

Sustainability & Social Stewardship Highlights

Solar produces clean energy, but SunPower does more. We raise the bar for environmental and social responsibility by thoughtfully considering our products' entire lifecycle—as well as the welfare of our employees, customers and communities around the world. We call this Beneficial by Design.

SUNPOWER®

Our "Beneficial by Design" Philosophy



Powering A Brighter Future

Helping to protect our environment for future generations

Electricity generated by SunPower® systems avoided **8.96 million metric tons of CO₂** in 2018 alone



Equivalent to the CO₂ emissions from **20.74 million barrels of oil consumed**³



Equivalent to greenhouse gas emissions from **1.9 million passenger vehicles driven for 1 year**³



Lead and Cadmium-Free

SunPower® 96- and 128-cell E- and X-Series panels are RoHS-compliant

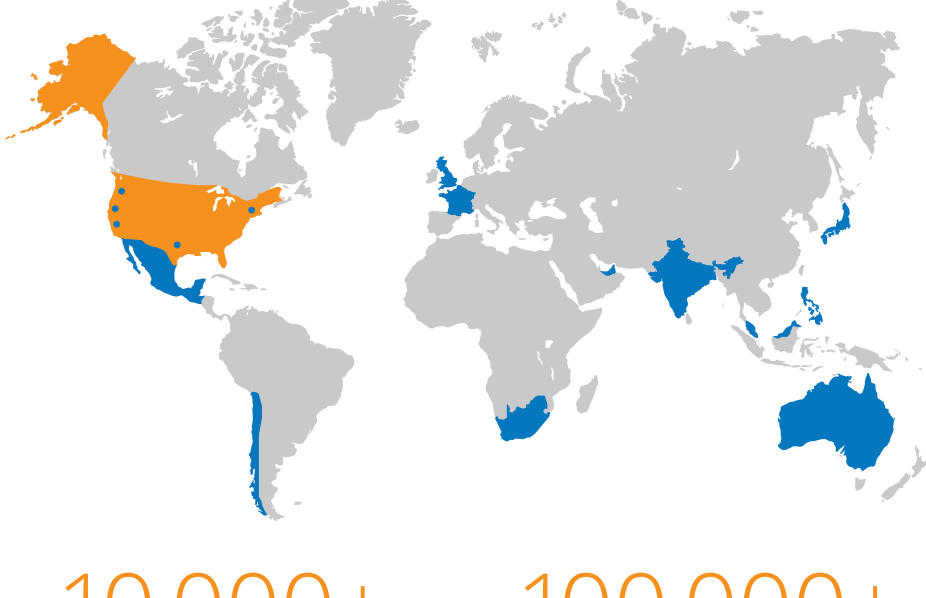


Photovoltaic (PV) Solar Recycling Program

Led the Solar Energy Industries Association (SEIA) effort to create an industry-wide recycling program

Powering The Economy

Driving economic growth across the nation as part of a thriving solar industry



6,500+

SunPower employees worldwide

10,000+

Jobs with local SunPower dealers and installers nationwide

100,000+

U.S. solar jobs added from 2013–2018⁴

6x faster

Solar employment rate than the overall U.S. economy from 2013–2018⁴

Powering Sustainable Manufacturing

Driving economic growth across the nation as part of a thriving solar industry



Cradle to Cradle Certified™ Silver

First solar panel manufacturer to earn this distinction for high standards in material health, water stewardship, and social fairness



Landfill-Free Verification

Only solar company to have a landfill-free facility verified by NSF Sustainability (Mexicali, MX)



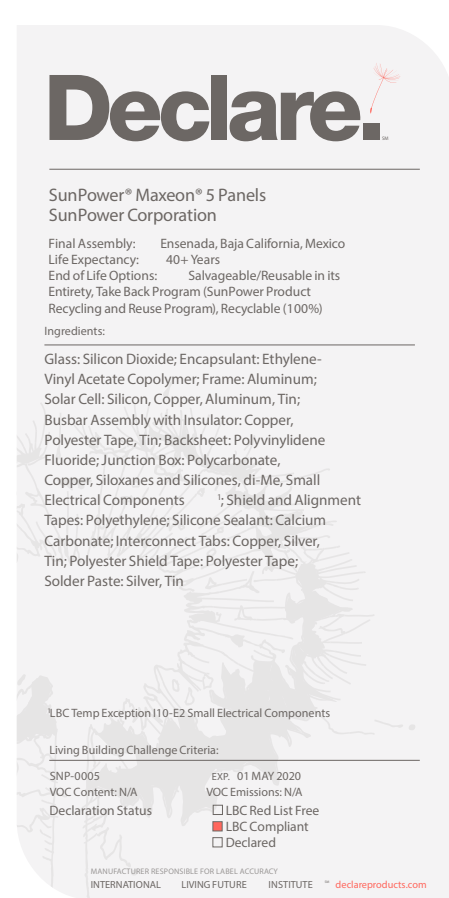
LEED Certification

Five LEED-certified facilities across the globe with plans to build additional sustainable operations



#1 Ranking on SVTC Scorecard

Highest scoring solar producer for three years running on Silicon Valley Toxics Coalition's Solar Scorecard (2015-2017)



Leader in Product Transparency

All SunPower Maxeon solar panels are Declare labeled

Powering The Educational System

Inspiring and educating the next generation of advanced energy leaders

The SunPower Horizons® Program

helps teachers unlock students' potential and open their minds to the many career opportunities available in STEM-related fields.



24,000 students reached



In the Classroom

Customizable STEM solar education for K-12 and beyond, including curriculums, lesson plans, guest mentors and more



In the Field

Field trips, internships and service trips, highlighted by our immersive 5-day Summer Solar Energy Academy program



Educator Development

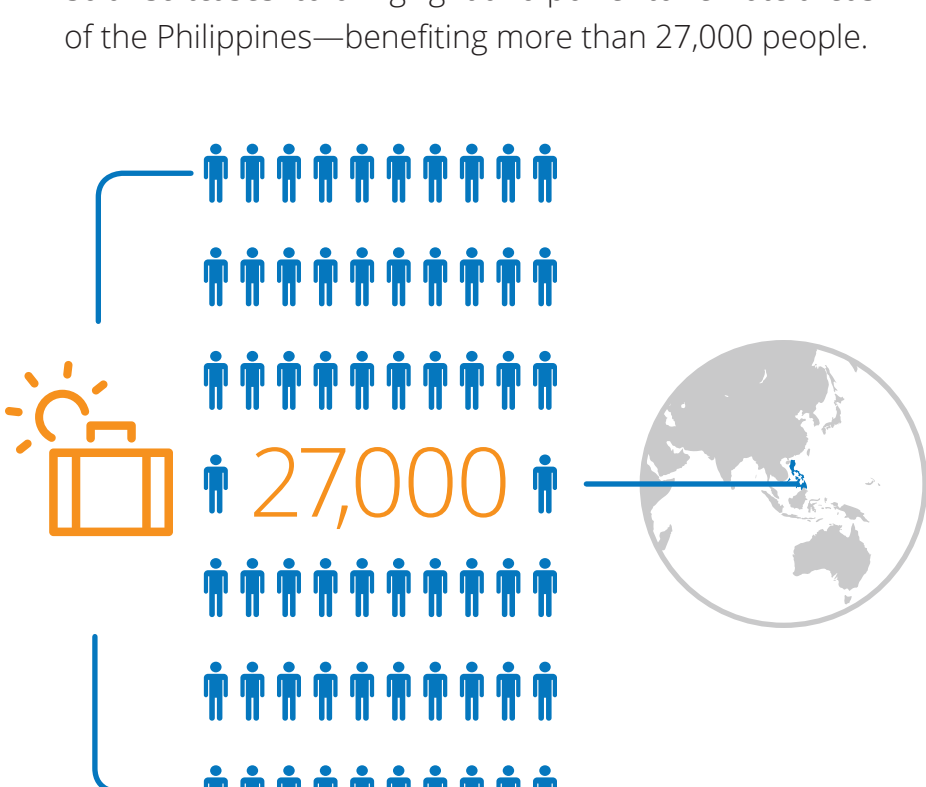
Teachers can acquire hands-on, real-world proficiency in the solar industry through training, job shadowing and externships

Powering Communities

Improving the welfare of the communities where we live, work and serve is an important component of SunPower's commitment to social responsibility

The Solar Suitcase Project

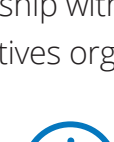
In partnership with We Care Solar, this project deployed "solar suitcases" to bring light and power to remote areas of the Philippines—benefiting more than 27,000 people.



\$32M

expected savings

over 25 years for the 1,150 low-income families helped through our partnership with the Grid Alternatives organization



6,300+

employee hours donated

via our VTO (Volunteer Time Off) program—supporting over 100 organizations.⁵

Learn more about SunPower's past and future sustainability efforts at sunpower.com/sustainability

¹ Fthenakis, et. al. Life Cycle Analysis of High-Performance Monocrystalline Silicon Photovoltaic Systems. Energy Payback Times and Net Energy Production Value. EUPVSC, 27th, 2012. Conventional panels take 60% longer to offset their energy footprint w/ fn: De Wild-Scholten, M (2013). Energy payback time and carbon footprint of commercial photovoltaic systems. Solar Energy Materials and Solar Cells, 119, 295-305.

² SunPower Module 40-Year Useful Life, SunPower white paper, 2013. Useful life is 99 out of 100 panels operating at more than 70% of rated power.

³ Estimates are according to the U.S. Environmental Protection Agency's Equivalencies Calculator: <https://epa.gov/energy/greenhouse-gas-equivalencies-calculator>

⁴ <http://www.thesolarfoundation.org/national>

⁵ Estimate reflects the number of employee volunteering hours logged in the BrightFunds online database as part of SunPower's VTO (Volunteer Time Off) program.

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