This file describes the data pre-processing that was done to the [Global Bus Rapid Transit dataset](https://brtdata.org/) for display [on Resource Watch](https://resourcewatch.org/data/explore/Cities-with-Bus-Rapid-Transit).

The Global Bus Rapid Transit (BRT) data can be found on the source website. The data is, however, not downloadable from the source website. The data includes the name of the BRT system, the year it commenced, the location of the BRT (city and region), and the source. Each of these values are provided for BRT systems launched between 1986 and 2019.

Because we wanted to display the data on Resource Watch for all the BRT systems, a complete dataset was compiled from the data found on the source website and coordinates were joined from another dataset for mapping purposes.

In order to upload the data on Resource Watch, the following steps were followed:

1. Copy and paste data table from the source website to an Excel table.
2. Join the Global Bus Rapid Transit data (“cit\_043\_bus\_rapid\_transit”) with the “city\_centroid” dataset on Resource Watch’s Carto account over the “city” column with the following SQL statement:
   1. SELECT city\_centroid.city, cit\_043\_cities\_with\_bus\_rapid\_transit.city, city\_centroid.the\_geom, cit\_043\_cities\_with\_bus\_rapid\_transit.source, cit\_043\_cities\_with\_bus\_rapid\_transit.value, cit\_043\_cities\_with\_bus\_rapid\_transit.country  
      FROM "wri-rw".city\_centroid  
      INNER JOIN cit\_043\_cities\_with\_bus\_rapid\_transit ON city\_centroid.city= cit\_043\_cities\_with\_bus\_rapid\_transit.city;

You can view the processed, Global Bus Rapid Transit (BRT) dataset [here](https://resourcewatch.org/data/explore/Cities-with-Bus-Rapid-Transit).

You can also find the original dataset from the source [website](https://brtdata.org/indicators/systems/year_system_commenced).