The HydroBus

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The HydroBus will run on salt water and impurities from the ocean. It will be either a transit or a coach bus, taking over the modern-day bus. The HydroBus will have very good miles to the gallon and be very safe for the environment.
The HydroBus will be sustainable in many different ways. It will meet our needs and prove to be environmentally safe for future generations - not only the human race, but animals as well.
The HydroBus will also purify water, making it easier to obtain good drinking water than before. Overall, it will make pollution seldom a problem, and not put our future generations at risk if we kept on using fossil fuels to run our cars.
The first bus was horse-drawn and originated in Nantes, France.

It carried not only people, but mail as well.

It was called an omnibus, meaning carriage for all.

The first electric bus was invented in 1900 with a fare of 5 cents.

The first motorized bus was invented in 1905.
$450,000 for the cost of HydroBus and its components.

Present day bus is $395,000

$100,000 to install engine only to pre-owned bus.
• Only runs 6 miles to the gallon.
• Takes in fossil fuels, emits harmful gases.
• $395,000 for bus.
• $5,000 for engine.
• $600 - $1,500 per day to rent.
• 45 people, 1 lavatory for coach.
• Holds 40 in bench seats, and standing.
• Also takes in fossil fuels and emits harmful gases.
• $1.25 per trip.
• $45 per monthly pass.
• $495 for annual pass
• 50 seats with 2 lavatories (male and female) and wheelchair accessible.
• Accessories such as TV’s, DVD’s, AC, carpet seating, armrests, lunch trays & refreshments are included.
• Good for long distance travel.
• Can be rented out for a day
Future: Transit

- Seats 60.
- Includes accessories such as TV's for entertainment/news.
- Poles included for more passengers to hang on, as well as handlebars hanging from the ceiling of the bus.
• This Bus uses Hydro power by using salt and impurities in ocean water to spin turbines. Gas stations are now salt stations.

• Ocean water moves from holding tank to a separator, where the impurities flow through a selectively permeable membrane into a long tube.
In the tube the substances get shocked by the battery and then jump and bombard the turbine which provides electrical energy to not only power an electric engine but to keep the process going.
The now pure water moves into another holding tank, that can be used for drinking water. The used impurities then fall into a collection bin below the turbine.

The water on its way to the holding tank circles around the turbine creating a cooling system.
This new ground-breaking engine will prove to be environmentally friendly in many different ways:

• Causes no acid rain
• Doesn’t pollute air
• Doesn’t pollute water
• Purifies water, that is potable, as it runs