

# July to September: Energy Efficiency High-tech - Step-by-step Guide



# Step-by-step Guide

<b>Climate Change Topic</b>	Efficiency		
<b>High-tech or Low-tech?</b>	Tech		
<b>Duration of the activity (in minutes)</b>	<b>20 to 30 minutes</b>	<b>Learning Outcome</b>	Learners will be able to: <ul style="list-style-type: none"> <li>- Know and test different platforms for calculating their carbon footprint.</li> <li>- Analyze their data.</li> <li>- Act on the data analyzed.</li> </ul>
<b>Material required for activity</b>	<ul style="list-style-type: none"> <li>- Computer with Internet access, or</li> <li>- Smartphone with "<a href="#">Mobile Carbonalyser</a>" app downloaded.</li> </ul>		
<b>Instructions step by step</b>	<p>One of the tools giving a lot of information about one's own energy consumption habits and ways to improve them is offered by WWF through an <a href="#">ecological footprint calculator</a> on its website. The website <a href="#">also allows leclimatentrensmains.org</a> to calculate its carbon footprint.</p> <p><a href="#">Hellocarbo.com</a> is also an exciting platform that allows you, under cover of security, to link your profile to your bank account. The site analyses all banking transactions from the point of view of carbon footprint. However, only French banks are available in this process (except SwissLife).</p> <p>The <a href="#">Mobile Carbonalyser</a> application is also exciting because it allows you to "visualise the electricity consumption related to the use of your smartphone. This consumption is essentially based on the amount of data exchanged (Internet browsing, video viewing, etc.) by the various applications you use on your mobile. From this electricity consumption is estimated the impact in greenhouse gas (GHG) in grams of CO<sub>2</sub>, in equivalent to the number of mobiles charged and in equivalent km of car".</p> <p><b>Step 1:</b> Implement an ecological calculator of your choice and take the test based on your information. On the <a href="#">leclimatentrensmains.org</a> website, you must register once before accessing the test.</p> <p><b>Step 2:</b> Analyze your results in light of the test and talk to you, or</p>		

the people in your household if you are not alone, about what you could start by changing.

Finally, household appliances are an essential factor of low energy efficiency if they are misused and because of their large number on the planet. Here is a website that informs about efficient devices with a low environmental impact: <https://www.topten.ch/>