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## Solutions and improvements

RENEWABLE energy has always been marketed as the best choice against climate change. However, each resource comes with its own challenges:

- **Biogas** – Most potential biogas sites are located away from the grid, making it uneconomical for grid-connection.

- **Biomass** – There is risk in procuring a steady supply of feedstock (e.g. paddy husk) at a reasonable price. Remote location of renewable energy plants and local-level issues also contribute to grid connection issues.

- **Small hydro** – These sites are usually located in remote areas with dense jungle, causing the working environment to be challenging and tough. Delays are also caused when obtaining financing from banks and permits from state governments and other

environmental agencies, as the industry is still in its infancy.

- **Solar PV** – There is currently no specific financing model for smaller solar PV developers. Solar programmes such as net energy metering or self-consumption are also not widely known.

While financing takes the crown for the issues of all these resources, solutions to other concerns such as connectivity, technical issues and working environments can be improved with the right engineering expertise and efforts in research.

Combining the efforts of the Government, corporate players, researchers and engineers, the goal of having renewable energy as 20% of the country's power source may no longer be a pipe dream.