

My second design project involved analyzing GE Transportation to determine the fate of GE's train system. During this project, my group and I compared the options GE had presented us with, which included upgrading their train fleet, replacing their train fleet, instating an alternative fuel source for their trains, and changing their transportation methods entirely to either truck, boat, or airplane freight delivery. We utilized methods such as the AHP, Scaling Value Method, and the Rating Method to determine the best option. Our group decided to upgrade GE's train fleet to the new Tier 3 EPA standards because this would be the cheapest and most cost effective option.