Transportation System DRS

1. What transportation does the idea/ final design contain?
   a. Trains
      i. Does the idea/ final design focus on: (Multi-choice: CAN PICK multiple items)
         1. Selling the current fleet (Tier II locomotives)?
            a. Sell/upgrade all the Tier II
            b. Sell/upgrade some but not all of the Tier II
         2. Tier III locomotives
         3. Tier IV locomotives
         4. Redesigning the shape of the locomotive?
            a. Make the shape of the locomotive more aerodynamic
            b. Change the capacity of the locomotive
            c. Other
         5. The fuel used for the trains? (Multi-choice: CAN PICK multiple items)
            a. Gasoline
            b. Diesel (current system)
            c. LNG (Liquefies Natural Gas)
            d. CNG (Compressed Natural Gas)
            e. Biodiesel (B20)
            f. Alternative fuel
               i. Wind
               ii. Solar energy
               iii. Solar power/ electric hybrid
               iv. Kinematic energy (KE generated by the wheels will make the train self sustainable after it starts moving)
               v. NA
            g. Replace fueling infrastructure for locomotive
            h. GE’s Retrofit kits
            i. NA
   b. Boat/ ship/ tanker
      i. Does the design focus on:
         1. The fuel used for the Boat/ ship/ tanker (Multi-choice CAN PICK multiple items)
            a. Gasoline
            b. Diesel (current system)
            c. LNG (Liquefies Natural Gas)
            d. CNG (Compressed Natural Gas)
            e. Biodiesel
            f. Alternative fuel
               i. Wind
               ii. Solar energy
               iii. Solar power/ electric hybrid
               iv. Kinematic energy (KE generated by the wheels will make the train self sustainable after it starts moving)
               v. NA
         2. Other:____
   c. Plane
      i. Does the design focus on:
         1. The fuel used for the plane (Multi-choice CAN PICK multiple items)
            a. Gasoline
            b. Diesel (current system)
            c. LNG (Liquefies Natural Gas)
            d. CNG (Compressed Natural Gas)
            e. Biodiesel (B20)
f. Alternative fuel
   i. Wind
   ii. Solar energy
   iii. Solar power/electric hybrid
   iv. Kinematic energy (KE generated by the wheels will make the train self sustainable after it starts moving)
   v. NA

2. Other: ______

d. Truck
   i. Does the design focus on:
      1. The fuel used for the plane (Multi-choice CAN PICK multiple items)
         a. Gasoline
         b. Diesel (current system)
         c. LNG (Liquefies Natural Gas)
         d. CNG (Compressed Natural Gas)
         e. Biodiesel
         f. Alternative fuel
            i. Wind
            ii. Solar energy
            iii. Solar power/electric hybrid
            iv. Kinematic energy (KE generated by the wheels will make the train self sustainable after it starts moving)
            v. NA

2. Other: ______

2. Does the idea/final design contain any of the following:
   a. Adding a Biodiesel station
   b. After treatment of air to improve air quality
      i. Air filters on the transportation
      ii. Air filters in the city
   c. Trains can pick up freight as a ride sharing system.
   d. Catalytic converter
   e. No transportation needed (have cities become self reliant on sources)
   f. Route design
   g. Other: ______