



Low Carbon Town Activities in Singapore

APEC EGNRET 35 • Kawasaki, 13-14 Oct 2010

Punggol Eco-Town by HDB

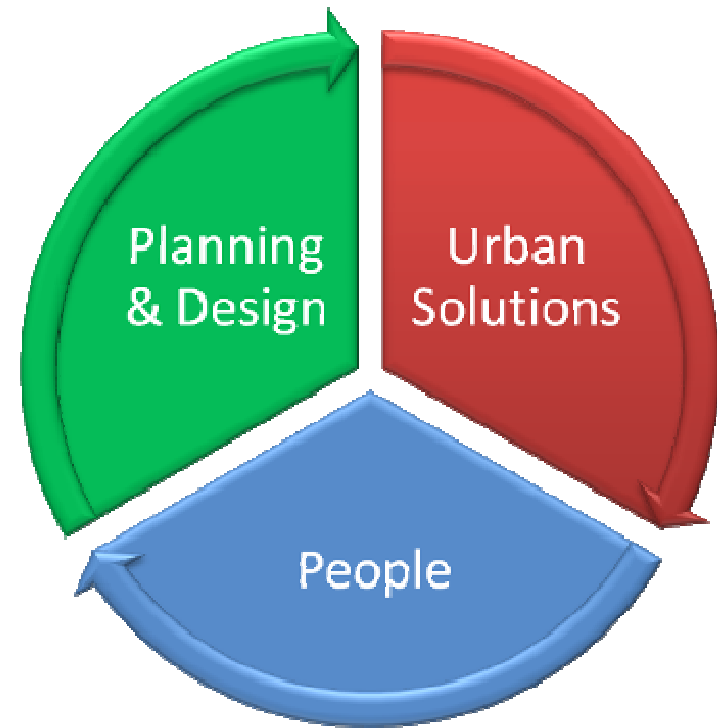


PUNGGOL TOWN
A Waterfront Eco-Town for the Tropics



Punggol Town

Development Framework



Punggol **eco** Town

Green Living by the Waters



Punggol **eco** Town

R&D - Living Laboratory



Soak-Away rain garden : *cleanse water through filtration and biological uptake*



Bio-engineering techniques : *cleanse and slow down surface run-off*



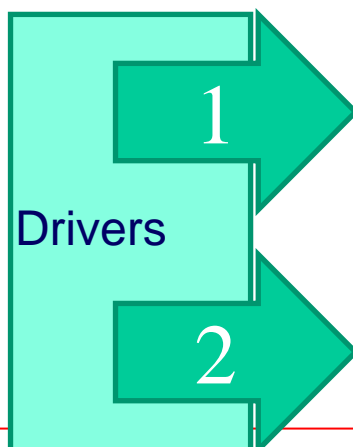
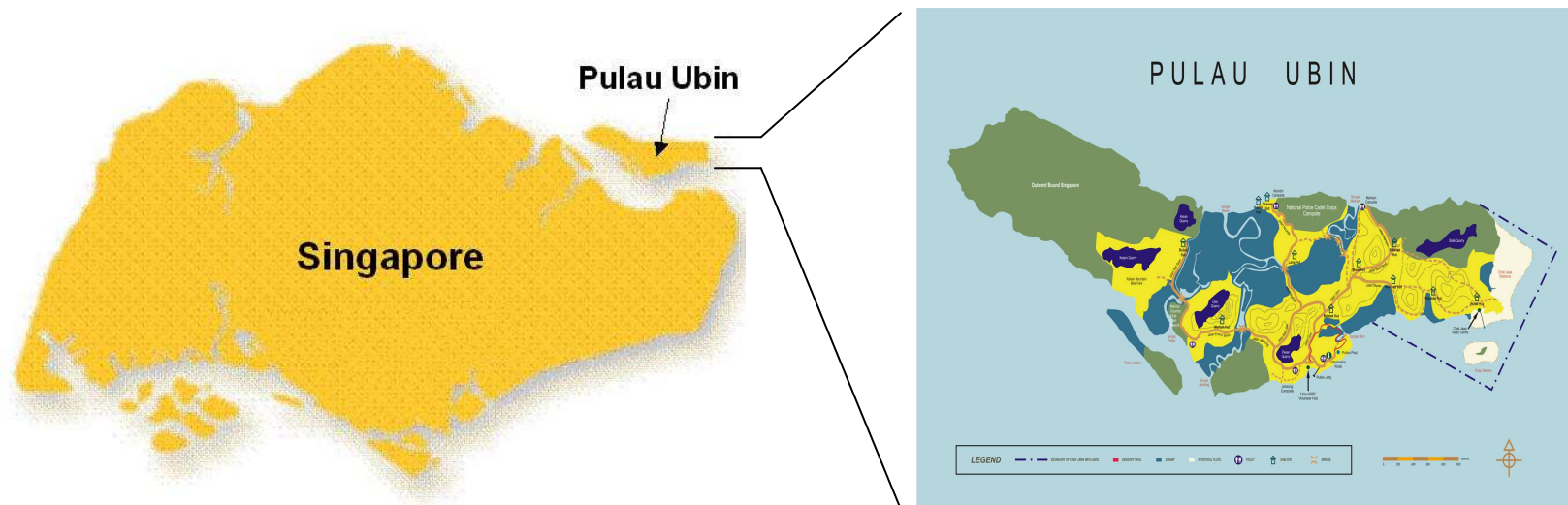
Freshwater Mangroves : *cleanse water through filtration and biological uptake ; promotes biodiversity*

Floating Wetlands technology : *cleanse water through biological uptake, promotes biodiversity*



Test-bedding on Pulau Ubin

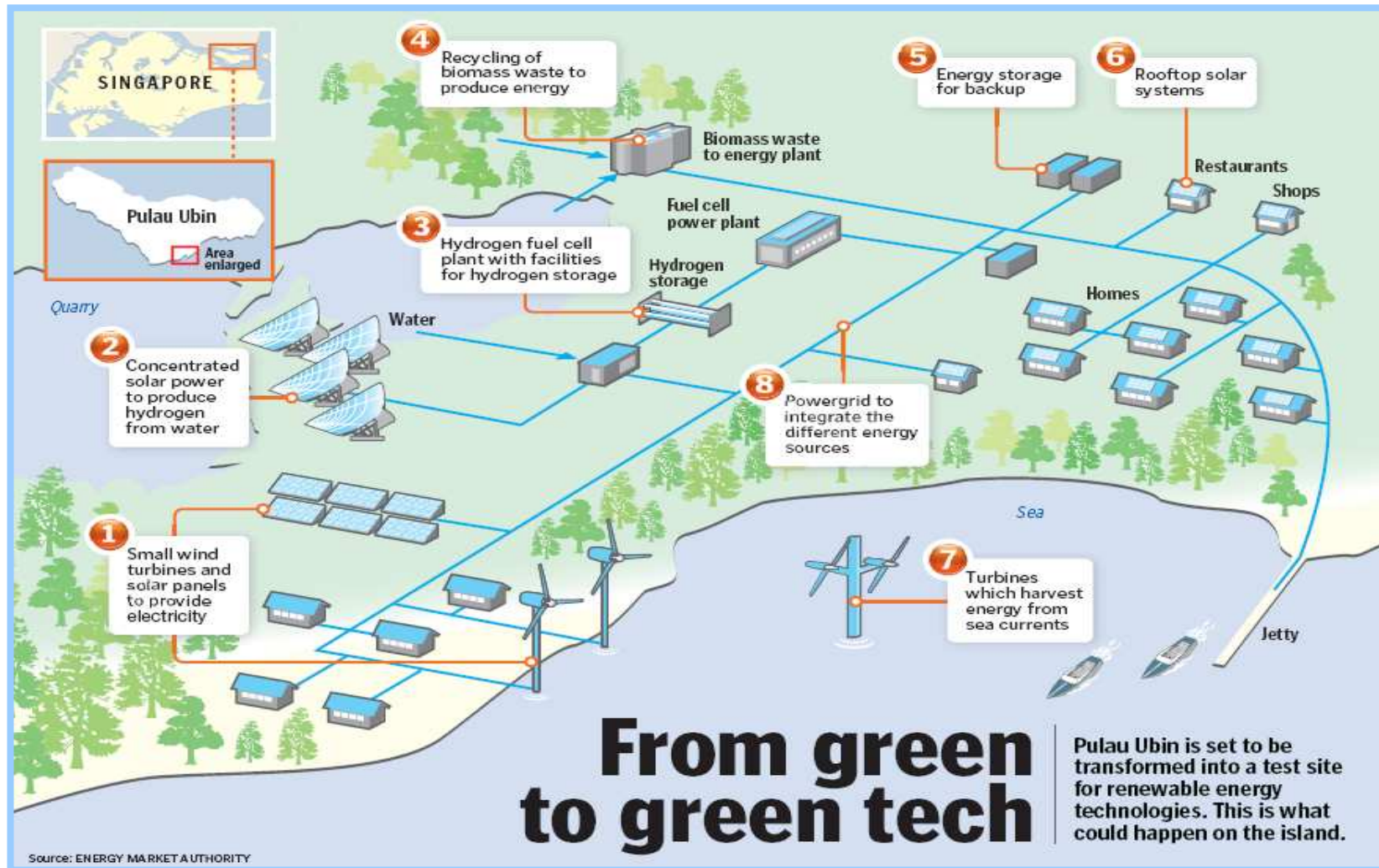
- To showcase an environmentally, socially and economically sustainable generation of renewable energy for an off grid community



To develop micro grid infrastructure with renewable energy to meet current and future total electricity demand of Pulau Ubin

To facilitate connection of close-to-market renewable energy technologies for demonstration or test-bedding purposes

Test-bedding on Pulau Ubin



Sino-Singapore Tianjin Eco-City



Thank You