

# Solar2World in the Americas

Donations of SolarWorld panels boost rural, off-grid communities in developing countries





## SolarWorld Americas concentrates on Latin America

SolarWorld, one of the world's largest solar manufacturers, long has partnered with nonprofits in donating solar panels through its Solar2World program. Projects have eased energy needs of hospitals, orphanages and schools in rural, off-grid communities in the developing world, especially Africa. For the 2010 World Cup soccer tournament in Cape Town, Solar2World set up 36 solar-powered media centers. As a result, African soccer fans were able to watch the sports action on their own continent and use the centers to air educational, health and other programming.

After SolarWorld began expanding its U.S. manufacturing operations in 2006, the company's U.S. sites broadened Solar2World's focus to include Latin America. With sites in California and Oregon forming the largest and most experienced U.S. solar manufacturer, SolarWorld could more sustainably ship panel donations into locations like Nicaragua, Haiti and Brazil. In 2009, Solar2World teamed up with Partners in Health (PIH), an international medical relief organization, and Solar Electric Light Fund (SELF), a U.S. nonprofit that uses sustainable energy to aid developing communities, to solarize a PIH hospital at Boucain-Carré, Haiti (upper photos). The solar system – free of fuel, exhaust, maintenance and noise – replaced diesel generators that were not only more expensive but less healthful.

Immediately after earthquake disaster struck Haiti in January 2010, SolarWorld answered calls from the U.S. nonprofit Water Missions International to provide solar power for stations to pump clean water, one of the most critical immediate health needs, for schoolchildren and other groups at various civic sites (lower photos).



## Targeting area of greatest need

By mid-2010, the enormity of the Haiti disaster's devastation was overwhelming. In response, Solar2World partnered again with SELF in donating 100 kilowatts, the biggest solar donation ever, to power five additional PIH hospitals beginning in 2011.

In the photo on the cover, Dr. Christophe Milien, medical director of a PIH hospital at Lacolline, stands before a newly installed SolarWorld array alongside his patient Roselene. Milien nurtured her back to health from a combination of deadly ailments. The photographs above show scenes from solarized hospitals in Lacolline, Laschobas and Thomonde in clockwise order from upper left. The other two hospital solar projects are at Verettes and Petite Rivière.

### Solar advantages

- + Independence from utilities
- + Protection against power outages
- + No fuel to buy, ship or manage
- + No noise or moving parts
- + No exhaust or emissions
- + Long life: SolarWorld solar panels are guaranteed for 25 years or more and can last much longer
- + Easy to maintain – no oil changes or overhauls
- + Modular, scalable, adaptable

**Solar electricity can help deliver light, water, education, communication and health care to places the electrical grid just can't reach.**



## We are building a solar world

As a vertically integrated company totally dedicated to solar manufacturing, SolarWorld can help bring solutions for power needs virtually anywhere in the world. We have a large network of in-country distributors and installers throughout Latin America, where we have operated for decades. We stand ready to respond to opportunities for loyal partnerships with innovative initiatives and high-impact projects.



### Sustainable SolarWorld

- ⊕ Manufacturing within major markets
- ⊕ End-of-life product recycling
- ⊕ Western-market labor practices
- ⊕ Environmentally sound manufacturing & technology
- ⊕ Transparency in accordance with U.N. guidelines

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