

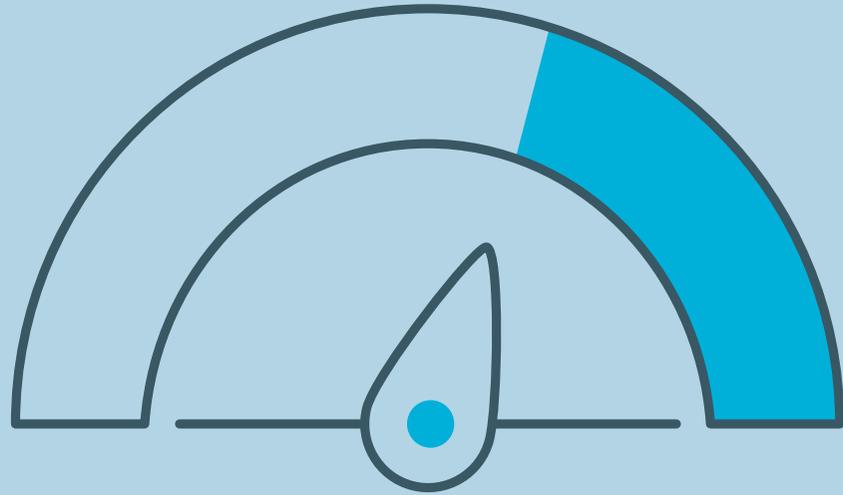


We are ARENA.  
We're innovating energy.

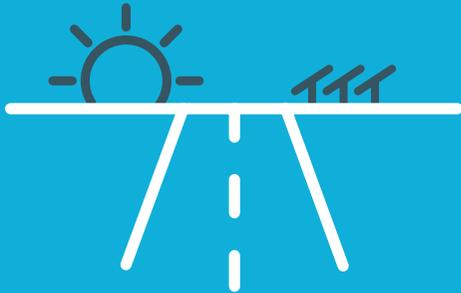


Australian Government  
Australian Renewable  
Energy Agency

**ARENA**



Our Purpose is to accelerate  
Australia's shift to affordable  
and reliable renewable energy.



## WHAT WE DO

We find Australia's best renewable energy ideas and connect them with the resources they need to help power the nation's future.



## WHY US?

There are so many new renewable energy ideas and projects being developed. On behalf of the Australian Government, it's our job to find the best and help bring them to life.

## FAST FACTS: OUR PROJECTS

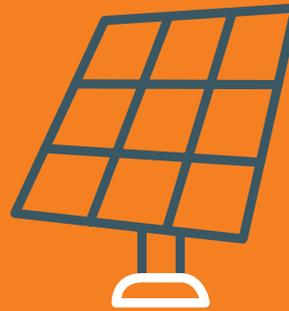


Generated  
**142**  
technology  
patents

Helped  
to break

**14**

solar cell efficiency  
world records



Unlocked



**\$2.4 billion**

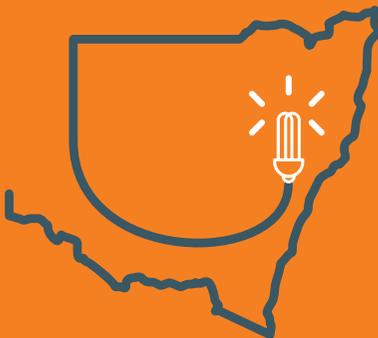
in other renewable energy  
investment

Today can  
generate

**231** MW

of electricity

(that's enough to power a  
city bigger than Newcastle)



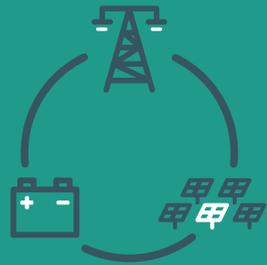
AND THERE ARE:



**\$2.5  
billion**

more worth  
of projects in  
our pipeline

# OUR FUNDING PRIORITIES



1

## DELIVERING SECURE AND RELIABLE ELECTRICITY

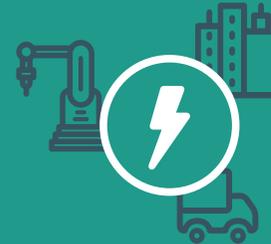
Delivering affordable low emission electricity solutions that keep the lights on.



2

## ACCELERATING SOLAR PV INNOVATION

Making solar PV more efficient and affordable through research and development.



3

## IMPROVING ENERGY PRODUCTIVITY

Helping reduce energy cost and emissions in the transport, building and industry sectors.



4

## EXPORTING RENEWABLE ENERGY

Creating new, scalable export value chains in renewable energy.

# ARENA'S IMPACT: INNOVATORS

## THE NEED

For anyone developing renewable energy innovations, getting from the ideas stage to a commercial product is a long, hard road.

## WHAT WE CAN OFFER THEM

- Funding - essential funding at the time they need it most.
- Networks - connections to experts who can help.
- Knowledge - information, data and lessons learned from similar projects.

## WHAT WE SAY TO THEM

- ARENA can help you bridge the gap between research and development and commercialisation.
- Our goal is to provide Australia with affordable and reliable energy into the future. We work with innovators who share this vision.
- Ideas need funding, knowledge and networks. We help with all three.
- ARENA actively seeks projects with the best chance of accelerating the shift to an affordable and reliable renewable energy future.



# ARENA'S IMPACT: GOVERNMENT & OTHER DECISION MAKERS

## THE NEED

Governments and regulators need to rely on an organisation with the expertise and capacity to help provide Australia with reliable and affordable renewable energy into the future.



## WHAT WE CAN OFFER THEM

- Real solutions to difficult policy problems.
- Positive stories - about economic development and jobs, especially in regional Australia.
- Expertise - in effectively transitioning the economy to a low carbon future.

## WHAT WE SAY TO THEM

- Thanks to our work, energy from large scale solar is at almost the same price as wind power - at least five years earlier than expected.
- ARENA is helping lower the cost and increase the reliability of renewable energy in Australia.
- With a \$3.5 billion project pipeline, ARENA is creating new Australian jobs, especially in rural and regional Australia.
- ARENA accelerates the development of new renewable energy in Australia.
- ARENA is also growing the broader funding market. Around 280 projects have catalysed \$2.4 billion in funding from other sources.



# ARENA'S IMPACT: BROADER ENERGY INDUSTRY

## THE NEED

The energy industry needs confidence that renewable energy projects integrate into the existing electricity system, affordably and reliably. It also needs clear information on our projects and access to our funding and networks when it seeks to innovate.

## WHAT WE CAN OFFER THEM

- Sector leadership - large scale support that benefits the entire industry.
- Insights and data - market insights, project data and other knowledge sharing products to help them innovate.
- Opportunities for collaboration - networking and knowledge sharing.

## WHAT WE SAY TO THEM

- ARENA is ensuring renewable energy integrates seamlessly with existing electricity infrastructure.
- ARENA is helping create a smooth transition to an affordable and reliable renewable energy future.
- ARENA collaborates with innovators across the energy sector, from small start-ups to large electricity retailers.
- ARENA brings participants from across the energy sector together to share knowledge and collaborate on projects through programs such as our innovative A-Lab initiative.



# ARENA'S IMPACT: THE PUBLIC

## THE NEED

Australians understand the practical benefits of renewable energy - around 1.6 million households have already installed rooftop solar panels. Now they want more of it, but in a way that is affordable and reliable. They want to be sure that when new technologies come online, the lights won't go off.

## WHAT WE CAN OFFER THEM

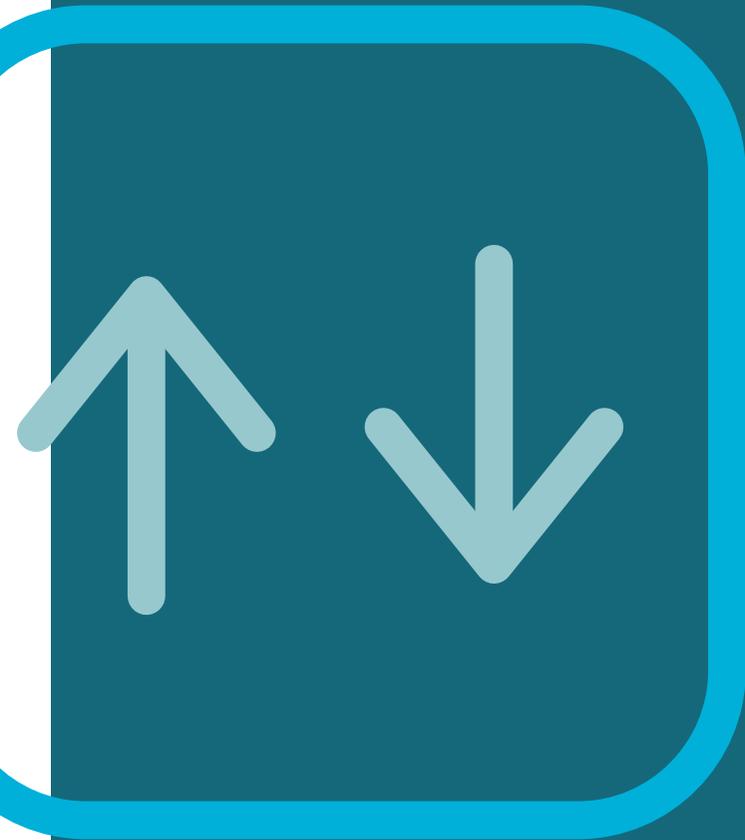
- Faster access - to affordable, reliable renewable energy solutions, made for Australian conditions.
- Security - a transition to renewable energies that ensures the lights stay on.
- New jobs - in a more diverse energy sector.
- Regional regeneration - new community building energy projects in regional Australia.

## WHAT WE SAY TO THEM

- ARENA is helping deliver affordable and reliable renewable energy to all Australians.
- Renewable energy projects strengthen communities, especially those in rural and regional Australia, by providing jobs and economic opportunities.
- ARENA is helping Australians reduce their environmental impact. Our recent large scale solar round alone will deliver one tenth of the emissions reduction needed to reach our 2020 Renewable Energy Target.
- With our new energy productivity mandate, we'll support projects that help Australian families and businesses save money by doing more with the energy they've got.



# OUR ELEVATOR PITCH



## ↑ ONE FLOOR

We find and fund today's best renewable energy ideas, to guarantee Australia's power supply for the future.



## ↑ THREE FLOORS

There are so many new renewable energy ideas and projects being developed - it's our job to find the best, bring them to life, then share the knowledge gained to grow the whole industry.



## ↑ THE RIDE TO THE TOP

Thanks to our work, large scale solar is about to become as cheap as wind power, at least five years earlier than expected.

Projects we have supported have already attracted over \$2.4 billion in other funding. And we have \$3.5 billion more worth of projects in the pipeline.

Together, these current and future projects will help deliver affordable, reliable renewable energy for Australian families and businesses.



# SOUNDBITES: USEFUL LINES FOR WHEN YOU NEED THEM

## COMMUNITY

-  ARENA is helping create a reliable, affordable and renewable new energy system for all Australians.
-  ARENA-supported technology - from solar panels to home batteries - gives Australians the power to cut their bills and carbon emissions at the same time.
-  ARENA's planned new focus on energy productivity will give Australian families and businesses the tools to do more with the energy they have.

## PROOF

-  ARENA finds new renewable energy ideas and gets them to market. So far our work has led to 142 groundbreaking innovations, in the form of new technology patents.
-  We've bridged the funding gap on 280 renewable energy projects that otherwise may not have happened.
-  ARENA is here to help Australia transition to affordable, reliable renewables. When that's done our work is done.
-  ARENA-supported solar farms are operating today, increasing the energy network's capacity by 231 megawatts.
-  The large scale solar sector is now commercially viable at least five years ahead of schedule thanks to our efforts, so we can move onto the next big innovation.

## ECONOMY

-  Renewable energy generates jobs. Our large-scale solar round is creating more than 1400 jobs across the country, many in rural and regional communities.
-  Renewable energy renews industries. Factories that previously made car parts are now making solar components.
-  Renewable energy generates exports. ARENA-supported technology is now being sold around the world, and turning Australia into an international renewable energy export hub.





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**Energy Agency**

**ARENA**