

BIFI PV workshop in Antofagasta

Objectives

The aim of the international BifiPV workshop is to discuss challenges and opportunities in bifacial world with the global Bifacial PV community, from materials, solar cells, systems and modelling & characterization experts. This was the second time in Chile after a very small workshop in 2016.

This time, the BifiPV workshop meets the CACTUS project, so the focus of the BifiPV in Antofagasta was enhanced with the CACTUS topics: **infrastructure, reliability, sustainability, AND with a strong focus within the Latin-America/European collaboration in PV and the energy sector.**

Program:

January 7th Tour

Explore ATAMOSTEC's cutting-edge solar research facilities, where innovative solutions are developed to improve photovoltaic performance in extreme desert climates. Attendees will have the opportunity to see advanced solar testing and reliability projects in action.

January 8, 2025:

- **Opening**
- **Bifacial technologies in desert conditions 1**
- **Bifacial technologies in desert conditions 2**
- **Degradation of bifacial technologies**

January 9, 2025:

- **Characterization and Impact of soiling in bifacial technologies**
- **Ecosystem for bifacial technologies production and development**
- **Roundtable: Opportunities for bifacial technologies in LATAM**
- **Side Event:** Second life of PV technologies with University of Antofagasta

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Results

- 6 presentations from CACTUS partners including the opening and closing including an extended talk on profitability by EURAC.
- >25 CACTUS participants involved from all partners.
- Strong impact of the visit: ATAMOSTEC infrastructure.
- Support from SERC: network of solar energy experts in Chile and all technical universities.
- Visibility of CACTUS work in Chile/Colombia: next event in Colombia with a technical conference.

LOCAL Agencies/ government presents:

- Corporación de fomento productivo (CORFO Nacional)
- Comité Antofagasta, Corporación de fomento productivo (CORFO Antofagasta)
- Secretaría Ministerial Regional de Energía, Antofagasta (SEREMI de Energía Antofagasta)
- Clúster de Energía, Antofagasta
- Asociación chilena de energía solar, ACESOL
- Instituto de tecnologías limpias, Chile (ITL Chile)

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| Training Activity | BifiPV workshop 2025 |
| Date | 7-9 th January 2025 |
| Number of attendees | 77 attendees, 18 talks, 1 panel |
| Place and country | Antofagasta, Chile |
| Consortium Partners involved | all |
| Additional Notes | https://www.bifipv-workshop.com/welcome-chile25 |



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