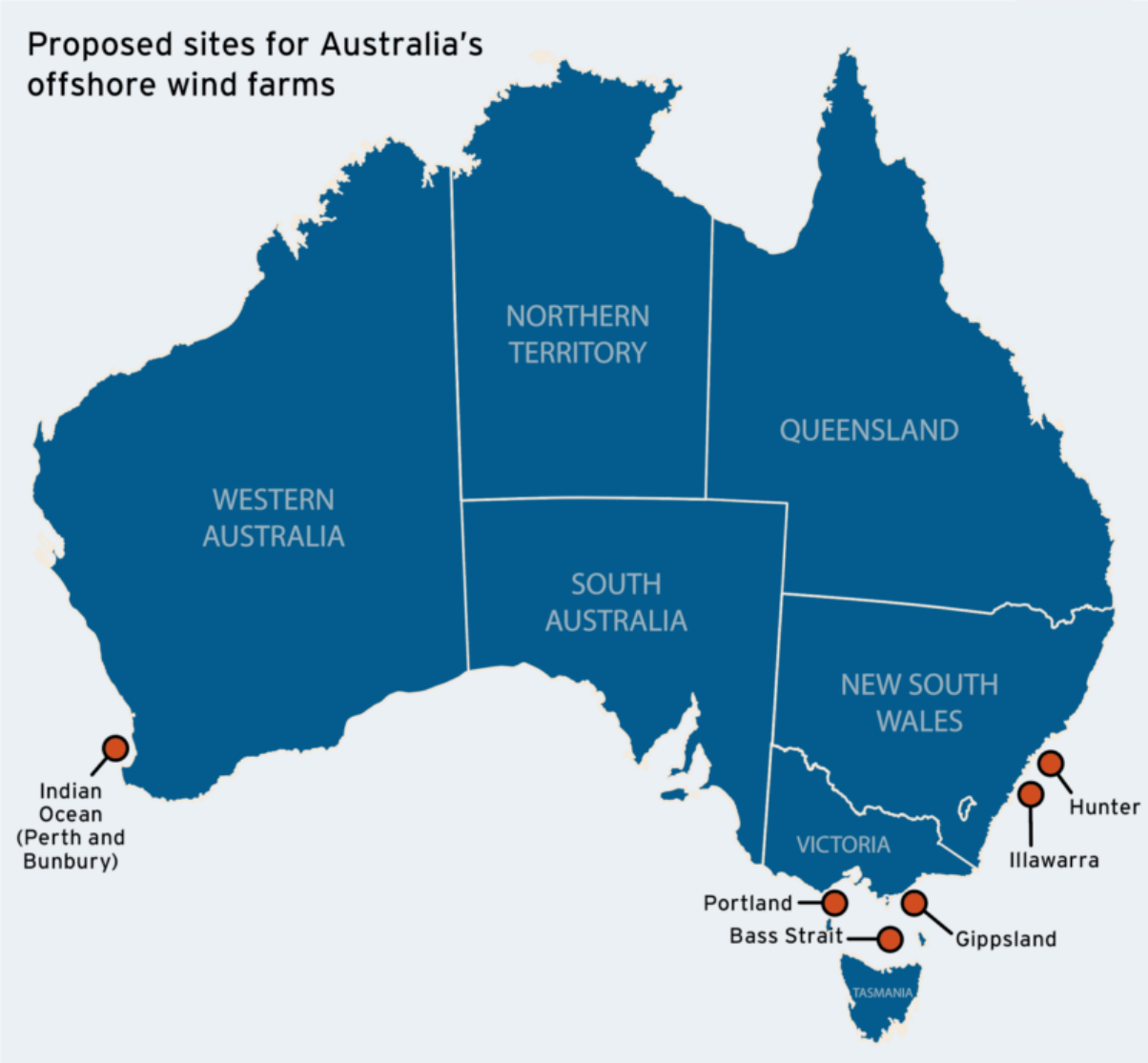
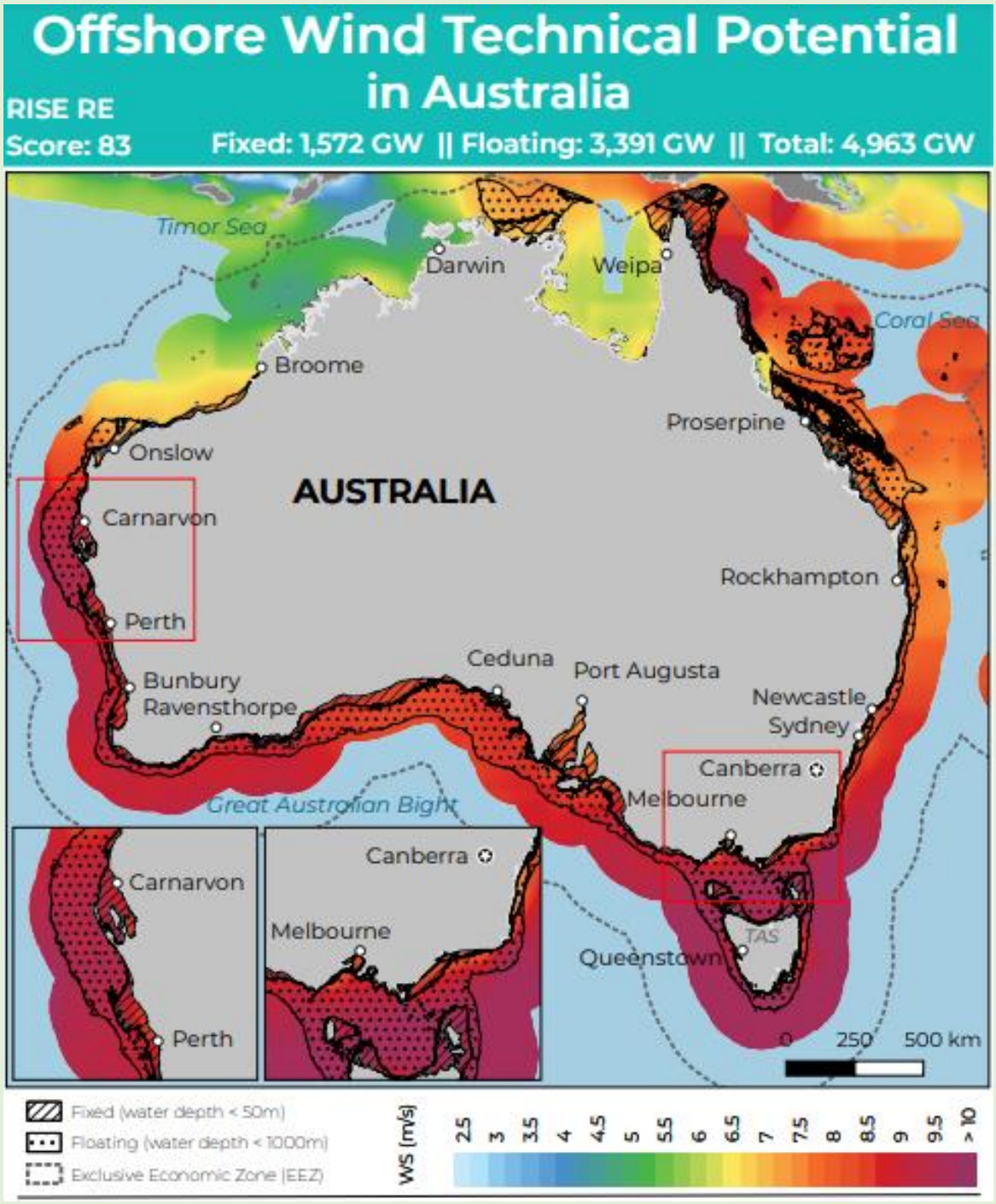
Offshore Wind and Hydrogen Australia

Australia has all the attributes to be a major powerhouse in APAC

The announcement of a new site in Victoria, coupled with a ministerial visit to Portland can be allied with five further offshore wind arrays represents a global market opportunity I've been tracking and sharing with the community.



The zeitgeist is changing including the aftermath of the disastrous fires a few years ago, and political changes have swung the momentum in Australia as elsewhere.

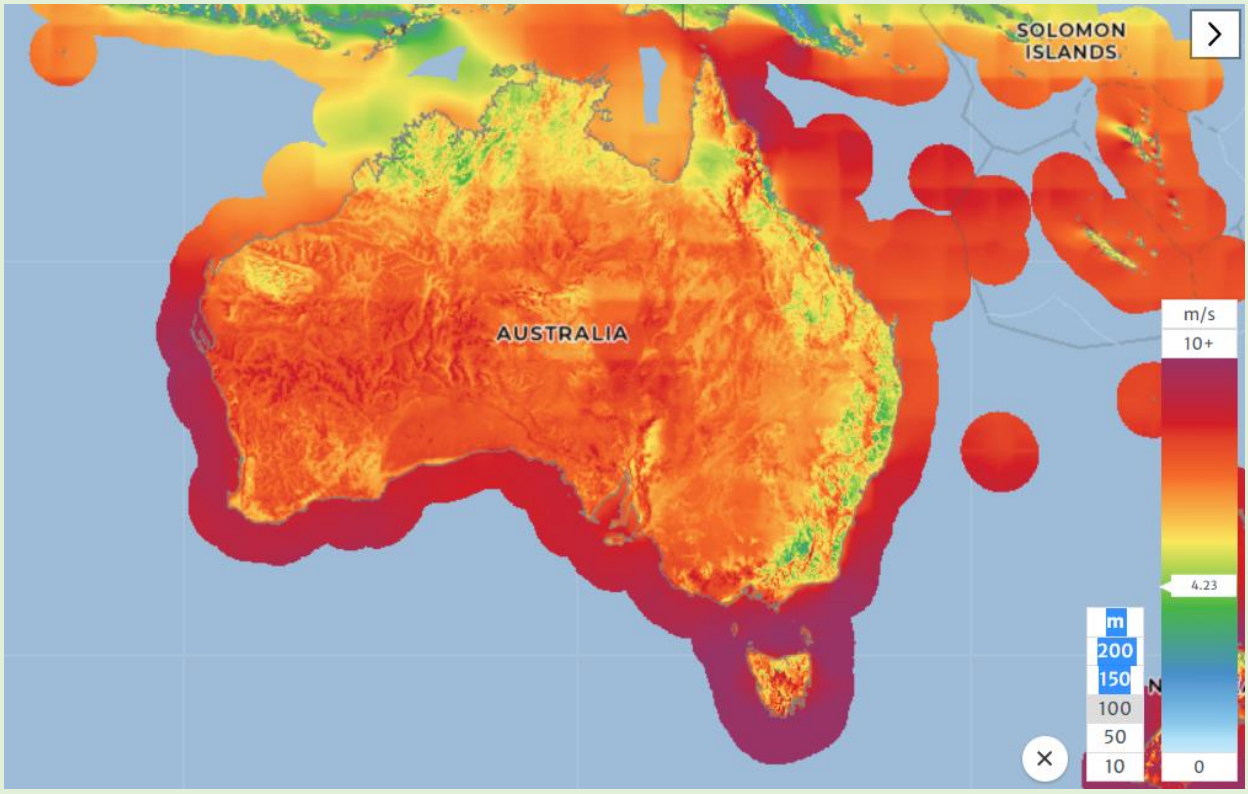


The potential, according to high level appraisals emanating from GWEC indicate of 1500 GW of the mature fixed foundation offering with a remarkable 3,391 GW available for the nascent floating sector.

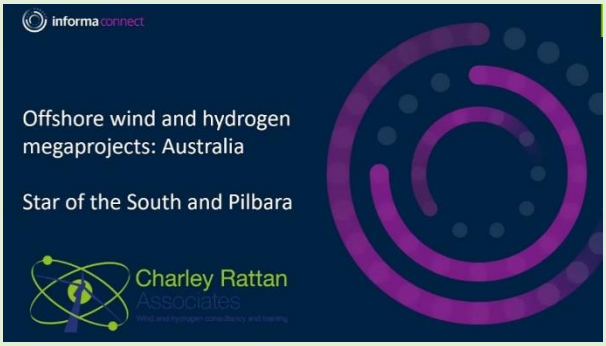
An analysis of how island economies Offshore-wind-hydrogen-and-island-economies benefit from early adoption for energy cost of imports and expensive grid connection. The business case between expensive renewables and expensive existing baseline and narrower than elsewhere.

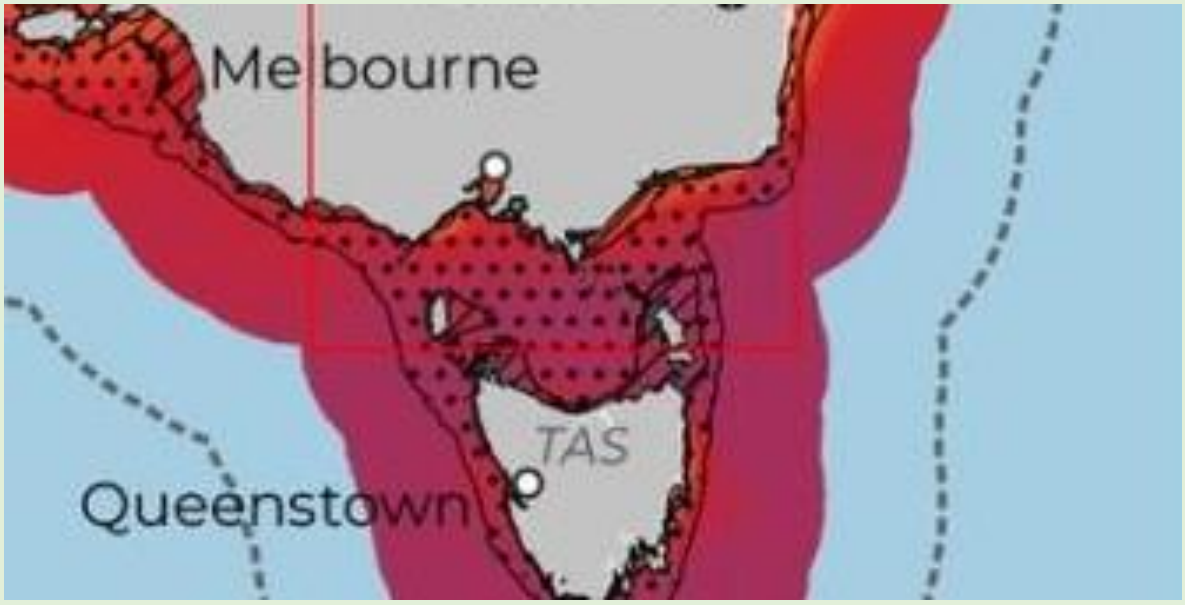
Australia is a large island, with Tasmania a smaller one close by and both fit this description perfectly and the latter has an interesting concept in development at Bell Bay

The ability of the Australian State of Tasmania to provide low-cost, near-100% renewable power through its mainly Government-owned electricity generators and transmission and distribution networks places it in an enviable position. Tasmania is the only region in Australia currently supplying its residents and industries with fully renewable electricity.



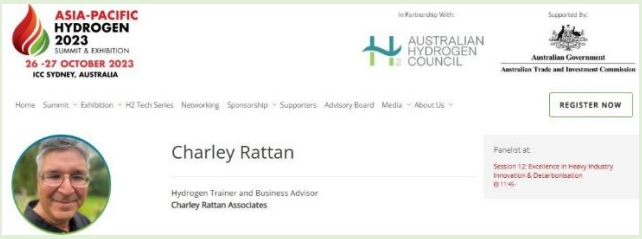
That same electricity can be used to produce competitively priced green hydrogen and derivatives through electrolysis of water. In this way, the use of fossil fuels can ultimately be displaced in all applications in Tasmania and beyond, not just in power generation.





The common feature of most similarly advantaged regions around the world is their reliance on decades of hydropower infrastructure development. Tasmania is no exception, with the State-owned Hydro Tasmania providing over 80% of the electricity distributed in the Tasman power grid.

Tasmania by its renewable power infrastructure, in particular the Bell Bay Advanced Manufacturing Zone, is an ideal location for the development of new green hydrogen-based industries, given its status as an existing industrial zone and its access to renewable power, a seaport, and a skilled local workforce



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