

FAQs

Q1- What is Carbonite?

A- Carbonite is an app aims to reduce carbon footprint in university by calculating the carbon footprint emissions and provides ideal solutions to overcome the emissions of carbon.

Q2- Can Carbonita predict how much carbon I'll produce in the future?

A- Absolutely, Carbonita can predict the amount of carbon that will be produced, that can be calculated by knowing the amount of produced carbon emissions in the last few years.

Q3- How can I know the amount of carbon emissions that will be produced in some year?

A- You will download a file with the range of years which you know the data on them, then after answering the questions, upload the same file with results you filled , after that you will be redirected to a page tells you the amount of carbon that will be in the future years.

Q4- What is a carbon footprint?

A- A carbon footprint refers to the total amount of greenhouse gas emissions, mainly carbon dioxide (CO₂), released directly or indirectly by an individual, organization, or product during a specific period.

Q5- Why is it important to reduce the carbon footprint in universities?

A- Reducing carbon footprint in universities is crucial for environmental sustainability. It helps combat climate change, promotes resource efficiency, sets an example for students and the community, and contributes to a healthier and greener campus.

Q6- What benefits can universities gain from reducing their carbon footprint?

A- Universities can experience several benefits, including:

- Lower energy costs and operational expenses.
- Enhanced reputation as environmentally responsible institutions.

- Improved student and staff engagement and satisfaction.
- Potential funding opportunities and grants for sustainability projects.
- Positive contributions to local and global climate action goals.

Q7- What are the common units used to measure carbon footprint?

A- Carbon footprint is often measured in kilograms (kg) of carbon dioxide equivalent (CO₂e). This unit combines various greenhouse gases and expresses their impact in terms of the equivalent amount of CO₂.

Q8- How to get my consumption of electricity to calculate the carbon emissions?

A- To measure electricity consumption, you can:

- Refer to utility bills to obtain total energy usage.
- Use smart meters or energy monitoring systems to track real-time electricity consumption.
- Collaborate with the facilities department to access energy data for specific buildings or areas.

Q9- How can one determine the water usage for calculating the carbon footprint?

A- To determine water usage, you can:

- Collect water bills and identify total water consumption.
- Monitor water meters to track real-time usage.
- Collaborate with facilities or water management departments to access water usage data.

Q10- How can one determine the waste usage for calculating the carbon footprint?

A- To determine waste usage for calculating the carbon footprint, follow these steps:

- Conduct a waste composition assessment to understand the types and quantities of waste generated.
- Collect data on the quantity of waste generated over a specific time period.
- Identify the waste disposal methods employed by the university.

Q11- After get all the amount of water, waste and electricity, how can I calculate the carbon footprint?

A- In our application, we provide an section that give you all types that emits carbon emissions like water, waste and electricity and travel ,etc. And you just enter the indeed input, then let the rest to application! The application had been designed to give you the amount of carbon footprint and how to reduce it!

Q12- What is expected after get the amount of carbon footprint?

A- After getting the result of the carbon footprint emissions, you'll get some instructions that helps you to reduce carbon footprint and there is a projects section that will help you.

Q13- How the projects section can help me?

A- The projects section can help you by providing some ideal solutions for the issues that produce carbon footprint, such as smart lighting for electricity emissions , and some advices that will help you in water, waste and plants emissions

Q14- How projects section in electricity can help me in reducing carbon emissions?

A- Electricity projects can actually help you in reducing carbon emissions by providing two of the best solutions to overcome the emissions like:

a. Solar panels:

- This section was designed because that using solar panels instead of normal electricity reduced the carbon emissions, and in this section we tell you how many solar panels do you need based on electricity consumption and also calculate the amount of carbon that will be reduced by using solar panels.

b. Smart Lighting:

- This section calculates how much carbon emissions will be reduced by using smart lighting system.