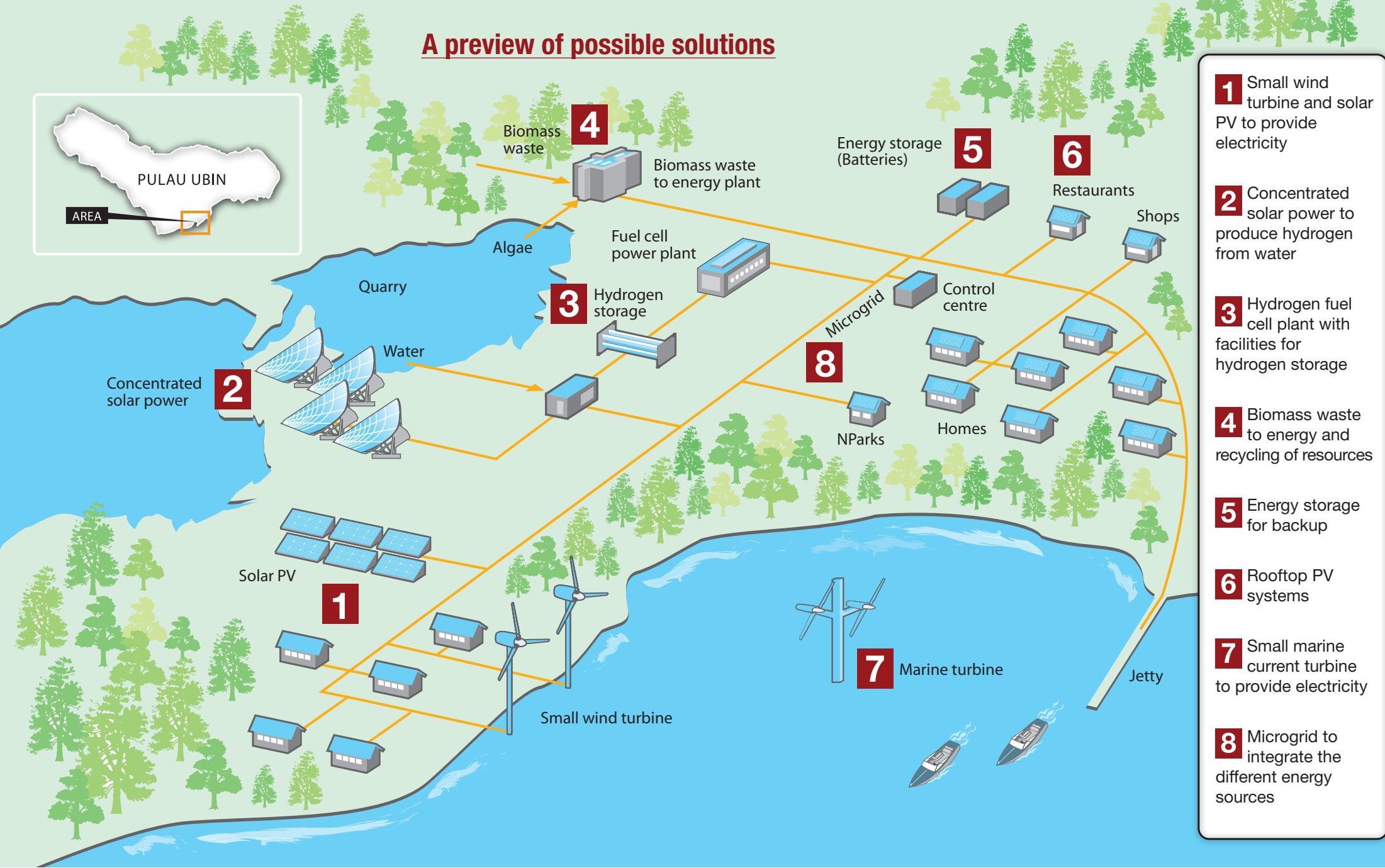


Powering Pulau Ubin with Clean and Renewable Energy

Project aims to make Singapore a launch pad for new energy technologies

A preview of possible solutions



1 Small wind turbine and solar PV to provide electricity

2 Concentrated solar power to produce hydrogen from water

3 Hydrogen fuel cell plant with facilities for hydrogen storage

4 Biomass waste to energy and recycling of resources

5 Energy storage for backup

6 Rooftop PV systems

7 Small marine current turbine to provide electricity

8 Microgrid to integrate the different energy sources