most cost effective devices to stop indoor air pollution, reduce deforestation and over dependence on biomass. We have already constructed over 100,000 improved cooking stoves through local service providers and technicians. These stoves are an upgraded version of traditional stoves with chimneys and need 50 per cent less fuel, emitting no smoke. However we have tapped only slightly into huge potential market of nearly 12 million stoves. We can accelerate the growth rate through better models such as portable stoves that can be mass-produced at a lesser cost, along with product diversification, especially targeting rural commercial needs.

Micro-grids and hybrids for more power and flexibility: We have been very successful in popularising individual SHS. We have also met with some success in popularising the micro-utility model where a few neighbours share a single system. Based on this model, we can install micro-grids connecting rural households or businesses. We can also develop hybrid models depending on the situation. For example, in rural market places, we can successfully install solar bio-gas hybrids, where biogas plants are powered with human and market waste. Flexibility can be added to the model through providing plug in options for extra facilities, to individual households and businesses.

Promoting eco-villages/zones in coastal areas: We can create eco-villages or zones where each home and business is run using solar and other renewable energy technologies.

