

In The Work Projects Summary

1 TRANSPARENT SOLAR CELLS

Research from Usolar has provided HaappyCo with the first ever transparent solar cells. Transparent solar cell technology can be used to replace current screen on phones, laptops, and tv screens which would allow them to run without using an outlet. The technology has been successfully applied to creating the first transparent solar panels as well. However, initial cost estimates show that producing transparent panels and using them to replace our current panels would be incredibly expensive. This idea has been shelved until further notice.

2 ALGAE BIOFUELS

Algae is being looked into to provide another source of energy for transportation needs. Since there is an overabundance of algae this could be a cost effective method to produce fuel, and could potentially provide environmental benefits in helping reduce eutrophication effects.

3 MARINE SEDIMENT ENERGY

Energy can be acquired from marine sediment water interface. This is our newest research project. Not much data has been acquired for it yet, though we have tasked several interns with investigating this further.