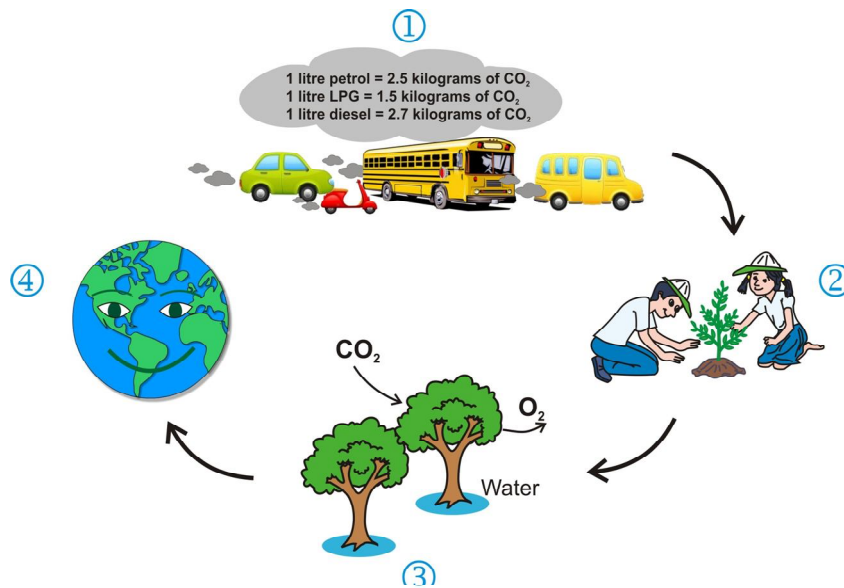


CUTTING THE CARBON



INTRODUCTION

Going green can cut costs, improve quality of life, make our institution better equipped to deal with a low carbon future and help to prevent runaway climate change. *Cutting the carbon* helps to understand climate change more clearly and to consider the implications of the inevitable end of cheap fossil fuels that will come with Peak Oil.

Our pledge is to prepare ambassadors for change, to identify opportunities for action and to run a green drive through everything the present gen do. But we also think that we can have far more fun doing the right thing than most people believe. So our additional pledge is to inspire change rather than force change.

CLEAN - India through *Cutting the carbon* initiative not only offers an opportunity to lessen your environmental impact, but also reduce deforestation rates, improve the health of families, and support our efforts to protect and conserve natural resources.

OBJECTIVE

Create eco-conscious schools who are equipped to tackle climate change proactively by reducing the carbon footprint of the school and the households of the students and teachers in the school.

OUTCOMES

The aim of this project is to reduce the schools carbon footprint and form a group of students who can take the initiative to the rest of the school and influence communities to do the same.

THE CONCEPT

A carbon footprint is a measure of carbon dioxide emissions associated with an entity's activities. According to Encyclopaedia Britannica, a carbon footprint includes direct emissions, such as from driving a car, as well as whatever emissions are required to consume any goods and services. Often, a carbon footprint includes the measure of other greenhouse gas emissions as well.

Electricity generation and transportation-related activities account for well over half the increase in greenhouse gas emissions. Switching from private vehicles to public transport can reduce the carbon footprint to a great extent. We could also reduce our collective carbon footprint by changing their incandescent bulbs to compact fluorescent lights, preventing the emission of 9 billion pounds of greenhouse gases.

Large carbon footprints deplete resources on large and small scales, from a country's deforestation activities to one home's increased use of air conditioning. The more those with large carbon footprints use resources, the more greenhouse gases increase and spur further climate change.

STAGE 1

To reduce the school's Carbon footprint, the first step will be assessment of the schools Carbon Footprint. We will be sensitizing students, teachers and the staff of the school in the introductory workshop. They will be informed the meaning of carbon footprint and its impact on our environment. This will be the first step of our initiative.

Activities

- a. **Workshop I-** Introduction and Sensitisation of Students / Teachers / Staff

STAGE 2

The second stage will include the actual survey which will be carried out by a group of selected students. We will train the students to use a questionnaire and the carbon footprint calculator to calculate the school's Carbon Footprint. Over a period of 10 days, the students will collect the information from the concerned authorities.

Activities

- a. Selection of students to be trained to carry out the survey
- b. **Workshop II**-training of students and teachers to carry out survey and using the carbon calculator
- c. Survey of the entire school

STAGE 3

The school's Carbon footprint is calculated in a workshop, where the selected students will use the Carbon calculator to feed the information collected and calculate the carbon footprint of the school. After the footprint has been calculated, another workshop will be held to announce the results of our initiative and suggestions will be made for measures which can be taken to reduce the carbon footprint. The students will be engaged to ensure these measures are taken and after the footprint has been reduced, the school will be awarded with a plaque stating the reduction of carbon footprint.

Activities

- a. **Workshop III**-working group workshop for the selected student investigators for calculating the CF
- b. **Workshop IV**-announce result i.e. school's CF, measures to reduce it
- c. Engage students to take measures to reduce as suggested in the workshop IV
- d. Award student Ambassadors for proactive reduction of CF after measures suggested in the workshop are taken
- e. Award Plaque stating the CF reduction by the school.

The students may take the initiative ahead by spreading the information to the rest of the school and their neighbourhood.

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