



GREEN GOLD
ENERGY

COMPANY PROFILE

PROVIDING
TURNKEY SOLUTIONS
FOR SOLAR+ PROJECTS

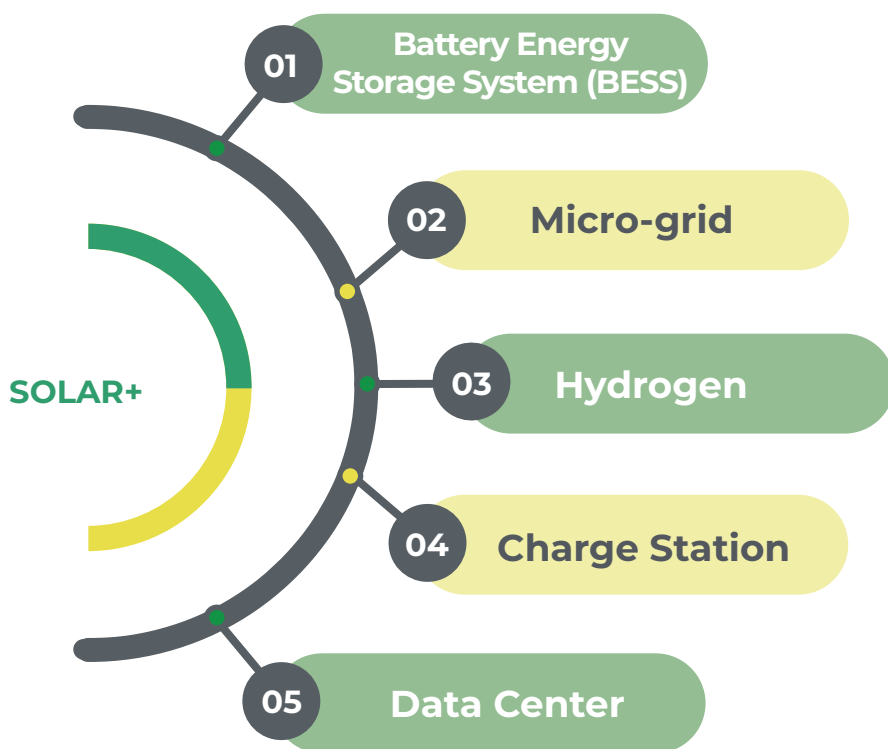
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ABOUT US

Green Gold Energy is a company providing turnkey solutions for **Solar +** Projects. We specialise in development, engineering, construction, operation and general contracting of the projects.

Since its inception in 2017, Green Gold Energy has maintained close ties with local government and network providers and has become a pioneer in the field of the renewable energy industry in South Australia, Victoria, New South Wales and Queensland.



The **SOLAR+** projects are designed for renewable energy that combine solar power generation with **BESS, Micro-grid, Hydrogen, EV Charge Station and Data Center.**



VALUES

To achieve exceptional quality, innovation.



VISION

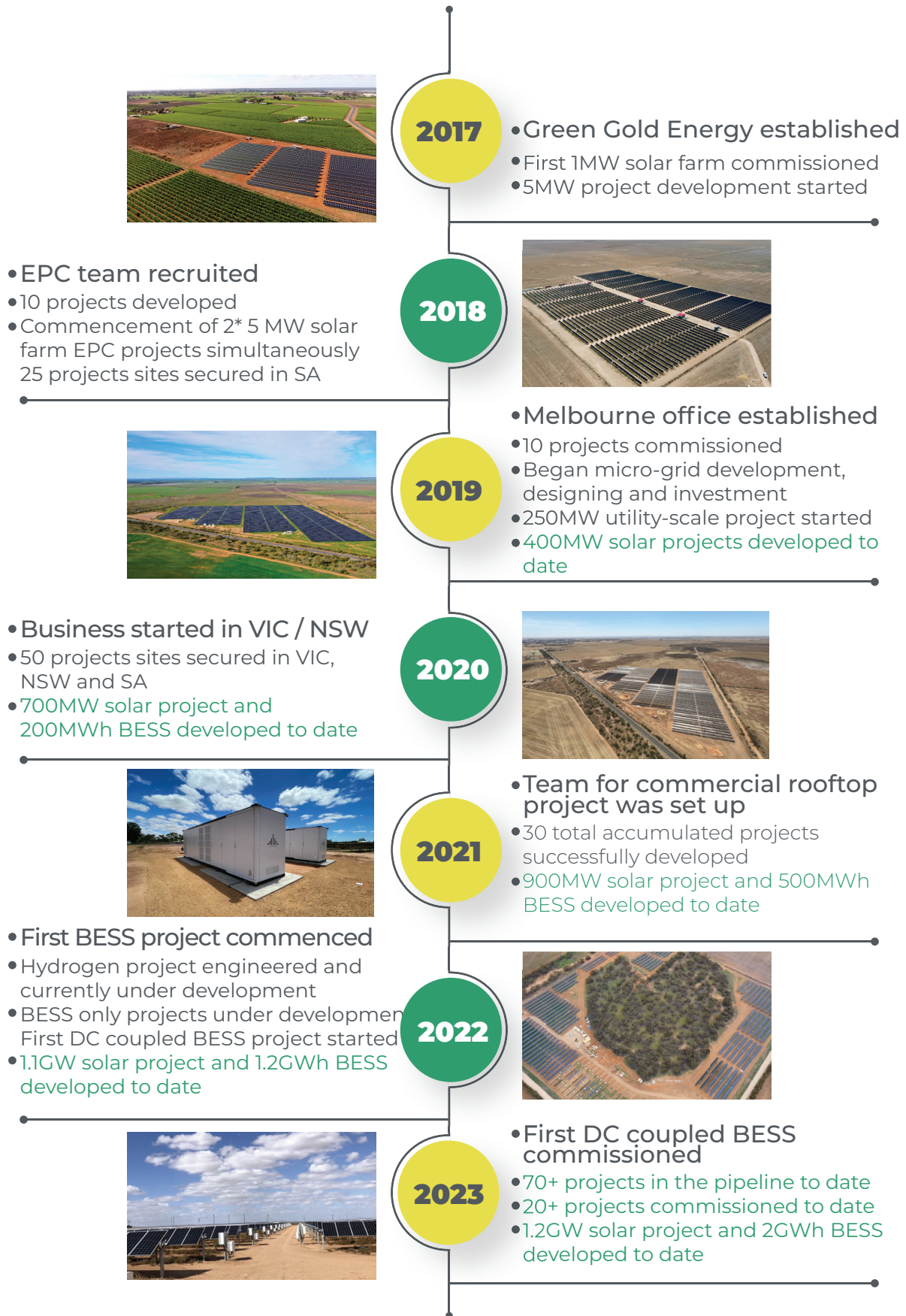
To be a leader in the renewable energy sector, driving innovation and spearheading sustainable solutions worldwide.



MISSION

To provide high-quality solutions that accelerate global decarbonization, leading the world towards a greener and sustainable future.

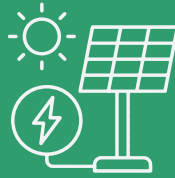
MILESTONES





70+

Solar+ Projects
under development



20+

Projects
commissioned



1.2GW

Pipeline of Solar



2 GWh

Pipeline of BESS



10 Million

Square Metres of Land
Has Been Renovated



1.2 Million

Tonnes of Carbon
Emission Has Been Saved





CAPABILITY STATEMENT

Green Gold Energy actively works to provide renewable energy solutions to a plethora of communities, from small business owners, to governments and large corporations. Up until now, more than 20 solar farms have been built across Australia and many are currently under construction.



Solar+ Project Consulting



Solar+ & BESS Project Development (Utility & Sub 5MW)



Project Engineering, Procurement & Construction (EPC)



Project Operation & Maintenance (O&M)



CER ESCOSA Registration & LGC Management



Assist in PPA & CGC Offtake

OUR TEAM

With a wealth of expertise and diverse backgrounds, our **IN-HOUSE** team brings together professionals from various backgrounds. We have assembled a talented group of individuals who share a common vision of advancing the transition to clean and renewable energy sources.

Corporate Team



JOHN HUANG
Managing Director
20 years in Investment and Management



**GREEN GOLD
ENERGY**



CJ Zhang
Chief Operating Officer
15 Years in Management



ALFRED LI
Strategy & Development Director
38 Years in Power Engineering and Management



DARREN SPRIGGS
Development & Investment Director
30 Years in Project Development



ALESSANDRO WEI
Senior Engineer
15 Years in Engineering



ARWEN JIANG
Project Manager
15 Years in PV industry



LLOYD MAO
Business Development Manager
16 Years in PV Industry



LIL TANG
Financial Manager
10 Years in Accounting and Taxation



SOFIA LAGOS
HR & Admin Manager
20 Years in Public Relations
15 Years in Management

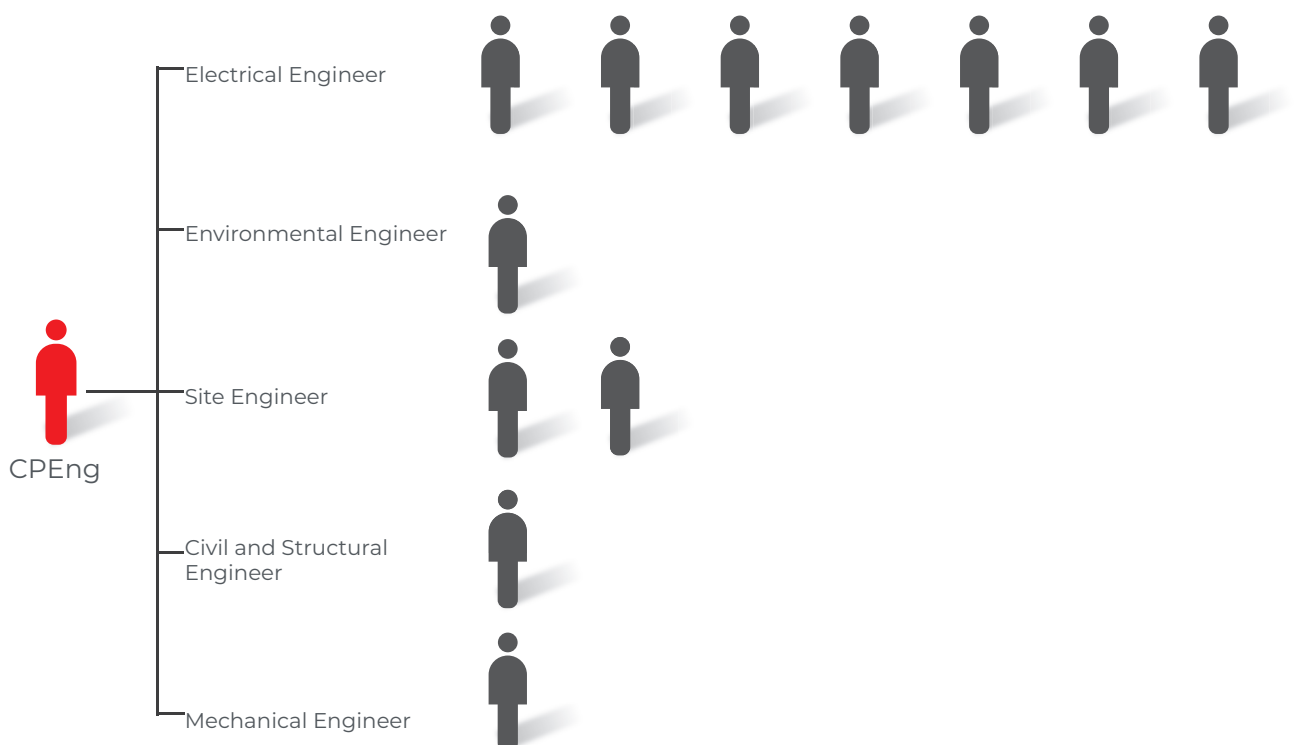


JOY YANG
Marketing Manager
8 Years in Marketing



Engineering Team

Our engineering team specialises in EPC and O&M– providing **turnkey solutions** for investors.



Key Achievements



Kerta Solar Farm

Commission Date: October 6, 2022

Developed, managed and fully EPC provided by Green Gold Energy, Mypolonga Solar Farm is a single-axis tracking project. The farm is located a few kilometres from Mypolonga in South Australia, Australia.

Installed Capacity: 4.95MW

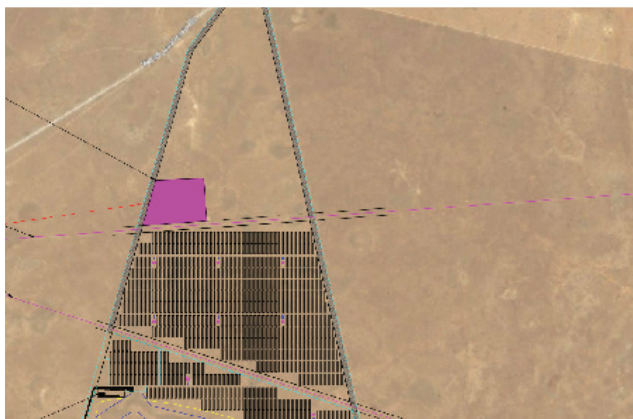


Loveday Solar BESS

Commission Date: May 4, 2023

Green Gold Energy is partnered with Sungrow to provide turnkey PV + liquid cooling DC coupled BESS solutions for this project, taking into consideration the specific site condition, client specific design and operation requirement.

Installed Capacity:
4.95MVA DC coupled PV + BESS

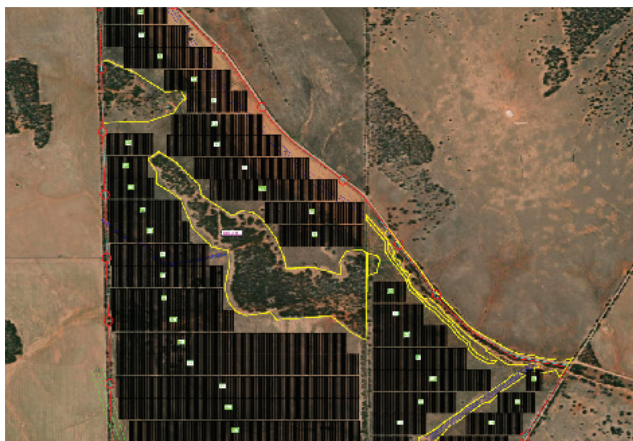


Morgan Solar Farm

Under development

The project consists of a large-scale solar photovoltaic generation facility, including battery storage upon request, with an estimated capacity of 108MW.

Installed Capacity:
108MWac 135MWdc
56MW 92MWh BESS



Australia Plains Solar Project

Under development

The project consists of a large-scale solar photovoltaic generation facility, including battery storage upon request, with an estimated capacity of 150MW.

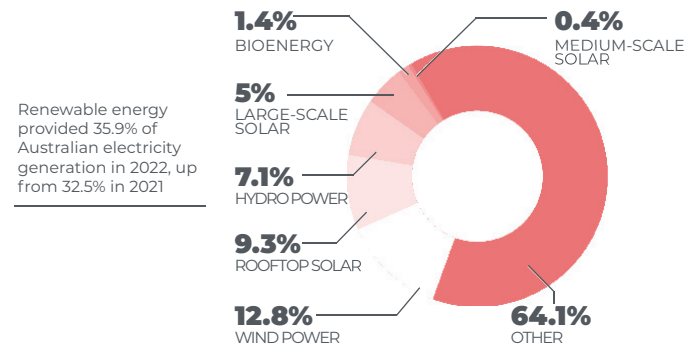
Installed Capacity:
150MWac 180MWdc
200MW 400MWh BESS

CARBON NEUTRAL

Australia has committed to achieve net zero emissions by 2050 Australia will reduce greenhouse gas emissions by 43% below 2005 levels by 2030

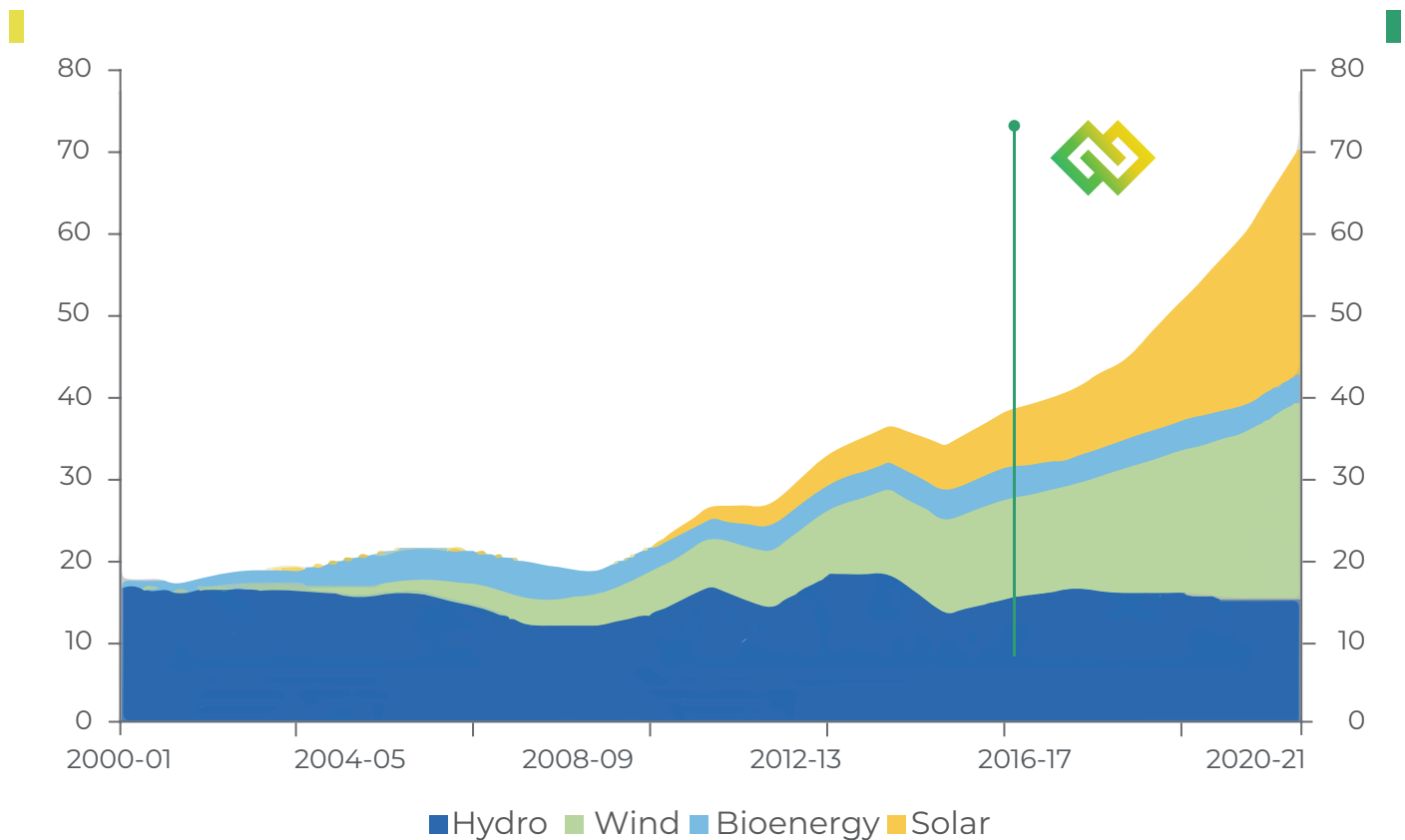
- Australia plans to grow the renewable share of the National Electricity Market to 82 percent by 2030.
- Australia has the highest uptake of rooftop solar globally, with one in three homes having rooftop solar PV.

Australia's technology focus on renewable energy



Source: State government websites

Historical electricity generation from renewable sources



Source: Department of Climate Change, Energy, the Environment and Water

The Significance of carbon neutrality for Earth

- Carbon neutral is significant for the Earth and the global community due to its potential to mitigate climate change and preserve the planet's long-term sustainability.
- Unlike fossil fuels such as coal, oil, and natural gas, solar energy does not produce harmful greenhouse gas emissions when converted into electricity, solar energy is a renewable energy source that harnesses the power of the sun to generate electricity.
- By using solar energy, we can reduce our dependence on fossil fuels and significantly lower carbon dioxide (CO₂) emissions, therefore moving closer to carbon neutrality.

The Implication of carbon neutrality for Green Gold Energy

- By neutralizing its carbon emissions, **Green Gold Energy** can contribute to reducing the concentration of greenhouse gases in the atmosphere.
- This aligns with global efforts to limit global warming and combat the adverse impacts of climate change.
- It showcases Green Gold Energy's dedication to minimizing its carbon footprint and taking responsibility for its greenhouse gas emissions.

GREEN AND BEYOND

Providing turnkey solutions for **Solar+** Projects



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Providing turnkey solutions for Solar+ Projects