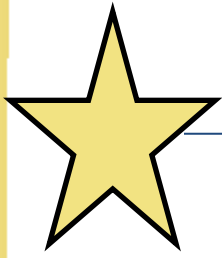


Follow Link to Try Green Gauge  
<https://greengauge1.pythonanywhere.com/>



Scan to Try Green Gauge



## Green Gauge

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### The Problem

- A significant volume of students and staff commute by car to MTU daily.
- Many are interested in reducing their carbon footprint but lack information on the impact of their travel choices.
- Cars produce significantly more carbon emissions than more sustainable/active travel modes.

### The Solution

- Green Gauge is a web application that calculates the carbon footprint of student and staff commutes based on:
- Distance travelled
  - Mode of transport
  - Frequency of travel

### The Impact

- Green Gauge helps students and staff:
- Understand their carbon footprint.
  - Compare transport options.
  - Choose more sustainable travel modes.
  - Support MTU's goal to reduce campus transport emissions.

## How it Works

### 1. Select Your Mode of Transport

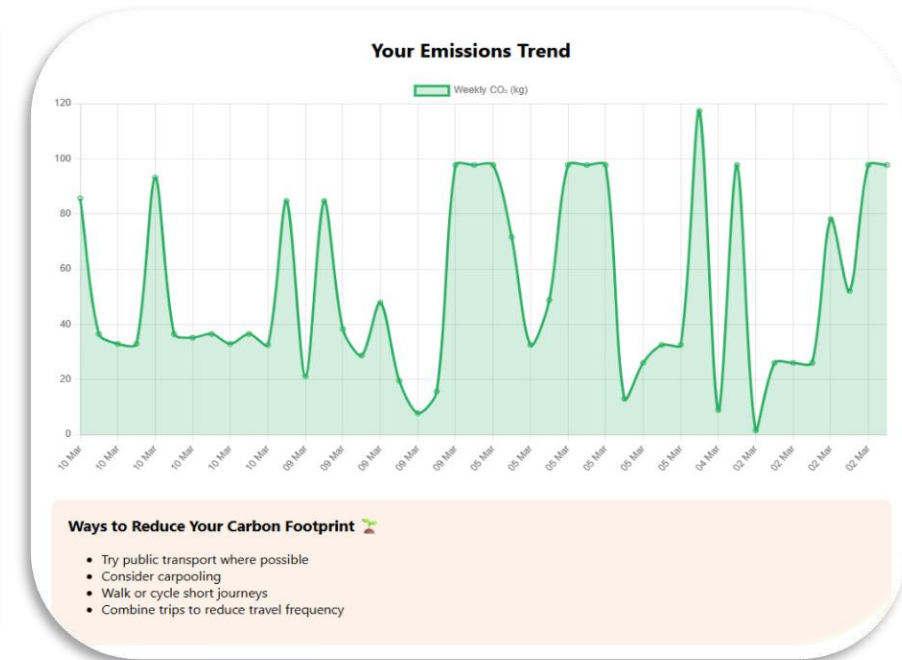
### 2. Select Car Details

### 3. Enter Origin, Destination & Frequency

### 4. Select the Days This Route Applies to

### 5. View the Results of the Journey

### 6. Monitor Trends on the User Dashboard



### Key Features

- CO<sub>2</sub> Tracking Calculator
- Weekly Summary
- User Emission Database
- Dashboard with User History
- Graph of CO<sub>2</sub> Over Time

### Future Development

- Integration with the recently launched KINTO Join App.
- Contributes to Emission Reporting for MTU.
- Support MTU Sustainability Goals.
- Collaboration with MTU's Sustainability Coordinator to align with the 2025-2035 strategy.
- Potential for MTU sponsored incentives e.g. travel credits, recognition badges for students and staff choosing sustainable and active travel modes.

### MTU Transport Survey

- Based on the responses to our survey:
- 79% are interested in their carbon impact.
  - 82% might consider greener travel if they knew their carbon footprint was poor.

Smarter Travel  
Student Awards

