

THE UNITED STATES AND TURKEY: BUILDING A GREEN ECONOMY TOGETHER

Turkish and American companies are working together to make major advances in renewable energy. U.S. companies play a major role in Turkey's green energy sector – making the country less reliant on Russian and Iranian imports. Turkey and the U.S. are also leading the way in producing the next generation of electric vehicles.

SOLAR ENERGY

Based in Arizona, First Solar is a leading manufacturer of solar panels. In Turkey, the company has a number of contracts, an office in Istanbul, and has a joint venture with Zorlu Enerji to build a factory that will reach 10,000 megawatts of panel production per year. Zorlu Enerji is also a major distributor of First Solar modules in 26 countries.



GEOHERMAL ENERGY

Based in Nevada, Ormat Technologies is a producer of geothermal energy. Ormat has built 190 power plants and supplied over 1000 turbochargers worldwide. It is a major producer of geothermal energy in Turkey, where it has 38 power plants and hundreds of employees.



RENEWABLE FUELS

Taronis Fuels is a U.S. renewable fuels producer which turns liquid wastes into a sustainable, green, metal-cutting gas. The Turkish government has invested \$20 million in Taronis for a joint venture as part of a \$165 million purchase order for thirty gasification units. The joint venture will launch facilities in Turkey to produce equipment to replace harmful metal cutting fuels.



WIND ENERGY

Based in Scottsdale, TPI Composites is the largest U.S. independent manufacturer of composite wind blades. In Turkey, the company has two plants dedicated to advanced wind blade manufacturing for multiple customers primarily in the European, Middle Eastern, and African markets. TPI also has an advanced engineering center in Izmir for research and development purposes. TPI has more than 3,300 employees in Turkey.

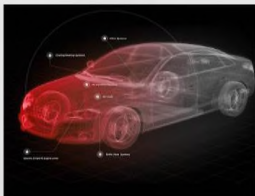
TPI is closely partnered with Metyx Composites, a Turkish producer of technical textiles and TPI's main local supplier of reinforcement fabrics and core kits. Metyx now has a manufacturing facility in Ranlo, North Carolina.

Lastly, Turkey's third largest wind farm, located in Osmaniye Province, consists of 54 wind turbines, all of which were made by GE Wind Energy!



ELECTRIC VEHICLES

In November 2020, Teklas, a Turkey-based advanced research and development, manufacturing company and supplier of electric vehicle parts, announced that it will invest \$6.5 million to open its first North American facility and headquarters in Calhoun, Georgia. The project is expected to create 120 new jobs.



In March 2021, Ford Otosan, a joint venture between Turkey's largest conglomerate and Ford, announced it will be making a \$2.4 billion investment to manufacture new-generation commercial vehicles and batteries at its factory in Turkey.

The investment will make factory Turkey's first and only electric vehicle integrated production facility that will also manufacture batteries and represents the largest investment ever made in the Turkish automotive industry. Once completed, the investment will lift the Ford Otosan's annual production capacity from 440,000 to 650,000.

