GREENING THE BLUE
UNDP Yemen

THE JOURNEY

Case presented 11 Sep 2017
Project launched 16 May 2018
Shipped 29 May 2018
Arrived 13 Dec 2018
Installed 8 Apr 2019

CURRENT SOLAR POWER

110 KWp Solar capacity
307 KWh Lithium ion battery
147 MWh Produced each year
US$ 73,000 Annual savings
149 TONS CO emissions reduced per year
INCREASED energy autonomy

EQUIVALENT TO...

Annual energy to power
Charging 46K phones
Powering 978 laptops for 8 hours a day
Running 1340 lightbulbs for 6 hours a day
43 average households

Solar energy savings can purchase
221,948 vaccines
6,936 children’s school books
21K days of food rations for an average family*

*average Yemeni family size is seven

CO₂ avoided
Emissions from driving 35 cars for a year
Emission from driving one car for 1,257,384 km
Emission from carbon footprint of 166 people