THE GEOTANIC

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Sustainable Transportation

• Sustainable Transportation is the use of mass transit. It could also be about using for fuel efficiency. The GeoTanic could also be a Ferry, or a Cargo Ship.
History

- Human beings have used geothermal energy in North America for at least 10,000 years.
- Hot Springs, Arkansas was founded in 1807. One dollar was charged for the use of spring-fed baths.
- The first actual geothermal power plant was built in 1979 named for B.C. McCabe.
Present Technology

- Geothermal power plants are everywhere from California to Hawaii and Nevada
- Geothermal heat pumps are now used in houses
- These pumps cost 10 to $15,000 per pump
- Modern power plants do not take away from the geothermal hot springs
Geothermal power plants have no smoky emissions. They emit water vapor.
Turbine Generator

- Steam entry
- Turbine blades
- Steam outlet
- Electricity
- Coiled wire cylinder
- Magnetic field
Engine Guard For Turbine
The GeoTanic is an environmentally friendly ship with recycling facilities. Once started it can continually run on its own. It can accommodate more than 2,000 people and is complete with luxurious room accommodations.
Cost

- $600,000,000 for the Ship and modifications including:
  - Engine
  - Steam Turbines
  - Cabin Modifications
  - Spas
  - Pools
Size and Weight

Cruise Liner
- 883 Feet Long (1/6 mile)
- 92 Feet Wide
- 46,328 Tons
- 104 Feet High

Ferry
- 117 Feet Long
- 46 Feet Wide
- 100 Tons
- 50 Feet High
GeoTanic Thermal Heating System
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