

HYBRID TRANSPORTATION



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WHAT IS HYBRID TRANSPORTATION?

Hybrid Transportation is a type of transportation used that runs on solar power or battery power instead of petrol.

An example of a hybrid car is a Tesla, although, our technology will be quite different to the Tesla brand.

Our transportation, buses to be exact, will run through all of Camden and will be limited at the border of Campbelltown.

This transportation will be made as buses and cars as any other transportation isn't as frequently used.

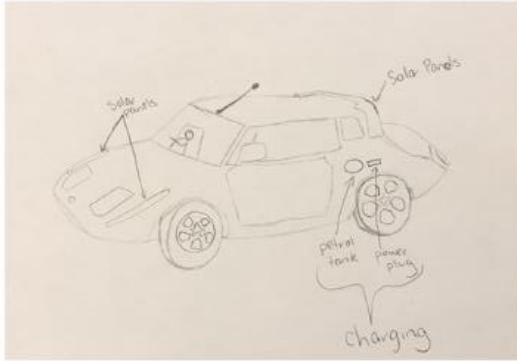
OUR PROBLEM - FUTURE AIR QUALITY

The problem we are trying to resolve is the future air quality.

After the expansion of the Camden Airport and coal mines decreasing, we need better, more environmentally friendly ways of keeping the CO₂ levels to a controllable and livable standard.

So we have decided on a Hybrid transportation that runs on solar power around Camden and neighbouring areas, but switches to petrol when it reaches an area that doesn't have a recharge pump.

OUR DIAGRAMS



PIC•COLLAGE

In the upper diagram, it shows a rough sketch of what our Hybrid CAR will look like.

It has labels on where certain things go like solar panels and energy and petrol pumps, and this will be what we work towards achieving.

In the lower diagram, it shows another rough sketch of our Hybrid BUS. this sketch again shows where pumps and panels will be, and is what we will be working towards achieving.



HOW IT WORKS

When planning this transportation, we had to solve every enquiry - not only those we had, but others.

While thinking about the way this would work, we had to allow the transportation to be affordable and environmentally friendly.

This transportation will have charging stations all over the Camden area.

When driving out of Camden and have low battery, we will include an option to switch to “petrol mode”, which allows you to drive anywhere and are able to keep the transportation going.

When in solar power mode the transportation can be dangerously quiet and cause casualties. Therefore, we are going to include a type of technology in the vehicles that produces sound while driving.

WHY HYBRID TRANSPORTATION?

When given the problem of Air Quality, one must find a solution that will keep the environment stable. But what exactly does this?

We decided to choose hybrid cars because they are not only environmentally friendly, but also a new technology that will help the community grow economically.