

# A 100% AUTONOMOUS SOLUTION IN ISOLATED SITE



Ground solar power plant (60 kWp)  
Mogadishio (Somalia)



## KEY POINTS

- ◆ 60 kWp of solar panels on the ground
- ◆ 480 kWh of batteries
- ◆ 2 x 60 kW diesel generators
- ◆ Nine 1600 kVA converters
- ◆ Hybrid intelligent controller
- ◆ AC&DC hybrid coupling

## LISTEN...

...To meet the energy autonomy and independence needs of a European army camp in southern Somalia.

## ADAPT...

...A customised solution based on the future consumption of the camp, the solar potential, the multiple power supply constraints and the characteristics of the site.

## DEPLOY...

...An innovative, 100% self-sufficient solar installation, based on a hybrid coupling that maximises consumption coverage, conversion rates and overall system flexibility.



## GAIN ENERGY

In service since 2018, the solution produces approximately 77,250 kWh per year, representing a saving of 25,750 litres of diesel or 68 tonnes of CO<sub>2</sub>.

## A CUSTOMER REVIEW

"ASL is proud to have commissioned Tysilio's customised solar solution for its end customer. Tysilio was professional and responsive throughout the project, making customer satisfaction their priority."

Clinton Slabbert  
Construction Manager - African Skies Limited

