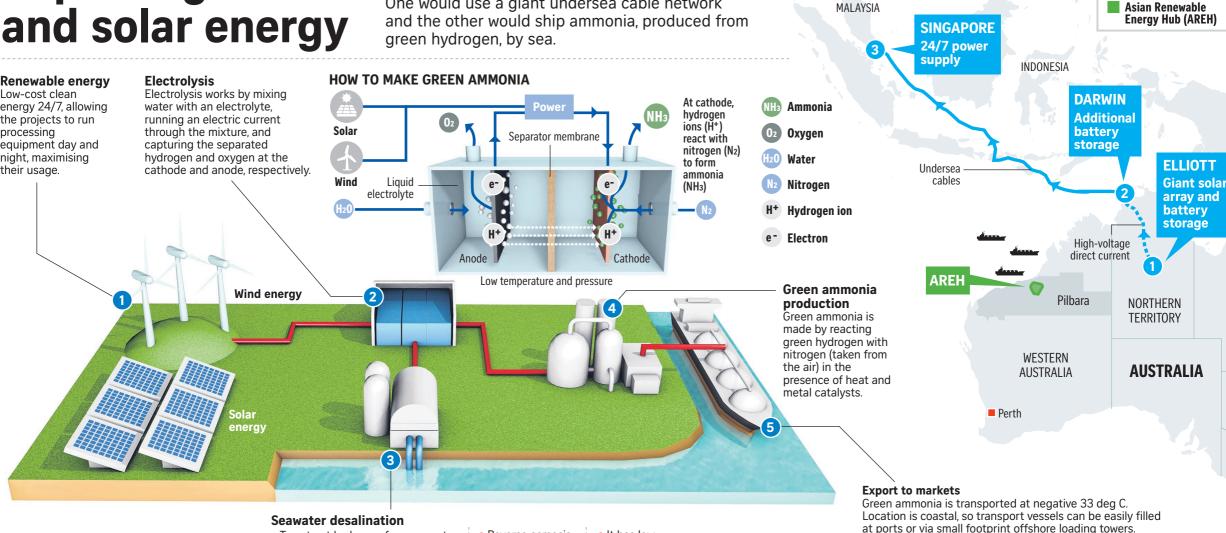
Capturing wind and solar energy

Two Australian mega projects aim to send solar and wind power captured in Australia to Singapore. One would use a giant undersea cable network



 To extract hydrogen from seawater, it must first be desalinated.

- Reverse osmosis technology is used.
- It has low environmental impact.

Length of high-voltage direct

Amount of Singapore's electricity supply the project could meet

AREH

Cost of project, to be built in phases

size of Singapore)

(about 9 times the

Total power generation capacity

Number of wind turbines

GREEN AMMONIA solar panels

Area of

Plans are to use it as a fuel in ships, locomotives and power stations.

- Key ingredient to make fertilisers.
- Hydrogen stored in the ammonia can also be extracted (dehydrogenation) to be used as a fuel for industry, transport (heavy vehicles such as trucks), heat and power generation.

The Australia-Asean

Power Link

The Australia-Asean Power Link Total area

Total cost of project (S\$21.7 billion)

12.000ha Total generation

current (HVDC) cables to Singapore