

Building on solar success in Antarctica

The challenge



- Follow the success of Uruguay's 1st **Antarctic solar project**
- Negotiate **harsh frozen terrain** to power a 2nd installation in only

3 days

The partners



- Instituto Antartico Uruguayo (end-user)
- UTE (energy provider)
- Ministry of Industry, Energy and Mining (local ministry)
- Smart Green Uruguay (installers)

The solution



- Tried and tested FIMER technology that **saves time and resources**
- Extensive training and **real-time support for installers**

Project used



1x FIMER solar inverter UNO-DM-6.0-TL



Connection to FIMER[®] Aurora Vision Plant Management portal via the inverter's embedded Wi-Fi interface



24x ground-mounted solar panels JINKO 270W (12 modules per string)



1x MCB 40A 2-pole + 1x RCD 40A 300mA 2-pole

The results



10% of **total power** demanded is **solar generated** during the summertime

Up to **4** tonnes carbon emissions offset already*



Offset the equivalent of up to **1ha** of pine forest*



Enough energy generated to power **1415** days of TV*



and up to **40** computers per year*

*values correct as of 27.03.2020