

## ENERGY TRANSPORTATION

Country	What traditional and alternative sources of energy are used in your country? Which of them are in short supply?	What kind of alternative energy causes most pollution in your country?	How is energy transmitted/transported in your country?	What energy is transmitted while using Wi-fi or mobile phones?	What can be done to reduce PM-10	Do you know what are the main environmental problems connected to Energy transportation (either on the road or by wire)?
GREECE	<p><b>Traditional</b> sources of energy:</p> <ul style="list-style-type: none"> <li>• lignite,</li> <li>• oil,</li> <li>• natural gas</li> </ul> <p>All of them are in short supply</p> <p><b>Renewable</b> energy resources:</p> <ul style="list-style-type: none"> <li>• Hydropower</li> <li>• Solar Energy</li> <li>• Wind Energy</li> <li>• Geothermal energy</li> </ul>	<ul style="list-style-type: none"> <li>•All <b>renewable energy</b> is ugly to be found in the environment so that causes visual pollution.</li> <li>•<b>Wind turbines</b> disrupt nature by their noise and dangerous heating and some kill the living animals and plants from its turning blades.</li> <li>•Other harmful gases and minerals may surface from <b>geothermal</b> power stations and can be difficult to control.</li> <li>•Building <b>dams</b> may damage the nearby wildlife and dams.</li> </ul>	<ul style="list-style-type: none"> <li>•<b>Electric power</b> is usually transmitted through overhead power lines 400KV, 150KV, 20KV and 15KV.</li> <li>•<b>Oil and carbon</b> are being transported by trucks using the national roads.</li> <li>•<b>Gas</b> is transported and distributed by underground tubes.</li> </ul>	Electromagnetic radiation	<ul style="list-style-type: none"> <li>•Dust control for roads, construction, and landfills</li> <li>•Landscaping, barriers, and fencing to reduce windblown dust</li> <li>•Programs to reduce emissions from wood stoves and fireplaces</li> <li>•Cleaner-burning gasoline and diesel fuel</li> <li>•Emission control devices for motor vehicles</li> <li>•Controls for industrial facilities</li> </ul>	<p>Environmental problems connected to Electric-power transmission:</p> <ul style="list-style-type: none"> <li>•The population exposure to electromagnetic fields</li> <li>•Altering the aesthetics of the landscape</li> <li>•Telecommunication interference</li> <li>•The aesthetic deterioration in residential areas</li> <li>•The transmission of electricity within the residential areas causing accidents due to electric shock</li> <li>•The wires attract electricity in cases of lightning</li> <li>•Changes in Earth's electric and magnetic field</li> </ul>