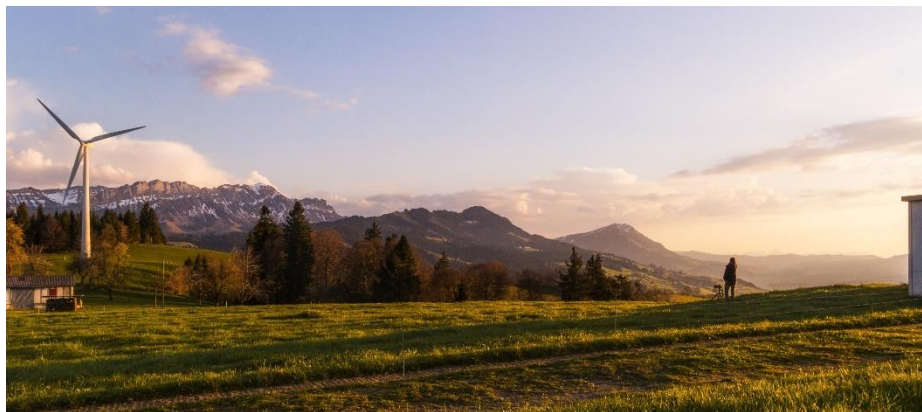


In 2019 the global wind power capacity increased from 60GW to 651GW. That is 30 times the total demand of the NEM in the same year. Wind is no longer the niche energy source it began life as at the turn of the century but is now a vital cog in the ever evolving low-carbon, net zero energy fuel mix.

Here in Australia, the sector growth is continuing with 9.5% of Australia's energy coming from wind power in 2019. This was aided by 837MW of new turbines being commissioned. 2020 has continued this strong growth with a reported 30 projects under construction or due to begin.



By the end of 2019, the installed capacity of windfarms in Australia was 6,279MW at over 100 sites. This allowed it, for the first time, to be a larger contributor to clean energy than Hydro. Although as discussed below, this was due to Hydro being impacted by the drought conditions.

The benefits of this energy source can be seen beyond the diversification of the fuel mix. It is argued that the benefit to farmers in land rental income and direct and in-direct employment, can boost the economy of the area during and following the construction phase.

Installed and Proposed Capacity

