CARBON FOOTPRINT FACTS

MAJOR CAUSES OF YOUR FOOTPRINT

- **Electricity**: 25%
- **Food**: 24%
- **Consumption of Stuff**: 21%
- **Transportation**: 14%
- **Heating Homes**: 6%

CO2 FOOTPRINT ESTIMATES

- Walk 2 hours to work/school: 0 TONS CO2
- Drive 5 hours MTL to NYC return 1000km: 0.25 TONS CO2
- Fly NYC to LAX 5000km: 1 TON CO2
- Bus 5 hours MTL to NYC return 1000km: 0.075 TONS CO2

TOP 5 COUNTRY CO2 EMITTERS

<table>
<thead>
<tr>
<th>Country</th>
<th>Global Emissions</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>22%</td>
<td>1.4 billion</td>
</tr>
<tr>
<td>United States</td>
<td>14%</td>
<td>325 million</td>
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<tr>
<td>European Union</td>
<td>10%</td>
<td>500 million</td>
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<tr>
<td>India</td>
<td>7%</td>
<td>1.3 billion</td>
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<tr>
<td>Russia</td>
<td>5%</td>
<td>145 million</td>
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The top 3 greenhouse gas emitters are China, the European Union and the United States. They contribute more than half of the world’s global emissions, while the bottom 100 countries account for 3.5%.

WHAT YOU CAN DO TO REDUCE YOUR FOOTPRINT

- **Homes**
  - Turn down your home thermostat
  - Solar panels to heat your water
  - Better insulation for your home
  - Use a fan to circulate the air

- **Transportation**
  - Bike to work or school
  - Drive a hybrid car or smaller car
  - Take public transport

- **Food**
  - Buy local produce
  - Meatless Mondays
  - Recycle & compost in the kitchen

- **Consumption of Stuff**
  - Buy less stuff
  - Reuse stuff

PLANT TREES

Trees sequester carbon. One mature tree can absorb on average 48 pounds of carbon per year. One ton is equal to 2226 pounds of carbon.

46 TREES PLANTED CAN REDUCE 1 TON OF CARBON.

ONETREEPLANTED.ORG

CARBON DIOXIDE (CO2)

is a greenhouse gas that traps heat/energy which changes our climate and weather. CO2 enters the atmosphere through the burning of fossil fuels (like coal, oil & gas) which we use for electricity, manufacturing, heating our homes, and powering our cars, planes, and trains for transportation.