



Legend:

- Features
- Engines
- Fuel/Energy

## Assignment

This is my moving, floating and flying hotel.  
My original idea was only designed for land and sea.

My final design can be used for leisure and public transport.

The following points were important to me when designing this future transport vehicle:

- Uses at least 90% recycled material
- Uses renewable energy such as solar and wind
- Non-fossil fuel for power engines such as hydrogen which produces no carbon emission like conventional car engines.
- Able to transport thousands of people in comfort snug cabins
- Able to operate on land and sea
- Uses at least 90% less energy than conventional transport vehicles of the same size.

## **Capabilities**

Since the vehicle can use land, sea and in the near future air, it can be used for long-distance as well as for commuter travel.

It has all the comfort of a cruise ship combined with an airplane.

It can reach speeds of 500 km/h hovering over water. In the air it will reach 900 km/h.

Operating on land is only practical for boarding people and goods because of its size.

It can re-use existing airport installations or ship terminals.

Smaller versions can be built for private operators.

## **Future capabilities**

My vehicle may be able to be used as a type of passenger aircraft once clean fuel can be developed and is available for powering the jet engines.

My vehicle may be able to fly outside the earth atmosphere for even quicker travel to your destination.

Future fuel based on mainly water may be used to power the vehicle engines.