

Our Concept

Our projects aim to combat climate change in the most effective way possible by instructing countries to be efficient with their resources. We effectively categorise nations by the renewable energy that can best be harnessed by them. In countries that lack the financial means, we invest in grass roots projects, help to set up flagship power plants, and to educate people in how to be more sustainable. The setting up of the Global Partnership of Sustainable Futures (GPSF) will play a role in aiding the progress in achieving environmentally friendly futures by building green communities from the ground up. We also work to help modify existing communities to enable research to increase sustainability. In every aspect of our work, we are pushing for a greener and more sustainable future.

We aim to:

- To categorize countries according to the renewable energy that is most suited to them
- To promote start-up renewable power plants in developing countries
- To promote and facilitate the sharing of technology and ideas between countries in a category
- To create new green cities and to adapt existing cities to make them more sustainable
- To come up with new and innovative solutions to the climate change crisis

Our Categorisations

We decided that one of the most effective ways to mitigate the impacts of climate change is to invest in renewable energy sources to replace fossil fuels. This varies depending on the climatic locations of countries. For example, countries in the Sahel region, like Niger would have a good potential for solar power because of the dry, sunny climate in this location. However, Iceland would not have this potential because sunlight is not consistent in this area of the world and during the winter months they would not produce the amount of power would need. Figure 1 below shows the amount of renewable energies in use today. To enable effective research we propose to invest in the three main types of renewable energy; wind, solar and geothermal energy. Data from the IPCC (2011) compared the ranges of renewable potential.



Figure 1

Our Budget

- \$10 billion – Wind Turbine project
- \$7 billion- Solar Power plant set up & \$1billion – Solar research
- \$6 billion - Geothermal facility & research
- \$7 billion – Sodium battery technology
- \$2.5 billion – Pipeline for desalinisation project
- \$3 billion – Water desalinisation plant
- \$15 billion – (Homes for 2.1million people (retrofit or replace) \$3 billion) x 5 locations
- \$7 billion – Batteries for each home
- \$5 billion - Education
- \$4 billion – Hydrogen fuel cells
- \$5 billion – Maintenance costs
- \$5 billion – Open Source
- \$10 billion – Highspeed renewable energy railway & research
- \$2 billion – Afforestation
- \$2 billion – Terraforming
- \$5.5 billion – invested in a stock index
- \$3 billion – Geoengineering

Our Projects

- Sustainable Cities – The implementation of our city blueprint in several cities in different climatic regions of the world is based off the Climate Vulnerable Forum and climatic maps.
- Wind Turbine Project – Investing in the construction of projects (existing and planned) to enable the experimentation of bioinspired technologies to improve efficiency.
- Solar Power Research – To improve the efficiency of current research and enable a platform for new techniques to be tried.
- Geothermal Facility investment is to improve hotspot energy appropriation.
- Sodium Battery Technology – To create a competitor to lithium batteries and to improve recycling techniques.
- Desalination Plant – To improve water security.
- Home Funding – Create a platform for the testing of technologies on a population to experiment with current and future techniques. They will be powered by the batteries mentioned above.
- Education – to improve literacy of all genders and in the training of the community to be self-sufficient.
- Hydrogen Fuel Cells – Funding in storing techniques to reduce the amount of energy lost through transfer.
- Open Source – Provide a platform for freely sharing ideas.
- Public Transportation – To remove the need for public motor vehicles
- Terraforming – To improve soil quality
- Geoengineering – Solar Radiation Management research (i.e. aerosols)
- Stock Index – To keep funding for the project to allow for further investment



We will be achieving

IPCC (2011) Special Report on Renewable Energy Sources and Climate Change Mitigation (SRREN)