

QUEENSLAND'S RENEWABLE ENERGY BOOM



Renewable energy is booming in Queensland, but the future of the industry is at risk without strong government leadership.

That's the conclusion from a new report that, for the first time, analyses the growth of the renewable energy industry in Queensland, region by region.

Right now, there are 27 new solar and wind farms under construction across the state, and another 69 renewable energy projects in the development pipeline¹.

Combined, these projects are expected to create almost 40,000 construction jobs and 1800 ongoing jobs, and could bring \$28 billion in investment to the state.

This leaflet presents the key findings from the report *Renewable Energy across Queensland's Regions* by respected industry analysts Green Energy Markets.

With an abundance of solar, wind, hydro and biomass resources, Queensland is ready to generate all the clean, affordable energy we need...

Queensland is rich in renewable energy resources. In fact, wind and solar farms in Queensland are able to produce 20-50% more electricity per unit than the international average. That gives us a huge competitive advantage on the world stage, so in years to come Queensland could even export electricity to

neighbouring countries. The latest technologies can deliver clean, affordable power night and day, whenever it's needed, using pumped hydro, solar-thermal or large-scale battery storage.

The map at right provides a current snapshot of Queensland's large-scale renewable energy industry.

It shows known renewable energy projects that are already operating, under construction, or currently being planned. We can expect to see many more projects like these proposed in the future.

Map data current at May 2018.

“The vast majority of these projects will only proceed if there is new government policy to encourage further carbon pollution reductions in the electricity sector”

Tristan Edis, industry analyst, Green Energy Markets

NOW

THE CURRENT RENEWABLE ENERGY BOOM

The renewable energy power stations coming online between 2015 and 2020 will deliver



5,687

JOBS IN CONSTRUCTION²



273

ONGOING FULL-TIME JOBS



\$4.2

BILLION IN INVESTMENT



25%

OF QUEENSLAND'S ELECTRICITY NEEDS³

THE FUTURE

PROPOSED NEW CLEAN ENERGY POWER STATIONS

There are 69 more large-scale renewable energy projects planned across Queensland³.

If all proceed, they could deliver



ALMOST

34,000

JOBS IN CONSTRUCTION²



OVER

1,500

ONGOING FULL-TIME JOBS



\$24

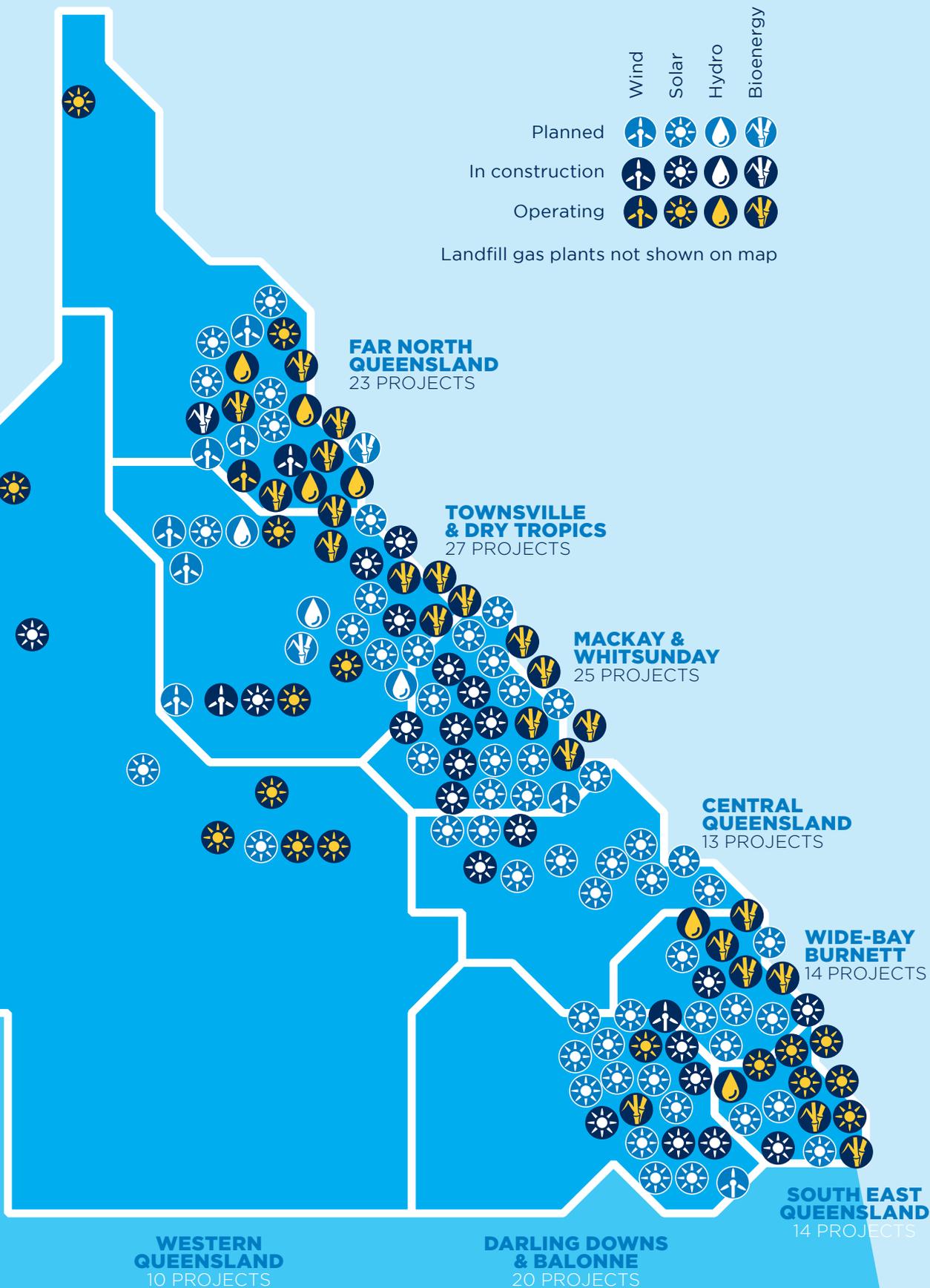
BILLION IN INVESTMENT



90%

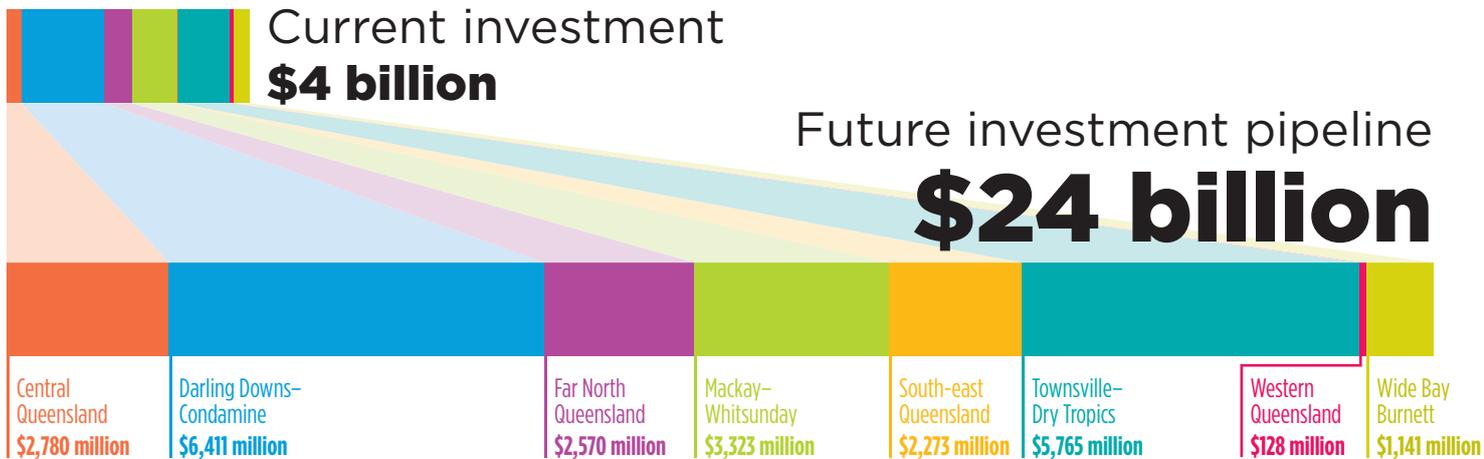
OF QUEENSLAND'S ELECTRICITY NEEDS³

QUEENSLAND'S RENEWABLE ENERGY POWER STATIONS



SHARING THE BENEFITS ACROSS REGIONAL QUEENSLAND

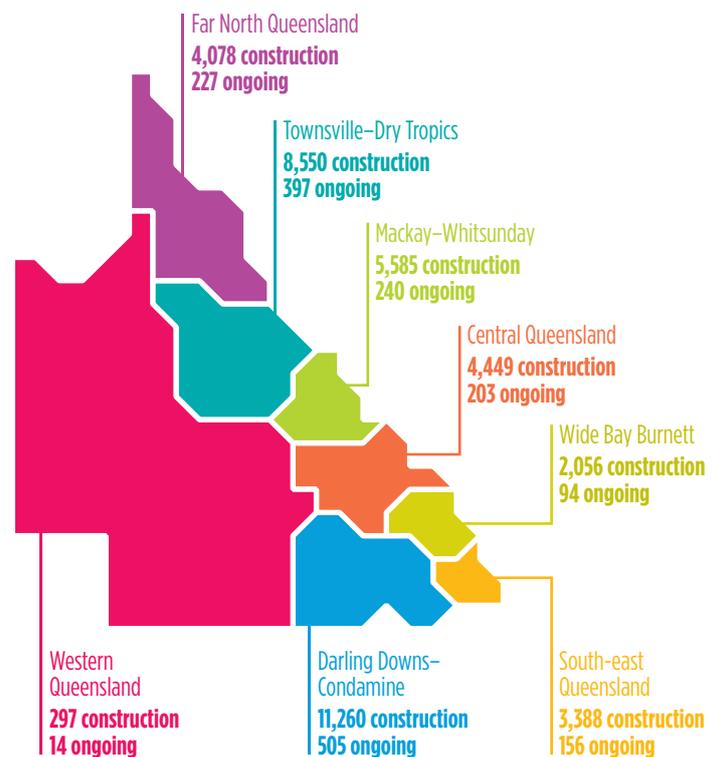
Many regions across Queensland are benefiting from the renewable energy boom. Current and planned future investment is spread across the regions, creating jobs and business opportunities for local communities.



Figures represent the total investment value of renewable energy projects located in the region.

CREATING GOOD JOBS IN RENEWABLE ENERGY

Queensland needs a pro-active industry development plan to maximise the local jobs each project delivers, ensure good working conditions, and help local businesses take advantage of these new economic opportunities. Building state-owned clean energy power stations is also essential to maintain public control of Queensland’s energy system.



Right: Total jobs the renewable energy projects in each region will create, both inside and outside the region.

Read more – the full report can be downloaded at solarcitizens.org.au/qld_regions.

Unless otherwise specified, all figures in this leaflet are from the report *Renewable energy across Queensland’s regions* by Green Energy Markets industry analyst Tristan Edis. Details current at June 2018.

- 1 Each section of a multi-stage development is counted as one “project”.
- 2 Construction jobs are estimated in job years. 1 job year = 1 person working full time for one year.
- 3 Cumulative total, combined with existing renewable power stations and rooftop solar.

