

# GREENHOUSE GAS INVENTORY

## 2016 ANNUAL REPORT

THE ECOLOGY ACTION CENTER HAS COMPLETED THE FOLLOWING ITEMS DURING CALENDAR YEAR 2016 IN FULFILLMENT OF THE GREENHOUSE GAS EMISSIONS INVENTORY PROGRAM AGREEMENT OF APRIL 25, 2016.



Starting in the fall of 2016, the EAC has been organizing, planning, and executing the first stages of completing a Greenhouse Gas Inventory for the Town of Normal and the City of Bloomington. This inventory covers the emissions of Local Government Operations (LGO) as well as the community's commercial and residential actions and energy usage. Activities to-date can be broken down as follows:

### RESEARCH

Before beginning any data collection, input, or analysis it was necessary to acquire familiarity with the intended methodologies for the GHG Inventory and how our specific community may tailor our inventory to best illustrate our production and contribution of GHG emissions. This was done by:

- Researching various approaches to data collection, reporting and analysis.
- Reviewing different emissions inventory reports submitted by various communities
- Becoming acquainted with the new software system the EAC is using for this report to analyze data known as ClearPath

### ORGANIZATION

Similar to the 2008 Baseline report, this inventory will cover LGOs of Bloomington and Normal and the community of Bloomington-Normal. We will again be focusing on the major contributors of GHG emissions: energy usage, waste, and transportation. Concentrating on these GHG sources, the EAC is using a reporting spreadsheet provided by ICLEI to organize data as it was received from LGOs. This spreadsheet is broken down by the various LGO departments and community sectors (residential, commercial, and industrial).

## DATA INPUT

Selecting a year is one of the first steps in constructing a GHG inventory. The baseline report was conducted for calendar year 2008 and the EAC had concluded that it should be repeated approximately every 5+ years. It was therefore decided that we would focus the next inventory on calendar year 2015 to give an idea of the most current status of Bloomington-Normal's greenhouse gas emissions.

- The EAC has started to receive data from various LGO departments and have begun entering the data into the ClearPath Software
- The EAC is also reentering all of the 2008 emissions data into the ClearPath software in order to keep the emission results consistent.
- We will publish a revised draft of the initial baseline report.

## NEXT STEPS

- The EAC has requested from the LGOs of Bloomington and Normal energy usage data and transportation data for the year 2015.
- For the community inventory, researching transportation data through several sources including Connect Transit and McLean County Regional Planning Commission is now underway.
- Community waste data is already held by the EAC, with additional information on methane emissions being requested from Allied Waste.
- Requests for community energy usage from the local utilities (Ameren, Nicor, and Cornbelt) will take place in the next month.