THE GEOTANIC

By:
Misheálah McBride
Lauren Huff
TJ Schmidt
Michael Wood
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.
Engine Guard For Turbine
Future

- The GeoTanic is an environmentally friendly ship with recycling facilities.
- Once started it can continually run on its own.
- Can accommodate more than 2,000 people.
- 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
Bibliography

- [www.worldbank.org](http://www.worldbank.org)
- [www.wolcott.com/roomsmain.html](http://www.wolcott.com/roomsmain.html)
- [www.bluegreenpictures.com](http://www.bluegreenpictures.com)
- [http://residentialvessels.com/pphexcellence.htm](http://residentialvessels.com/pphexcellence.htm)
- [www.art-tlc.com/back49.html](http://www.art-tlc.com/back49.html)
- [www.acclaimimages.com](http://www.acclaimimages.com)
- [http://geoheat.oit.edu/directuse/power.htm](http://geoheat.oit.edu/directuse/power.htm)
- [http://geothermal.marin.org/GEOpresentation.htm](http://geothermal.marin.org/GEOpresentation.htm)
- [http://www.highways.gov.sk.ca/docs/travelers_info/ferries_schedule.asp](http://www.highways.gov.sk.ca/docs/travelers_info/ferries_schedule.asp)