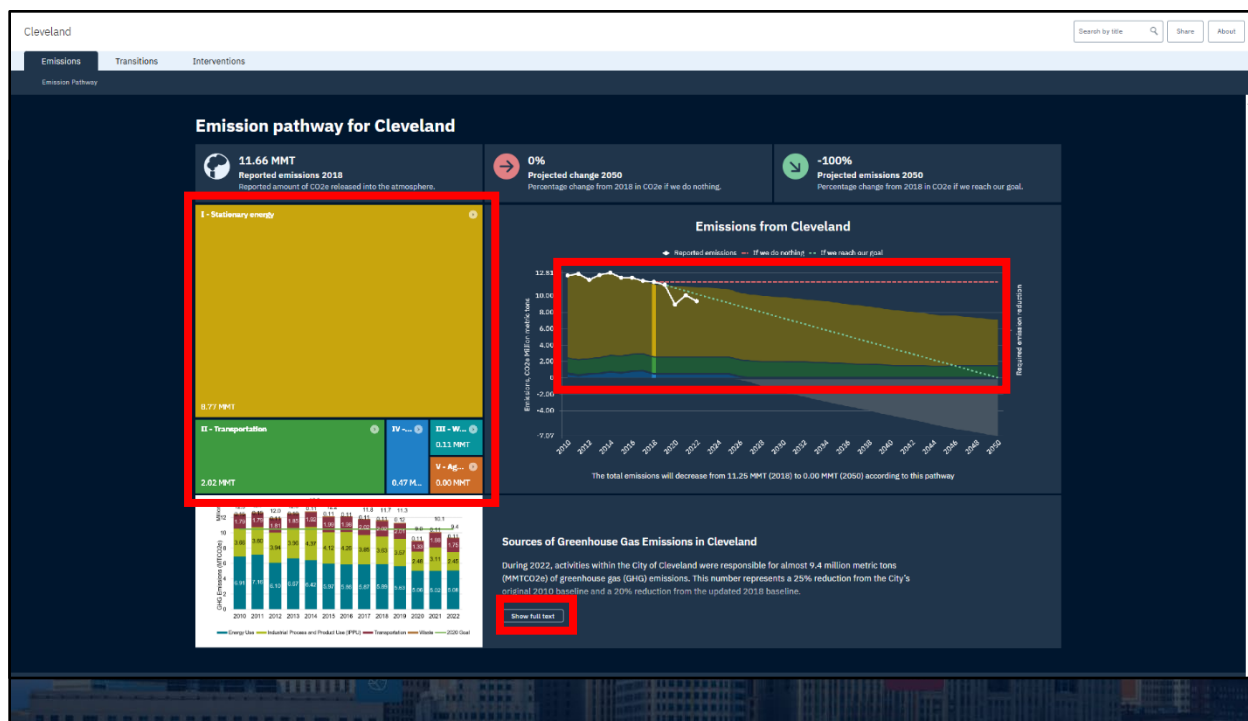
To learn more about the sources of climate pollution emissions within the City of Cleveland, head to the **Emissions** page. This page combines information on GHG emissions from across the City from 2010-2022, broken down by sector, which are components of the community or economy associated with GHG emissions, such as transportation or solid waste. It shows you how emissions have changed since 2010, the projected change in emissions by 2050 if we do not take additional actions, and the projected change in emissions by 2050 if we implement all of actions outlined in the CAP.

The Dashboard expresses climate pollution in million metric tons of carbon dioxide equivalent (MMTCO$_2$e), which provides a uniform way to share information on emissions of different greenhouse gases, such as carbon dioxide (CO$_2$) and methane (CH$_4$).

To read more about the GHG emissions in the City of Cleveland, click the Show Full Text box at the bottom of the Emissions page.

You can also dig into emissions from each sector by clicking on either the colored boxes on the left-hand side of the page or the colored wedges on the emissions chart.

Emissions > Sector

When you click on a sector, such as Stationary Energy, you will go to the landing page for that sector. This page will include information on emissions from sources within that sector, how they

have changed since 2010, the projected change in emissions by 2050 if we do not take additional actions, and the projected change in emissions by 2050 if we implement all of actions outlined in the CAP.

To read more about each sector, click the Show Full Text box at the bottom of the sector page.

You can also dig into emissions from different sources within each sector by clicking on either the boxes on the left-hand side of the page or the wedges on the emissions chart.

To return to the Emissions page, click on the Emissions Pathway link at the top of the page.

Navigating the Transitions Tab
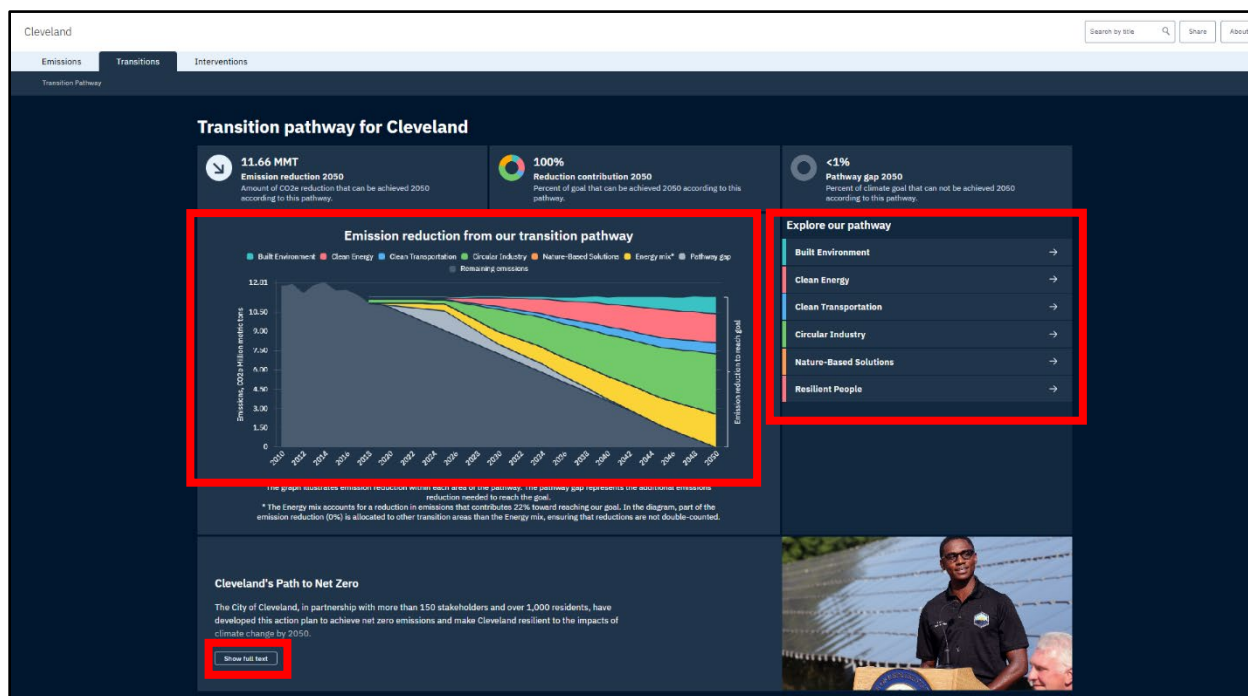
To learn more about the goals and objectives that Cleveland has identified to achieve net zero, head to the **Transitions** page. This page provides information on these goals and objectives, broken down by CAP focus area: Built Environment, Clean Energy, Clean Transportation, Circular Industry, Nature-Based Solutions, and Resilient People. It illustrates projected emissions reductions through 2050 associated with goals and objectives from each Focus Area.

To read more about the City of Cleveland's Path to Net Zero, click the Show Full Text box at the bottom of the Transitions page.

You can also dig into the goals and objectives from each focus by clicking on either the tabs on the right-hand side of the page or the colored wedges on the emissions chart. This chart also includes two additional wedges. The yellow Electricity wedge shows the emissions reductions that will occur as the electricity grid becomes cleaner over time. The light gray "Remaining emissions" wedge shows the gap between the City's emissions targets and the projected emissions savings from transitions. This gap disappears by 2040.

NOTE: There are no emissions reductions associated with the Resilient People transitions, as this Focus Area addresses ways to make Clevelanders more resilient to the impacts of climate change. This Focus Area does not correspond to any major sources of GHG emissions, and the objectives focus on avancing resilience, climate justice, and equity.

Transitions > Focus Area
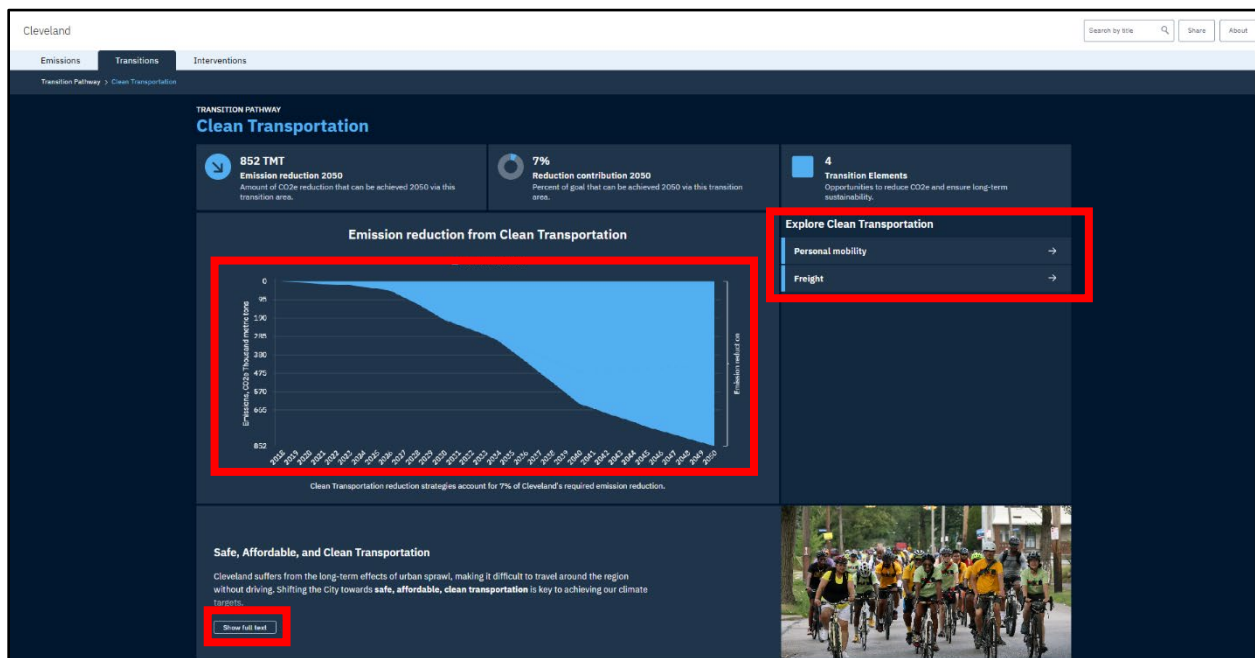
When you click on a Focus Area, such as Clean Transportation, you will go to the landing page for that area. This page will include information on the different transitions associated with the focus area and the projected change in emissions by 2050 if we implement these transitions.

To read more about each Focus Area, click the Show Full Text box at the bottom of the page.

You can also dig into the different transitions within each Focus Area by clicking on either the boxes on the right-hand side of the page or the wedges on the emissions chart.

To return to the Transitions page, click on the Transition Pathway link at the top of the page.
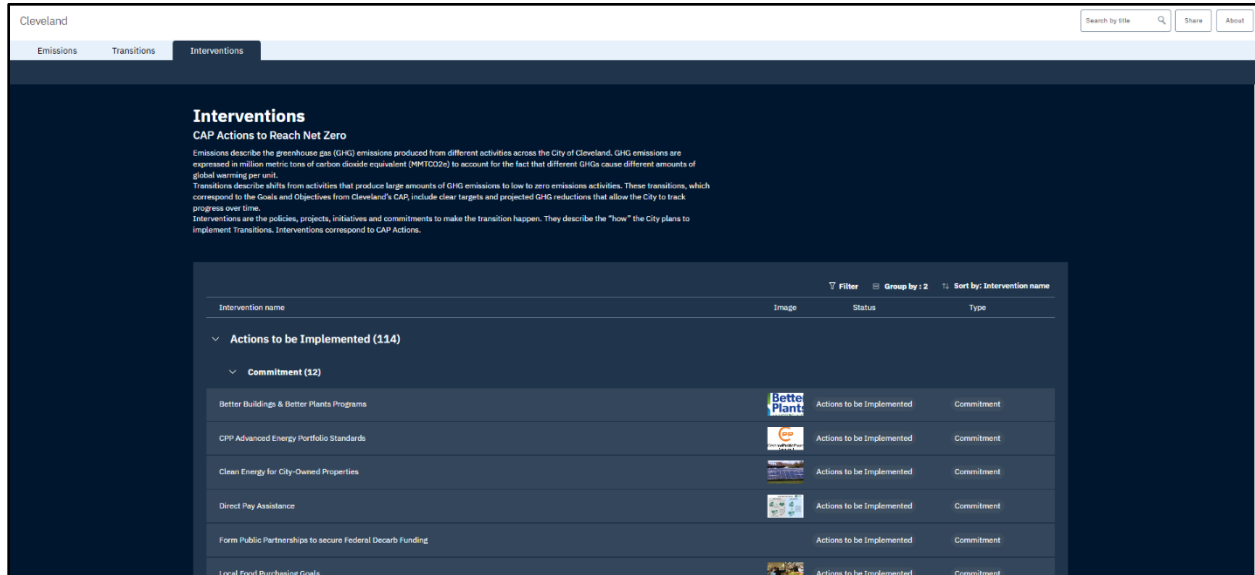

Navigating the Interventions Tab

To learn more about the 163 actions that Cleveland has identified to help us reach net zero, head to the **Interventions** page. This page provides information on each of these actions, including what kind of action they are (Commitment, Financing Intervention, Policy, Information Intervention, Project, Research and Development, and Administrative Intervention), and whether they are To Be Implemented, are Being Implemented, or are Completed.

You can also dig further into each action by clicking on the name. This will open a box on the specific action that provides a summary of the action, the type of action, its status, implementing stakeholders, when implementation should be complete, a link to read more (if available), and the Transitions each action supports.

To return to the Interventions page, click on the arrow at the top right corner of the pop-up box for the action.
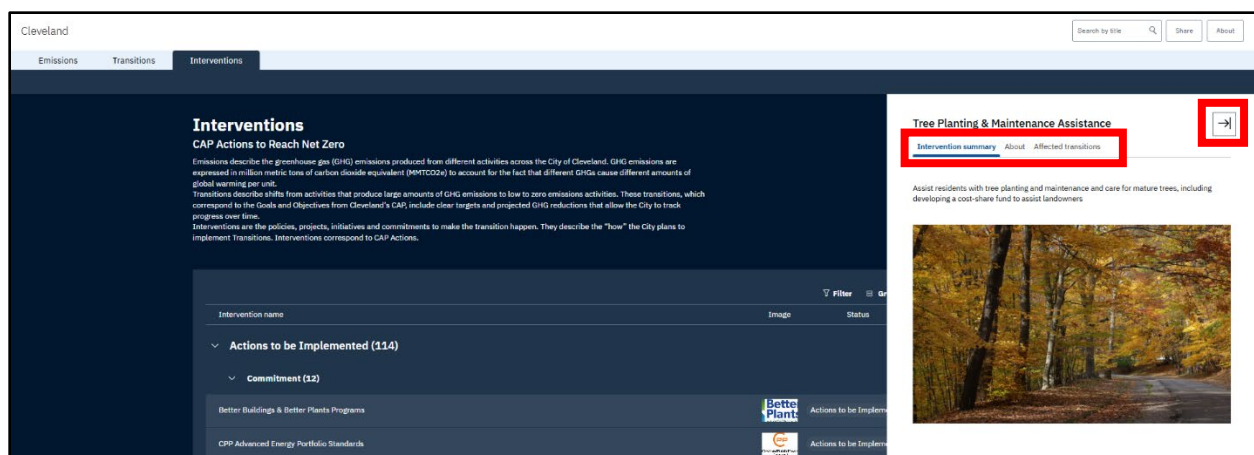
There is also a video tutorial is also available for Dashboard users.

If you have questions or would like additional information on the Cleveland CAP or CAP Dashboard, contact the Mayor's Office of Sustainability and Climate Justice at sustainability@clevelandohio.gov.