



## PROMOTION OF SOLAR ENERGY IN CHILE

As of: August 2019

## OBJECTIVE AND ACTIVITIES

With increasing cost reductions in solar technology, solar power and heat supply comes in Chile on a growing interest. All previous studies confirm that Chile has in its north an enormous potential for the use of solar energy, which is so far nearly unused, but can make an important contribution to security of supply in the future. The DKTi project joins the existing commitment of German development cooperation in supporting the launch of grid-based renewable energies. The technical module aims to improve the conditions to develop a market for solar energy in Chile (focusing on Concentrating Solar Power (CSP) technologies) and consists of six work packages: 1) Policy advice and regulation; 2) integration of renewable energies in the electricity market; 3) technologies and applications; 4) Capacity Development; 5) information and communication; 6) International Outreach with the region.

## STATE OF IMPLEMENTATION/RESULTS

- Project supports the advisory committee of the Strategic Solar Programme (PES), including the 'Solarisation' of the mining sector.
- Five scholarships (between 3-6 months) for Chilean experts for their in-depth research on CSP in German and Spanish research institutions.
- Development of a software tool on economic calculations adapted for renewable energies.
- Cooperation with the two grid operators and the regulatory authority, such as adaptation and adoption of technical standards on grid connection (Gridcode) for an improved integration of renewable energy.
- With support of the project the threshold of 1,000 MW installed PV capacity was

## PROJECT DATA

### Country:

Chile

### Implementing organisation:

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH; KfW Entwicklungsbank

### Partner institution(s):

- Ministry of Energy - Chile
- Ministry of Energy - Chile
- Chilean Economic Development Agency (CORFO) - Chile

### Duration:

03/2014 till 06/2020

### Website(s):

<http://www.giz.de/en/worldwide/388.html>  
<http://www.kfw.de/kfw.de-2.html>

## Related news and movies

## Related publications





- surpassed in Chile in early 2016.
- Support of a “Round Table” of the Chilean Ministry of Energy focusing on expanding and integrating renewable energies with a view to Chile’s energy strategy (70 per cent of electricity generated by renewables by 2050).
  - Numerous technical seminars, workshops and study trips carried out incl. site visit of a CSP/PV plant in Northern Chile (under construction: expected capacity: CSP: 110 MW el; PV: 100 MWp). Cooperation with the solar training centre of the University of Antofagasta (e.g. 12 train-the-trainers for the construction of large PV plants trained).

Factsheet: "Promoting Solar Energy in Chile"

