In 2002, the German parliament presented an energy scenario according to which the entire German energy supply requirement could be achieved through the use of renewable forms of energy. If that is possible in Germany – a country with a small geographical area, high population and energy density and a high standard of living – it is possible anywhere. Meanwhile even the energy industry concedes that, by the year 2050, more energy could be provided from renewable sources worldwide than mankind is using today.

The energy needs of this earth can be met through a mix of solar thermal power plants and solar electricity stations, wind farms, hydroelectric power stations and the various uses of biomass. In order to restrict growth of the energy requirement, economical energy technologies must come into play.

Added to this, the rapid expansion of a world solar energy industry is an important step towards preventing wars over scarce resources such as oil, gas and uranium.