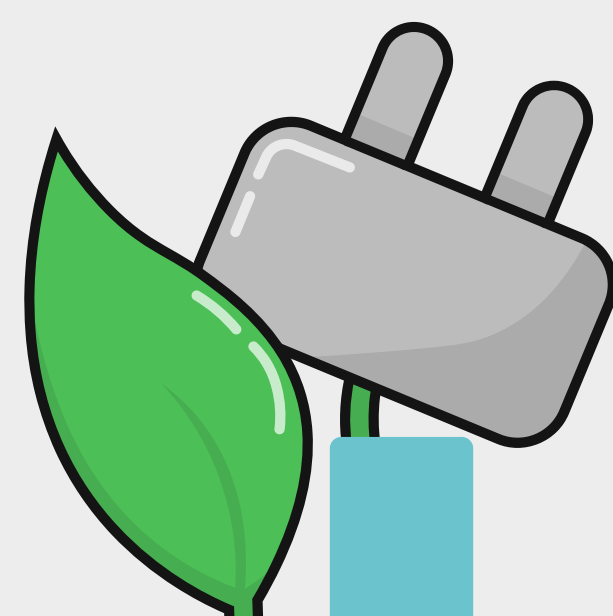


## Highlights from the Singapore

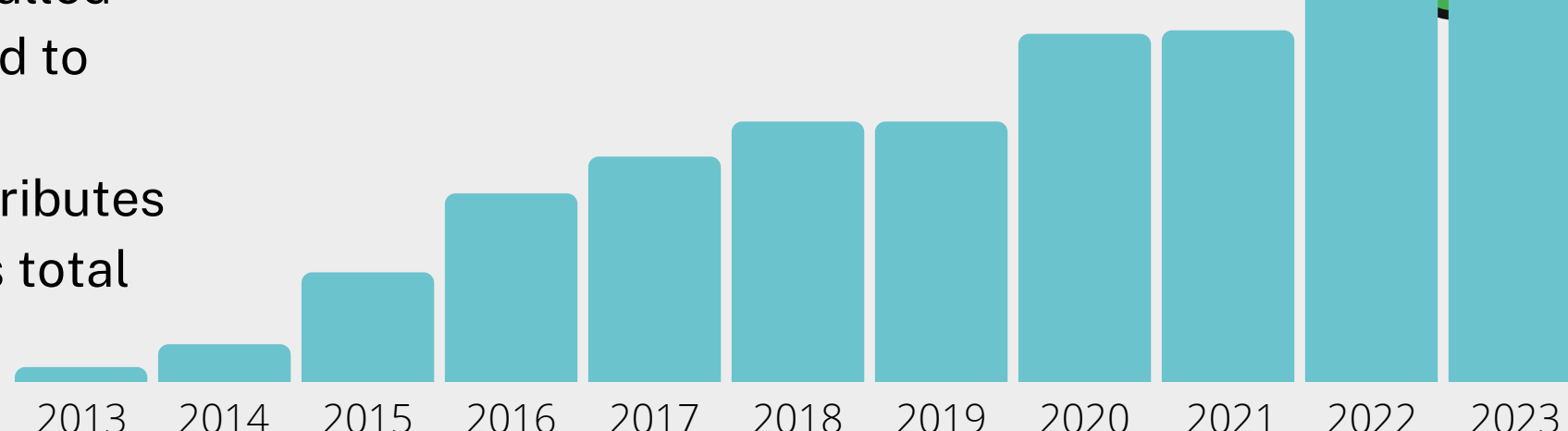
# Aerospace Industry Solar Report 2023

## Total Installed Solar Capacity

**42.3 MWp**



- The total installed capacity in 2023 is at 214% of the 2020 figure.
- More solar capacity was installed from 2021-2023, as compared to the preceding 8 years.
- The Aerospace industry contributes more than 4% of Singapore's total solar capacity.



## Total Electricity Produced Annually

**48.2mil KWh**

This amount of electricity can power **10,600** 4-room flats for a year.

Estimated avoidance in carbon emissions per annum

**19.5 million kgCO<sub>2</sub>**

Equivalent to the CO<sub>2</sub> absorbed by **888,181** mature trees.



## Solar Installations

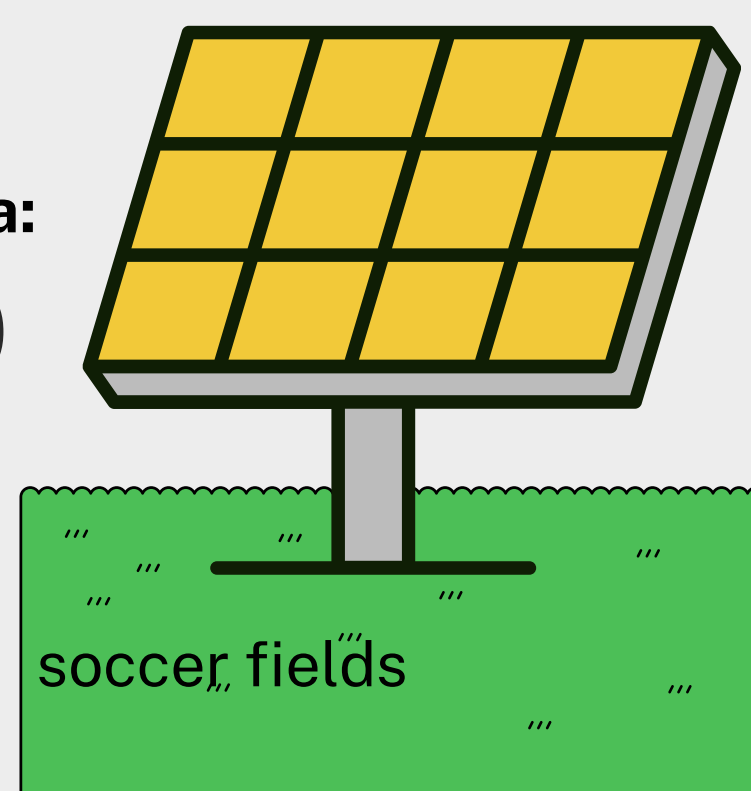
**48**

- The number of aerospace industry solar installations in 2023 leapt 182% from the 17 recorded up to 2020.
- New installations are generating 39% more electricity per square meter compared to the previous period.
- Over 60% of aerospace companies with suitable (owned or leased) facilities have embraced solar power.

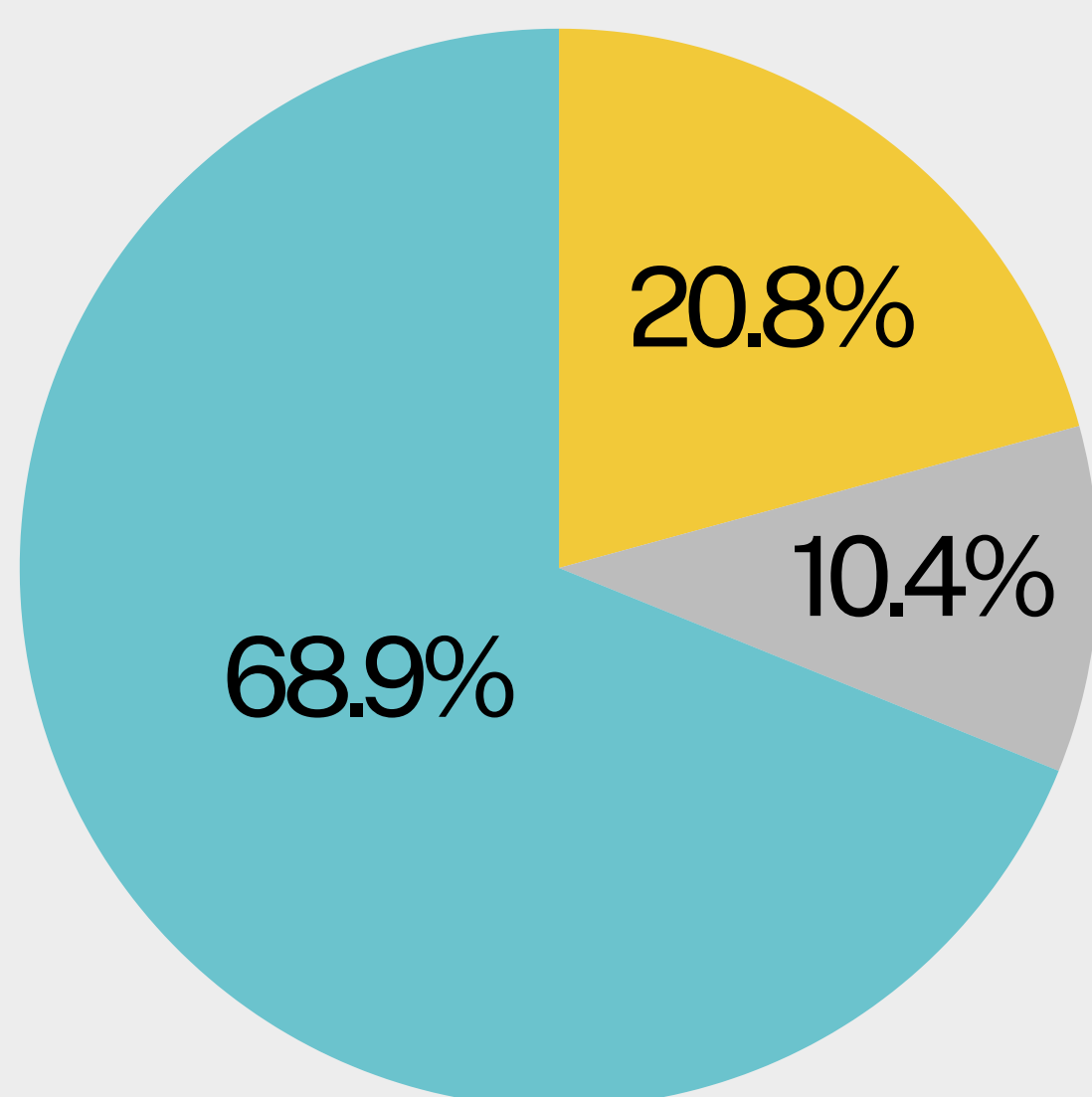
Total deployed area:

**253,029 sqm**

Equivalent to **35**



soccer fields



## Deployment Models

### Rooftop Licensing

The JTC licensed rooftop scheme supports tenancies in JTC factories.

### Solar Leasing

This is also known as a 'solar power purchase agreement (PPA)'.

### Direct Ownership

The building owner owns the solar PV system and associated outputs.

## Download the Full Report

The Singapore Aerospace Industry Solar Adoption Report (SAISAR) 2023 is published in collaboration between the Association of Aerospace Industries (Singapore) and JTC. For more, visit [aais.org.sg/saisar2023](https://aais.org.sg/saisar2023)

