

SECURING AUSTRALIA'S FUTURE: RENEWABLE RECOVERY FROM COVID-19

Our once-in-a-lifetime opportunity to become a renewable energy export powerhouse

REGENERATE AUSTRALIA

KOALAS FOREVER

TOWARDS TWO BILLION TREES

RENEWABLES NATION

INNOVATE TO REGENERATE

DONATE ADOPT

Let's support an Australian renewable export COVID-19 stimulus package

The world is facing a once-in-a-lifetime challenge as we start to rebuild from COVID-19. But it could be Australia's once-in-a-lifetime opportunity.

We have a choice. Australia can invest in old technologies and get left behind as the rest of the world shifts to a low carbon future. Or we could emerge from this crisis as a renewable energy super power in a post-COVID world.

A renewable-led recovery would create over 100,000 direct jobs and future-proof our economy.

It would bring manufacturing back to our shores, grow existing industries, unlock new industries and boost global exports.

Every dollar of stimulus spent on clean energy projects generates nearly three times as many jobs per dollar than investment in fossil fuel projects.

That's why we're calling on the Australian Government, and the states to support a \$2 billion renewable-led stimulus package.



"I'm part of a workforce that will power a clean energy future for Australians."

Craig Johnston
Operations Supervisor, sonnen Australia

Read the report:
Australian renewable export COVID-19 recovery package

Download now



Renewable Recovery

Together with business and industry leaders, we're asking for five targeted stimulus measures:

1. Battery nation: Let's unlock Australia's potential to become a leader in global battery manufacturer.

A \$500 million government investment would position Australia as a global leader in the advanced manufacturing revolution. We could become the 'battery nation', while creating 4,500 manufacturing jobs and an additional 2,300 jobs in construction and installation. [Learn more about how we can do this.](#)

2. Local solar: Let's deliver at least one new solar project in every community across the country

A \$500 million government investment would deliver the biggest solar roll-out Australia has ever seen. It would create up to 5,000 jobs and cut the cost of energy for thousands of schools, hospitals, country fire stations and Indigenous communities across regional Australia.

3. Electric bus revolution: Let's convert Australia's buses to electric; we can make the world's best buses right here, and sell them across the globe

A \$240 million government investment would see Australia fast-track the electric bus revolution and build a national manufacturing sector supplying electric buses to the world. This would double our current bus manufacturing workforce from 10,000 to 20,000.

4. Modernising manufacturing: Let's convert our manufacturing industries to renewable power sources, so they can be resilient and competitive in a global market

Australian industry is the most energy inefficient in the developed world. With a \$520 million government investment, we can reduce energy bills and boost the efficiency of Aussie manufacturing, while creating 22,000 new jobs.

5. Accelerating renewable hydrogen: Let's accelerate renewable hydrogen and become a global supplier of the 'fuel of the future'

With a \$225 million government investment we can manufacture renewable hydrogen right here using Aussie infrastructure and export it to the world. This would increase our fuel security and put us at the forefront of an expanding global market.

Download the full reports:



Rebuilding a sustainable future

Australia is famous for its endless sunshine, enormous spaces, powerful winds, world-class expertise and strong trade relationships. With the inevitable global shift to a low carbon future, we have the tools and expertise at our fingertips to become a world leader in the export of renewable energy technology.

An Aussie invented the modern solar cell. And today, Australia has one of the highest installation rates of solar in the world. We are a nation of innovation - let's show the world what we're made of.

Right now, we need to invest in Australia's professional, scientific and technical knowledge-base, and support renewable energy education and upskilling.

It's time to move forward, not backward, and deliver a stimulus package that will guarantee long-term economic, employment and environmental benefits for generations to come.

Bringing manufacturing back

A renewable export COVID-19 recovery provides exciting new opportunities for traditional industries that have been doing it tough. This is our chance to rebuild our manufacturing and export industries, and in turn, redesign Australia's future.

AUSTRALIA'S RENEWABLE RECOVERY

A \$2Bn investment in 5 stimulus measures that can lead Australia to recovery from the COVID-19 induced economic crisis, would help unlock 100,000+ jobs, while positioning us as leaders in the global renewable economy.

1 BECOME A BATTERY NATION
A \$500 million government investment would unlock Australia's potential to become a leader in global battery manufacture and create 6,800 jobs.

FAST TRACK ELECTRIC BUSES
With \$240 million Government investment over two years we can fast track the electric bus revolution in our cities, create 10,000 jobs and grow a local manufacturing sector that supplies

We know that Aussies were devastated to see our car manufacturing industry all but close-down. It's one of many examples where we've watched our skilled workers walk out the door.

But, as part of a renewables-led recovery, Aussie manufacturing will have the chance to thrive once again, making renewable energy batteries and electric buses for the modern economy, along with components for solar energy, wind power and emerging clean technology.

Through the COVID-19 crisis, Aussie manufacturers have shown that we have the ability to adapt and step up when it counts. Together, we can take on the world and create a cleaner, safer and brighter future.

3 ACCELERATE RENEWABLE HYDROGEN
A \$225 million stimulus will create 1200 jobs, put Australia at the front of the emerging global renewable hydrogen market and increase our own fuel security and energy reliability.

4 MODERNISE CRITICAL MANUFACTURING
With a \$500 million stimulus (plus 400 million in low-cost finance) we can cut the cost of energy for thousands of community organisations and create 5,000 jobs.

5 UNLOCK LOCAL SOLAR
With a \$500 million stimulus we can cut the cost of energy for thousands of community organisations and create 5,000 jobs by putting a new solar project into every community in the country.

A RENEWABLES STIMULUS WILL UNLOCK OVER 100,000 NEW AUSTRALIAN JOBS

There are thousands of new Australian jobs ready to go in already approved wind and solar projects

SO WHAT'S THE HOLD UP?

First, we need to accelerate 8 key transmission projects that would allow this energy to reach our homes, make electric buses, hydrogen and batteries, and modernise manufacturing.

A renewable export powerhouse

Our "Australian renewable export COVID-19 recovery package" is the first example of the kinds of projects that could make Australia a renewable export powerhouse. There are opportunities for every part of the country to thrive through six types of renewable export:

1. Renewable power manufactured products like green steel
2. Sending electricity overseas through projects like "Sun Cable"
3. Components for renewable energy like wind turbines and batteries
4. Renewable hydrogen
5. Software and services for things like grid management
6. Clean energy expertise - in legal, financial, engineering and other fields

[Learn more here.](#)

Battery nation

Australia has powerful potential to harness energy and build a renewable future, and we can achieve this through batteries. A battery system can store excess electricity generated during the day from solar or wind power. Large scale battery storage can help stabilise the grid, future proofing our energy system or can be used in innovative new technology such as electric cars and buses. Australia has all the pre-conditions to capture the full value of the battery supply chain and there already many operations kicking off around the country. [Read more about battery storage.](#)

How battery manufacturing creates job...
Watch later Share

Watch on YouTube skills already available to us.



Hydrogen

Hydrogen is a huge opportunity for Australia. We have all of the right ingredients - some of the world's best renewable resources, particularly wind and solar, abundant land, a skilled workforce, strong R&D capabilities and well established trading relationships with countries like Japan and South Korea interested in hydrogen. [Learn more here.](#)

Local solar stimulus

In partnership with Original Power, WWF-Australia is calling for a \$70 million Aboriginal Solar Stimulus program that would support Aboriginal and Torres Strait communities to lower their power bills, reduce energy poverty and create local jobs in the installation and maintenance of solar and battery systems. [Learn more here.](#)

The case for Aboriginal and Torres Stra...
Watch later Share

Watch on YouTube a really sustainable way

Modernising manufacturing



Electric bus revolution

Demand for electric buses is growing rapidly across the globe and there's no signs of it slowing down. As a nation, we're ready to put the pedal to the metal. A \$240 million government investment in electric buses will set up a strong manufacturing sector for years to come and will mean long-lasting benefits of cleaner air and a healthier environment for everyone. Learn more about the potential of an electric bus revolution [here](#).

Modernising manufacturing

The need to manufacture products locally to ensure Australia's supply of essential goods has been reinforced by Covid-19. Yet only 7% of the Australian workforce is currently involved in manufacturing – about 729,000 people. Economic stimulus is needed to drive industry innovation and renewable energy has a role to play in this. [Learn more here](#).



The following companies and organisations have endorsed WWF's proposed stimulus package:

If your business wants to get involved and support a renewable recovery too, [get in touch with us](#).





Explore more



Will Australia choose to be a climate laggard or a leader?

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The case for Aboriginal and Torres Strait Islander Solar Stimulus

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WWF is Australia's most trusted conservation organisation. We acknowledge the Traditional Custodians, whose land we work upon and we pay our respects to their Elders past, present and emerging. At WWF, we work in Australia and in our Asia-Pacific backyard to protect endangered species and habitats, meet the challenge of climate change, and build a world where people live in harmony with nature.

Registered Charity Number: ACN 001 594 074 | NSW License Number: CFN 13143

NEED HELP ?

1800 032 551

9am-5pm Monday to Friday (Sydney time)



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