



Upgrade the future by Upcycling..

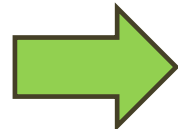
Elecsome- The first solar panel Upcycling plant in Australia

What we do?



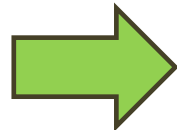
Elecsome is an 100% Australian company, specialised in Photovoltaic solar panel upcycling services.

What is Upcycling?

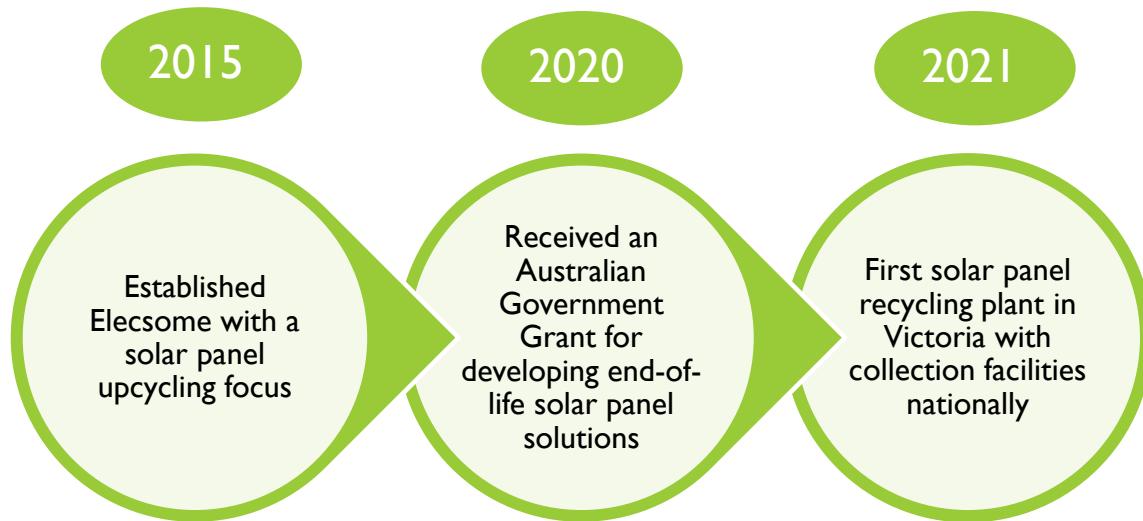


Up-cycling is the process of transforming by-products, waste materials and useless or unwanted products into new materials or products of greater quality and value.

Our partners

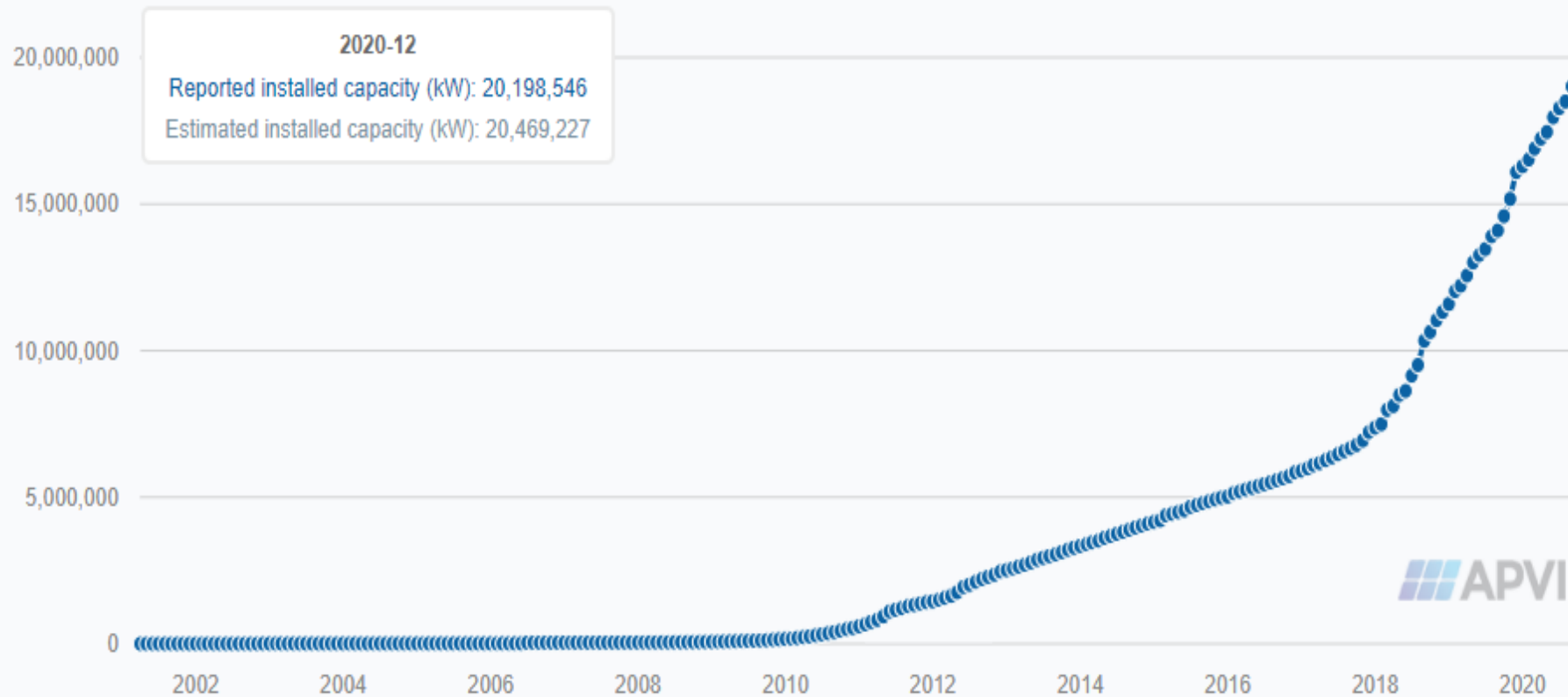


COMPANY OVERVIEW



CURRENT SITUATION AUSTRALIA

Australian PV installations since April 2001: total capacity (kW)



Reference: The Australian PV Institute

- 20.199 MW installed in Australia until 2020
- 12999 MW Small Scale
- 7208 MW Large Scale

Currently 64 million Solar panels
installed in Australia



The Problem



The Solution



From each Solar Panel:

- ❖ The glass is used as construction material
- ❖ Aluminum frames are repurposed for cans, other solar panel frames, and much more
- ❖ Electrical conductors reused in electrical goods
- ❖ EVA / Polymer / Silicon is recycled/repurposed and distributed to other industries as a raw material



Upcycling services

Each panel is almost totally re-used and re-purposed here in Australia

Elecsome Factories

97% Recycled



Collection

We organise freight from your sites to ours



Decommissioning

From electrically decommission PV systems to restore the site for any new works



Mobile Plant

PV recycling on site



Silicon



Aluminium



Conductors



Technology research driven high EOL solar panel materials recovery (~97% average recovery rate)

Advanced cost-effective techniques and processes to separate and collect recovered EOL solar panel materials

First solar upcycling plant in Australia

Thank you !

The logo consists of a bright yellow rectangle on the left and a dark grey rectangle on the right. The word "ELEC" is written in dark grey on the yellow background, and "SOME" is written in bright yellow on the dark grey background.

ELECSOME

Upgrade the future by Upcycling..