

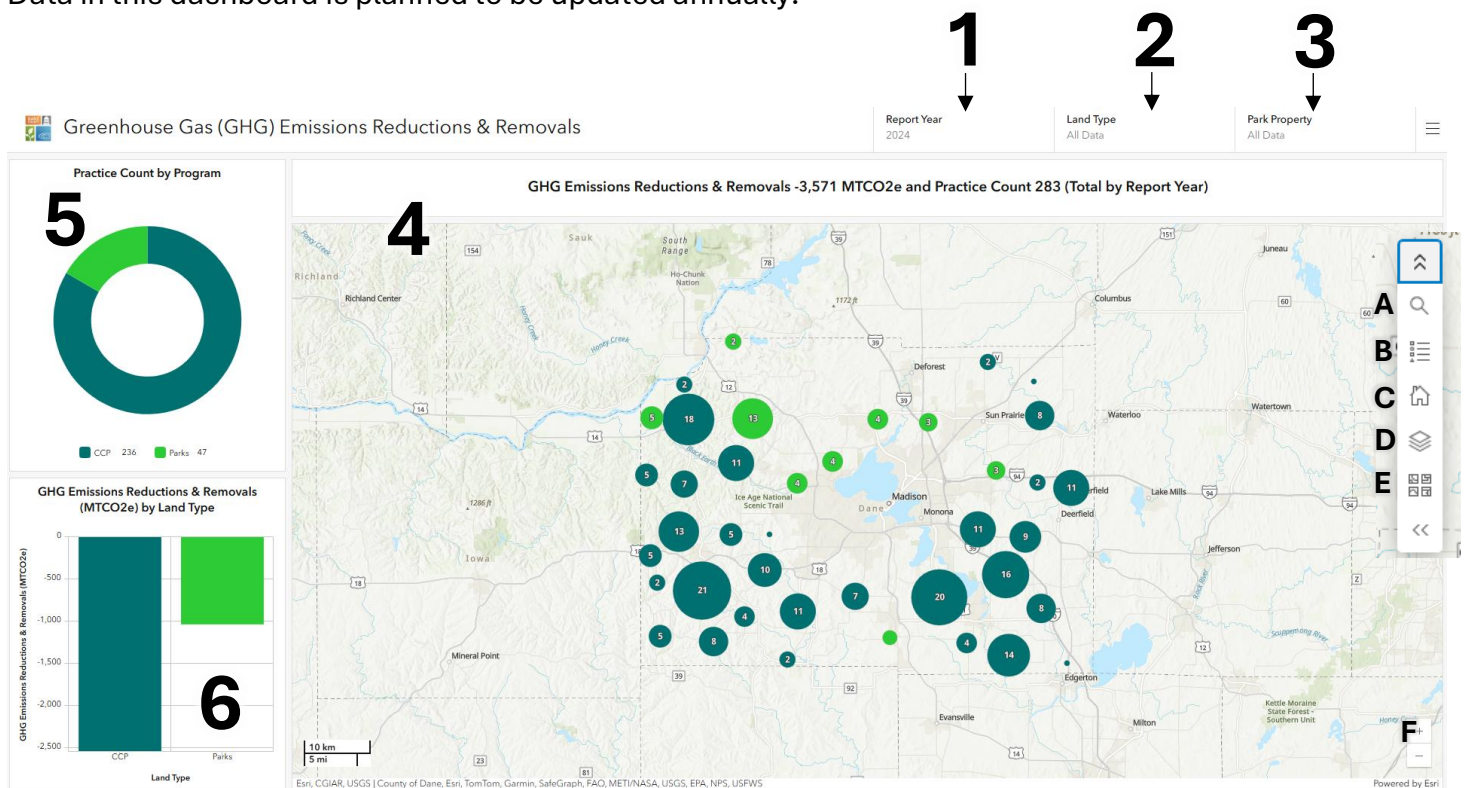
Greenhouse Gas Emissions Reduction Dashboard

Dane County Land & Water Resources Department

Version 1.2

Description

The Greenhouse Gas (GHG) Emissions Reductions & Removals Dashboard summarizes GHG reductions and removals from the Continuous Cover Program and prairie restorations within Dane County Parks. Data in this dashboard is planned to be updated annually.



How to Use

Below are descriptions for the areas labeled with numbers/letters in the image above.

1. GHG reductions for the selected report year.
All elements of the dashboard are displayed (aka filtered) by the report year. Reporting began in 2024, with plans for annual updates. The GHG Emissions Reductions and Practice Count above the map displays total values throughout Dane County for the selected reporting year.
2. GHG reductions for Land Type.
Filters all elements of the dashboard by Continuous Cover Program (CCP) or prairie restorations in Dane County Parks (Parks)
3. GHG reductions by Park Property
Zooms into specific park field selected.
4. Map shows the approximate locations of practices implemented through CCP and on Dane County Parks to reduce GHG emissions. The circles are a cluster that represent the number of

practices in that surrounding area--the larger the circle, the more practices. Note, CCP practices do not show the exact locations for anonymity.

- A. Search
- B. View legend
- C. Return to default map extent (Home)
- D. Layers
- E. Change basemap
- F. Zoom in/out- zooming into the map will display the Practice Count and GHG Emissions Reductions & Removals (5 and 6 above) to the area to which the map is zoomed to.

Click on a point within the map to zoom, browse features or pan to. Once a feature is selected, the applied amount and reductions for that field is shown.

- 5. Practice count by program—hover over the pie chart to view number of practices implemented through CCP or in Dane County Parks. The pie chart will change to include features that are within the current zoom extent. Click ‘Home’ to include all features
- 6. GHG Reductions and Removals—Hover over the graph to view exact GHG Emissions Reductions and Removals. Negative values indicate there’s a reduction or removal of GHG. The graph will change to include features that are within the current zoom extent. Click ‘Home’ to include all features.

About the Data

Greenhouse Gas reductions and removals shown in the dashboard are modeled through [COMET-Farm](#), a tool developed by USDA and Colorado State University. COMET-Farm models reductions in greenhouse gases such as carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O); and the removal of CO₂ from the atmosphere into the soil. This tool can provide information to forecast how the conversion of annual agriculture systems to continuous cover will result in GHG removals and reductions long term. The dashboard includes data from 2024 with plans for annual updates.