

# CASE STUDY 2 – NANOJET® / ROJET® INDREMOTE OPERATIONS WATER INDEPENDENCE – SABHA, LIBYA



## OVERVIEW

A remote oilfield camp in southern Libya required a sustainable, off-grid potable water solution for 200 personnel. Diesel-powered systems were costly, maintenance-heavy, and environmentally unsustainable.

## CHALLENGES

- Lack of reliable grid power
- High OPEX from fuel and maintenance
- Risk of water supply interruptions in extreme desert conditions

## BENEFITS

- Fully solar-powered NanoJet® RO plant with YORAquaSafe™ disinfection
- Autonomous operation with remote monitoring and alerts
- Reliable water production aligned with Net Zero initiatives

**40% OPEX Savings vs. diesel systems**

**25 m<sup>3</sup>/day continuous potable water**

**100% Solar-Powered, fully off-grid**

