



# LEADSUN

In partnership with



CASE STUDY

**Client:** Kokoda Track Foundation (KTF)  
**Project:** Illuminate the KTF's Kokoda College in Papua New Guinea  
**Lighting Compliance:** P5 lighting

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This project has huge cost savings by being cable free!

**SOLAR LIGHTING**

SAVE UP TO **33%**  
Compared to grid powered lighting

## Project Overview

With only internal solar lighting and USB energy kits currently installed, the Kokoda College located in the remote village of Kou Kou was missing an outdoor lighting solution to illuminate the entrance and pathway areas which that were previously having security problems for students and staff in the evening.

KTF is operating the FODE program at Kokoda College, a state-of-the-art educational facility located in rural and remote Kou Kou village, near Kokoda Station, Papua New Guinea. KTF currently has 125 students studying at the campus who are upgrading their marks from grade 10 to grade 12 in order to qualify for new minimum entry requirements for further study in teaching and health work at the college.

## Leadsun Solution

- 12 x AE2 All-In-One solar light systems
- 15W Solar Module & 10W LED
- PIR Motion Sensor
- 30 x PBOX indoor solar light kits
- Lithium-ion batteries provides 10+ years maintenance-free life span

Transporting the solar lights to the remote village of Kou Kou was a challenge in itself that initially involved two Leadsun representatives carrying two AE2 lights within back packs 96Kms along the famous Kokoda Trek to Kokoda Village; However with the support of PNG Air and a team of locals on the ground, we managed to transport an additional 12 AE2 All-In-One solar lights to the collage and have them installed on makeshift wooden poles crafted by the local villagers.

Providing this solar lighting technology to help create a safer learning environment and improving welfare for children within a remote location of the world has been a rewarding and positive experience. This small contribution demonstrates the extraordinary potential of what solar powered lighting can do in being able to easily and cost-effectively light up important community spaces where there is lack of electricity. Coupled with Leadsun's robust, modular and long-lasting solar lighting technology, Leadsun is proud to have provided this remote community in PNG an outdoor lighting solution that will last well over 10 years without any electricity fees or costly maintenance.



This project has an expected design life of 15 years

Call us on 1300 532 378 to discuss how we can deliver you a HUGE saving compared to grid power lighting