

Renewable Energy



Come join us at the front of the transition to a clean and sustainable world!

Many people have become concerned about the future of oil, coal and natural gas. These non renewable energy sources will not be available forever and alternative sources of renewable energy will be necessary in the future. One can take part in the world's energy transformation by investing in renewable energy sources including: wind, geothermal energy, biomass, biogas, fuel cells, hydel and solar energy. Investment in renewable energy sources today may bring big profits tomorrow.

Over the last several decades, the Western world has made reducing greenhouse gas emissions one of its top priorities.

Europe leads the world in renewable energy efforts. And it wants to keep that distinction, as evidenced by recent pledges to:

- ✚ **Slash greenhouse gas emissions by 20% compared to 1990 levels – by 2020.**
- ✚ **Rely on renewable energy for 20% of their energy needs – by 2020**

When they made those extremely optimistic goals, they did have a few other things on their mind other than saving the planet. Understandably, they want to pull away from their dependence on Russian natural gas supplies and oil supplies from Middle East. To meet those goals, European utility companies have to invest about €1 trillion (\$1.4 trillion).

Considering Germany for example who are also World's leader when it comes to renewable.

This is reflected in Germany's current market volume, groundbreaking policies and industrial strength in the renewables sector.

The German government has ambitious goals: it hopes to cut 270 million metric tons of CO2 emissions by 2020 and foster the consumption of energy produced from renewable energy sources. Government's goal is to cover over 35% of the country's electricity demand by these resources by 2020. Having a look at the German renewable industry

Current foreign Investments

India's vast untapped renewable energy resources like wind energy has installed capacity of 21.1 GW and an estimated potential of 102.8 GW. Small hydro has installed capacity of 3.8 GW and an estimated potential of 19.7 GW. Bio-power (including biomass and biogases co-generation) has an installed capacity of 4.1GW as opposed to an estimated potential of 22.5 GW. Solar power has installed capacity of 1.7 GW against the potential of 6 GW.

- ✚ Vestas RRB India Ltd, a joint venture (JV) between world's leading wind power generator Vestas Group of Denmark and RRB of India, plans to invest over Rs 50-55 crores (around US\$1million) over the next two years.
- ✚ Adani Enterprises Ltd signed an agreement with US-based SunEdison Inc. to set up a joint venture that will build a solar photovoltaic manufacturing facility in Gujarat with an investment of around US\$4 billion.
- ✚ Urjas Energy Solutions Pvt Ltd has raised US\$10 million in funding from Solidarity Venture Capital.

There is a large selection of programs designed to support a wide variety of business activities at different stages of the investment process available.

