



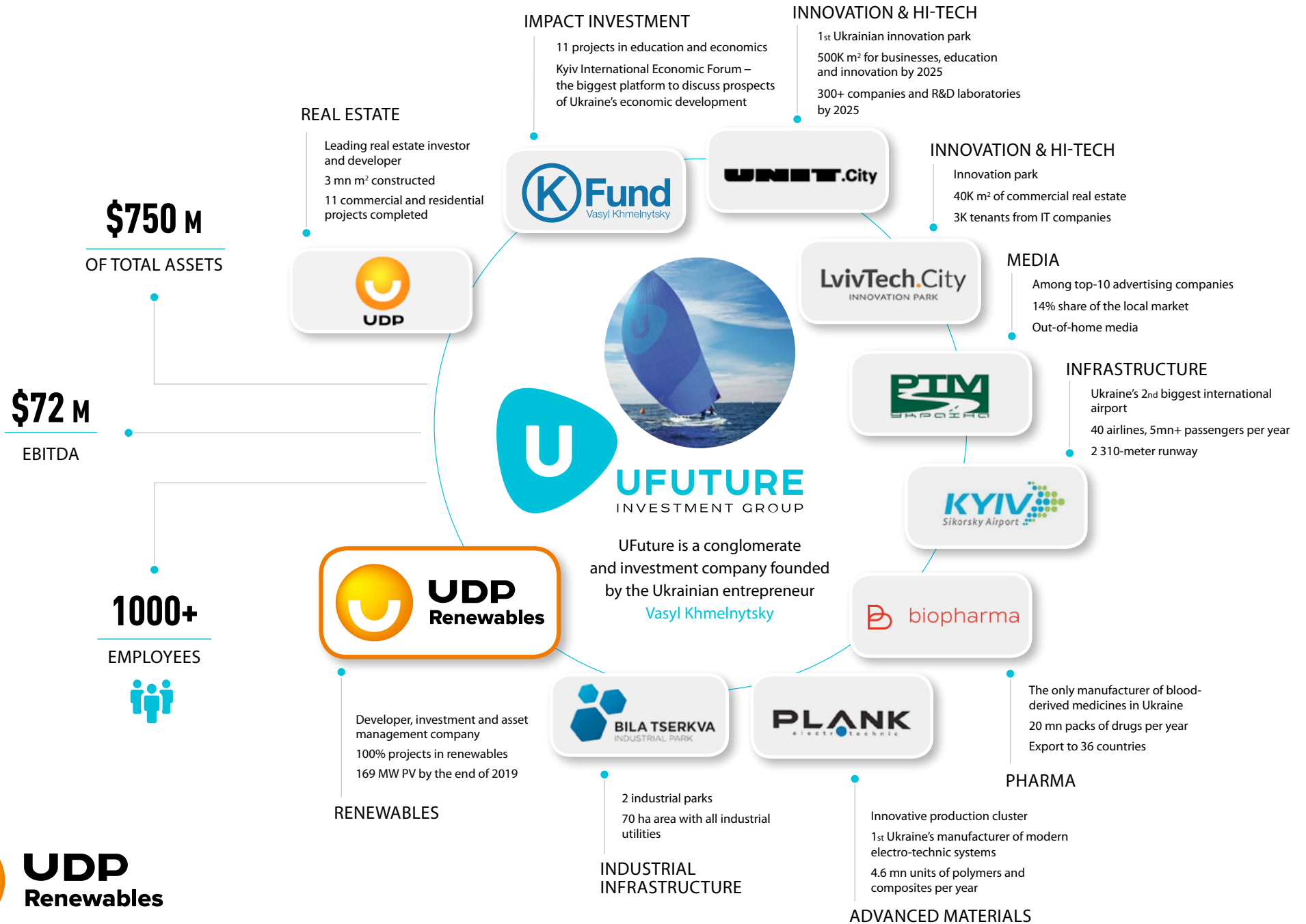
# **UDP** **Renewables**

CORPORATE PRESENTATION

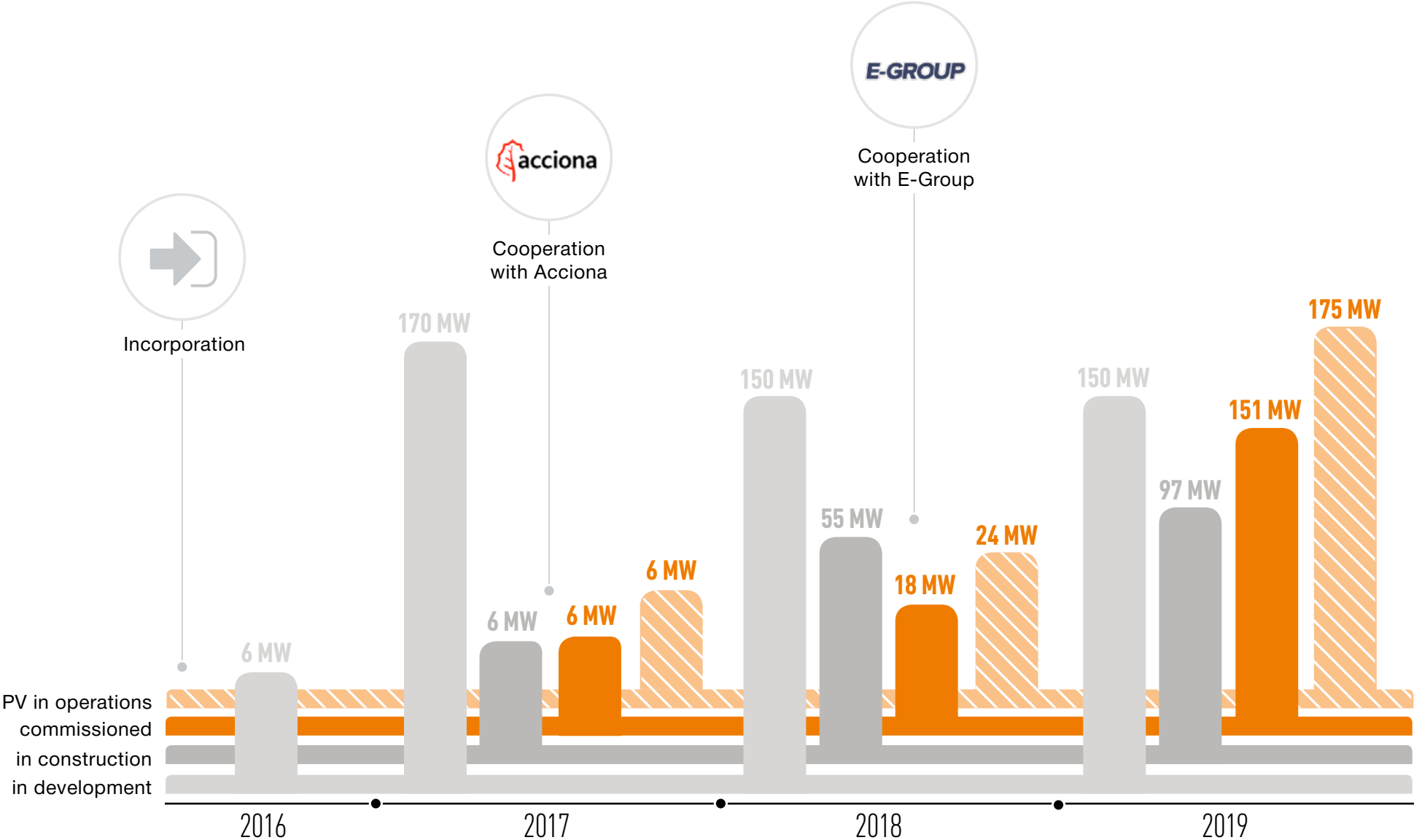
JANUARY 2019



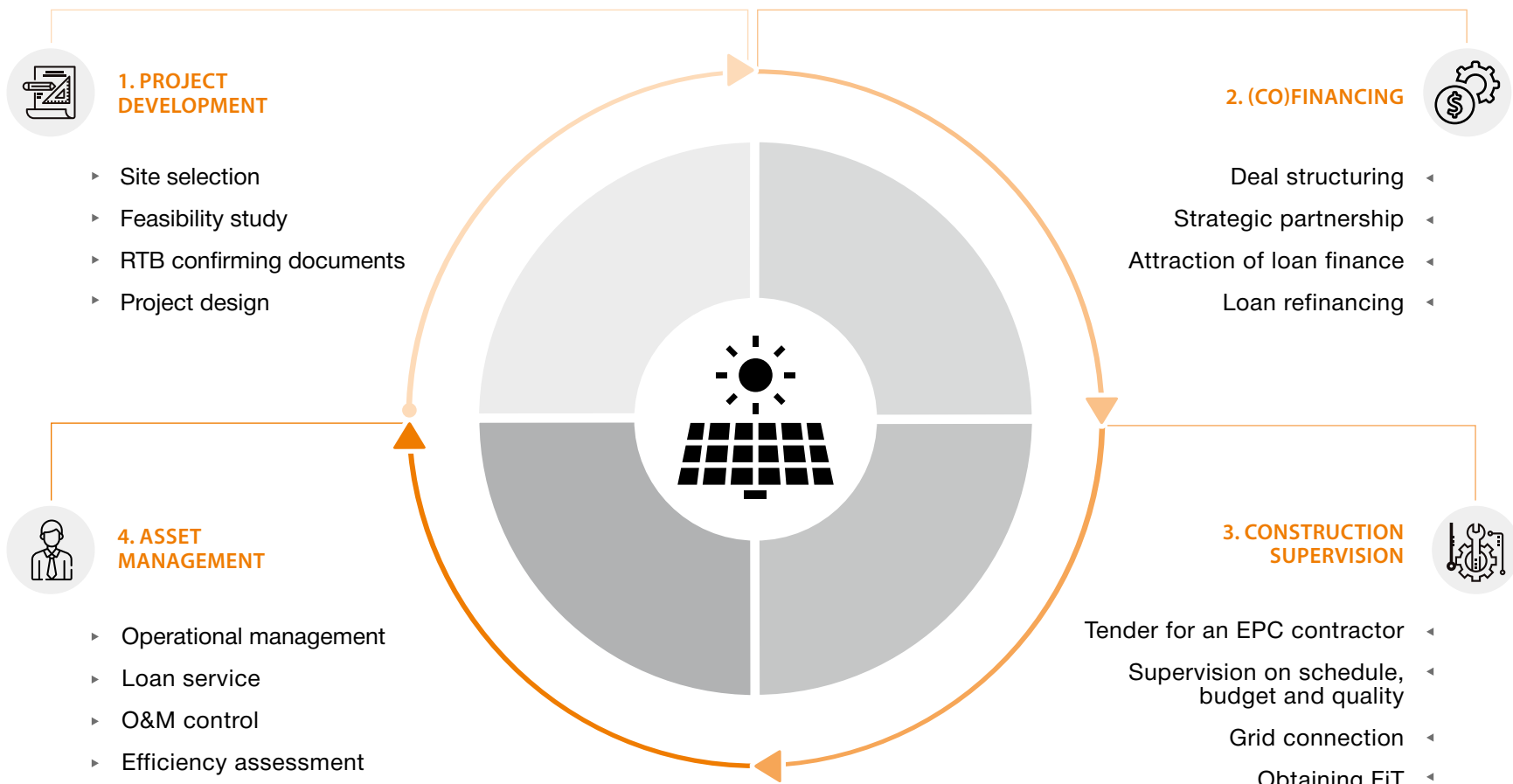
# BEING PART OF UFUTURE GROUP



# OUR STORY

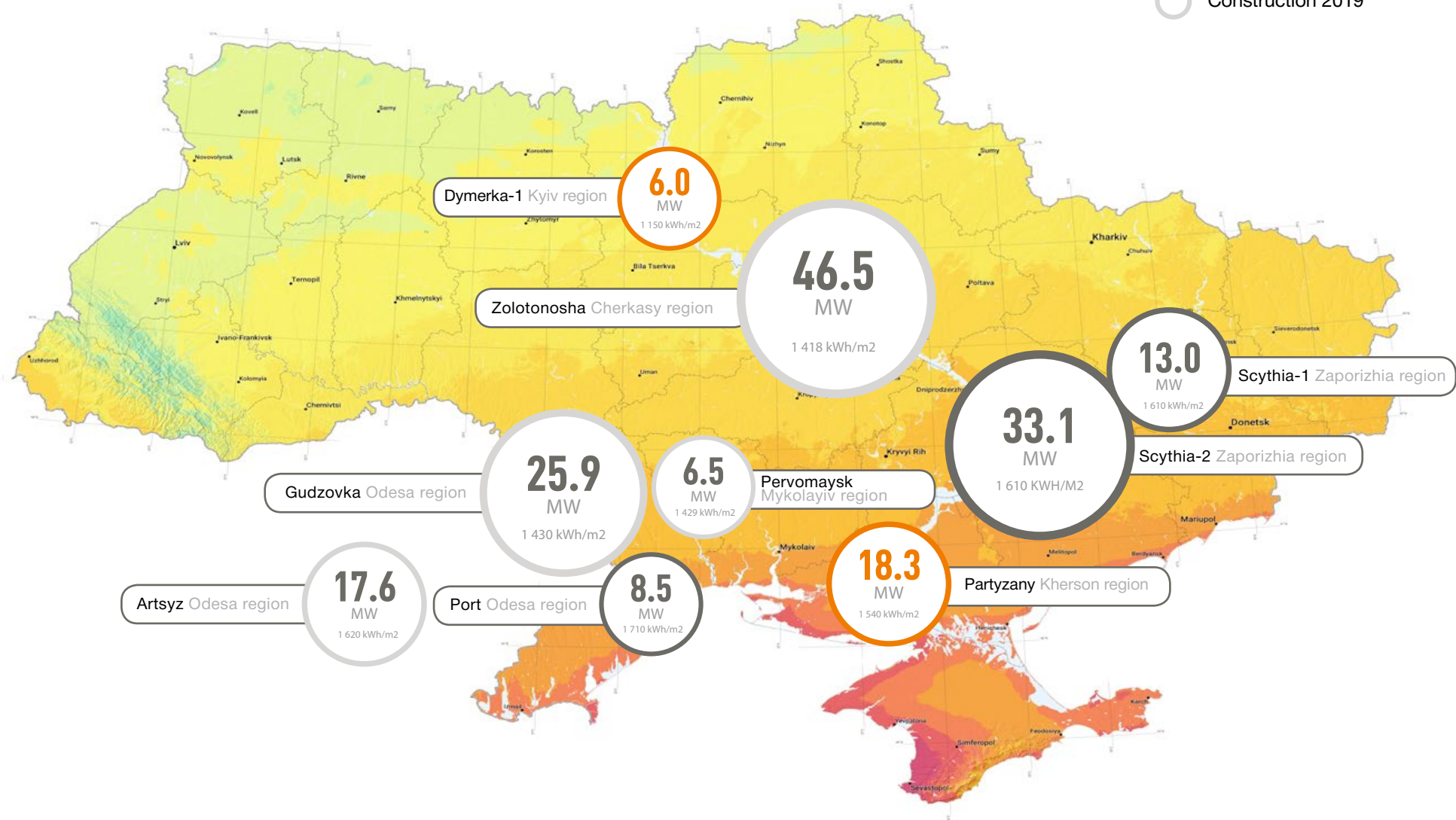


# OUR SERVICES

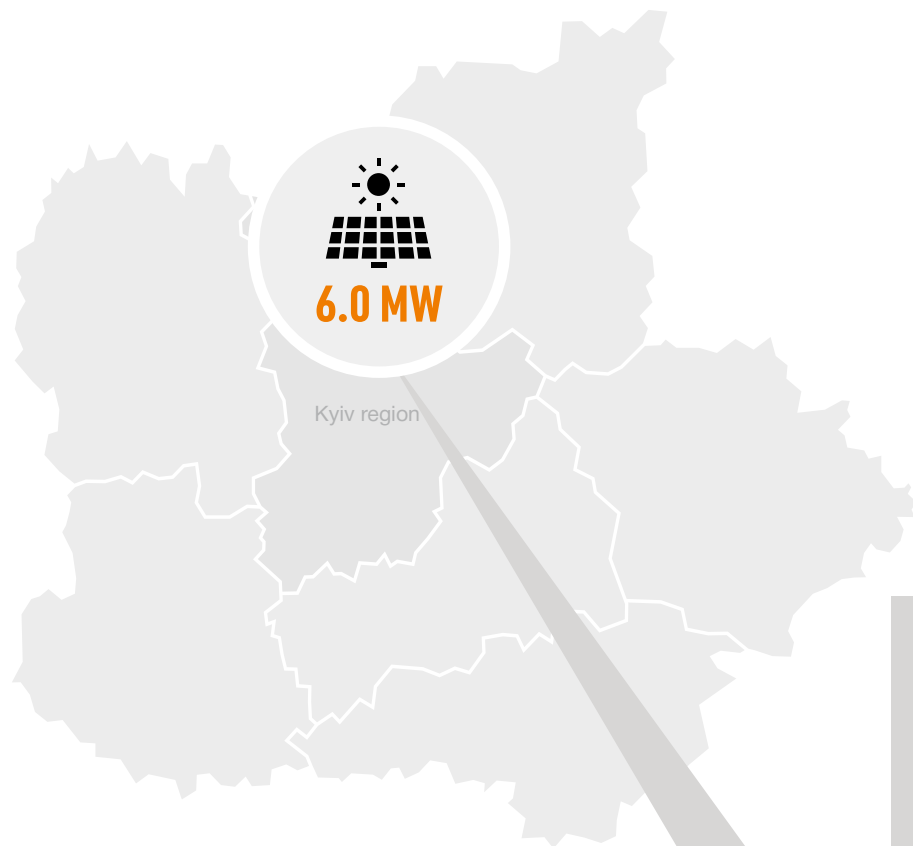


# OUR PVPPs

- Comissioned
- Construction 2018/2019
- Construction 2019



# OPERATIONAL PVPP: DYMERKA-1



## FIRST PV PROJECT POINTING THE WAY TO THE FUTURE

Located 35 km from Kyiv city, Dymerka-1 PV was UDPR's pilot project launched in 2016. The PVPP sells 100% of solar energy to the State Enterprise «Energorynok» under the FIT of 0.1577 EUR/1kWh.

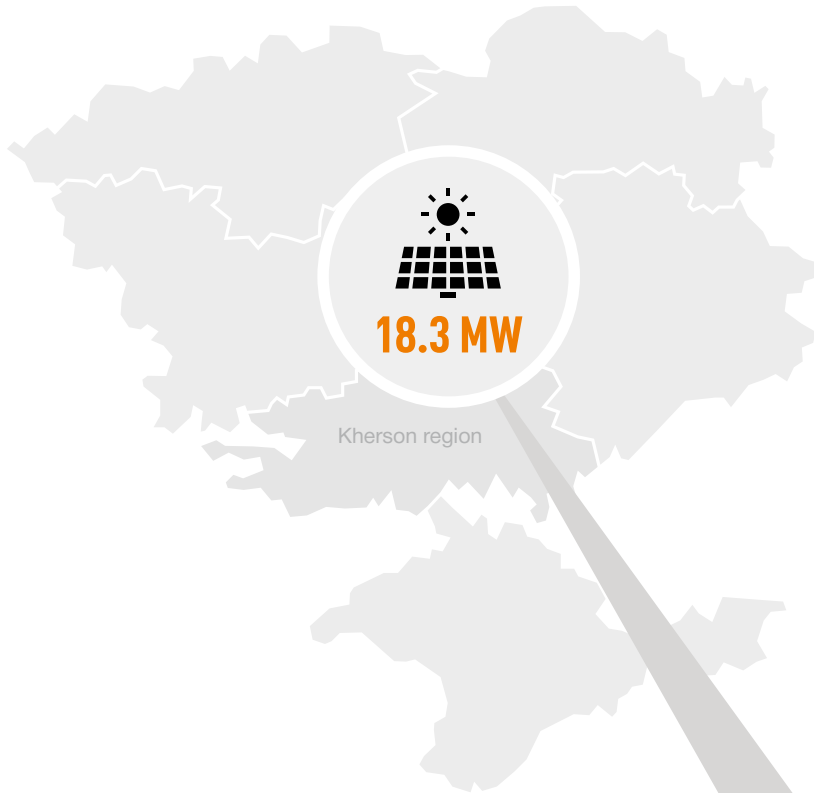
With a gross energy yield of over 7 000 MWh per year, the solar plant saves over 6 500 tons of CO<sub>2</sub> emissions.

As a continuation of the project, ACCIONA Energia has started construction of 57 MW PV PP, which will enter into service in 2019 being wholly owned by that company.

## FACT SHEET

- ▶ **Location**  
Velyka Dymerka, Kyiv region
- ▶ **Commissioned**  
September 2017
- ▶ **PV modules**  
JINKO SOLAR JKM275PP-60 polycrystalline
- ▶ **Inverters**  
KNESS PVTECH-500
- ▶ **Mounting systems**  
KNESS PVMS-2R-25-4, double-support

# OPERATIONAL PVPP: PARTYZANY



## PVPP ON THE SUNNY SOUTH

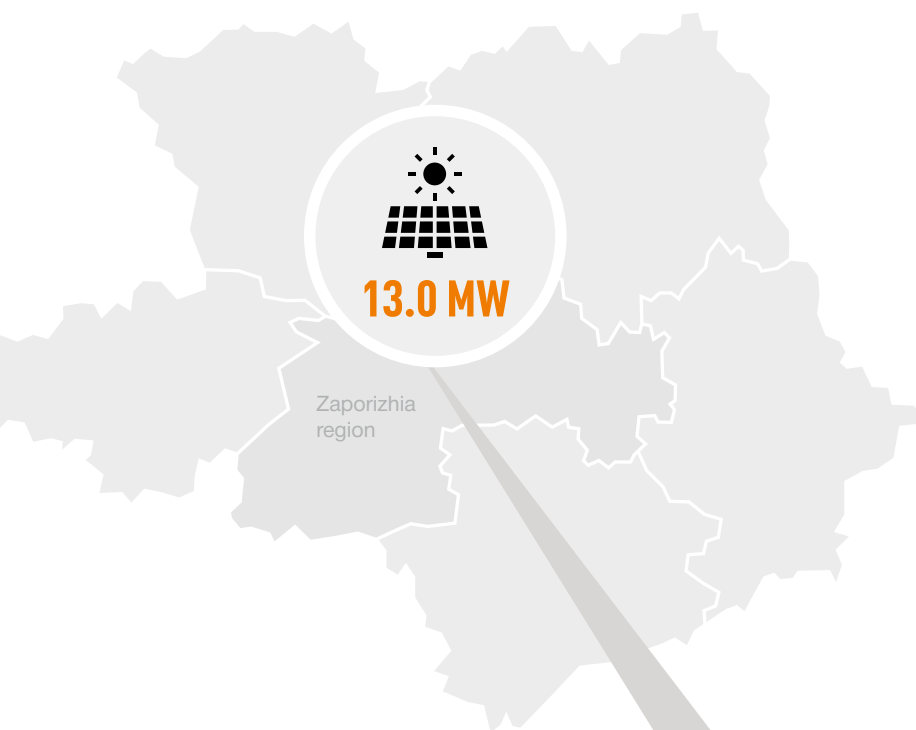
Located on the South of Ukraine, the Partyzany PVPP benefits from high level of annual solar radiation, which averages at 1540 kWh/m<sup>2</sup>. The plant sells 100% of solar energy to the State Enterprise «Energorynok» under the FiT of 0.1577 EUR/1kWh.

With a gross energy yield of over 23 450 MWh per year, the solar plant saves over 22 000 tons of CO<sub>2</sub> emissions.

## FACT SHEET

- ▶ **Location**  
Henichesk district, Kherson region
- ▶ **Commissioned**  
November 2018
- ▶ **PV modules**  
JINKO SOLAR JKM280M-60 monocrystalline
- ▶ **Inverters**  
KNESS PVTECH-500
- ▶ **Mounting systems**  
KNESS PVMS-2RV-60-8, single-support

# PVPP IN CONSTRUCTION SCYTHIA-1



## PHASE I OF THE MELITOPOL PROJECT

Construction of the phase I of the Melitopol project started in May 2018. The plant will be commissioned in February 2019 and will generate 16 219 MWh per year.

The 20-ha land plot benefits from high annual solar radiation, 1 610 kWh/m<sup>2</sup>. The State Enterprise “Energorynok” will be a single buyer of the energy produced under the FiT of 0.1577 EUR/1kWh.

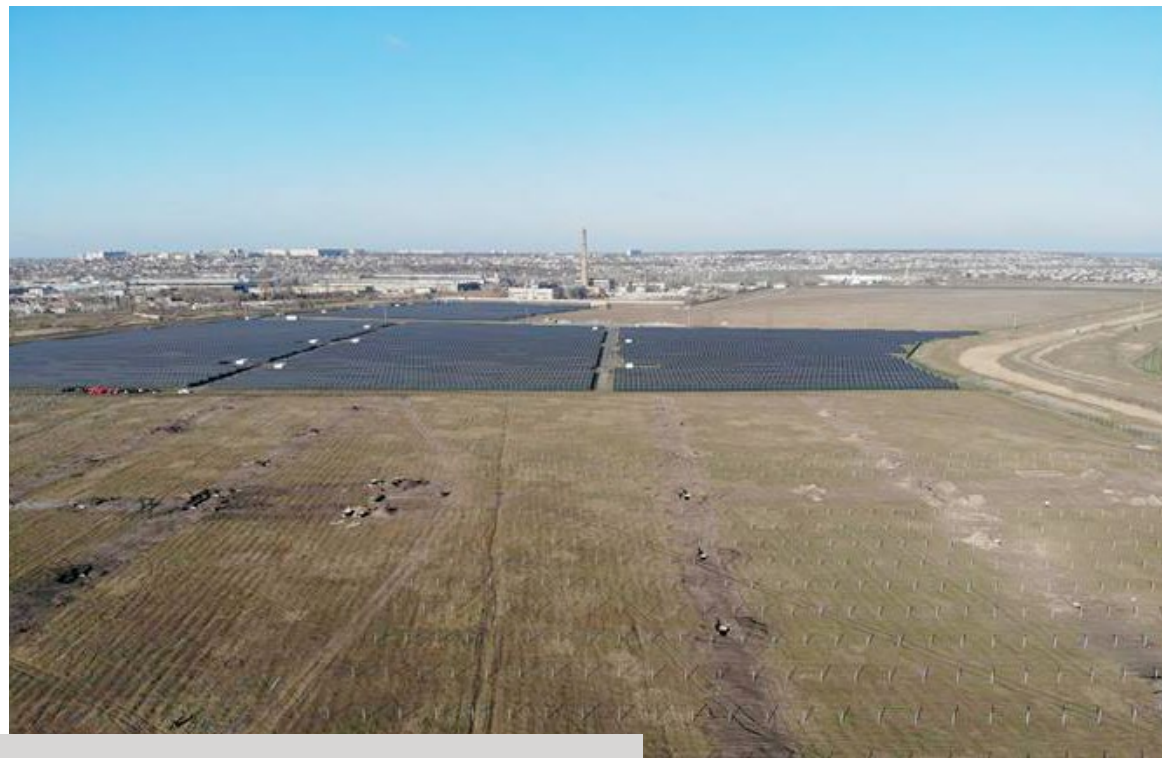
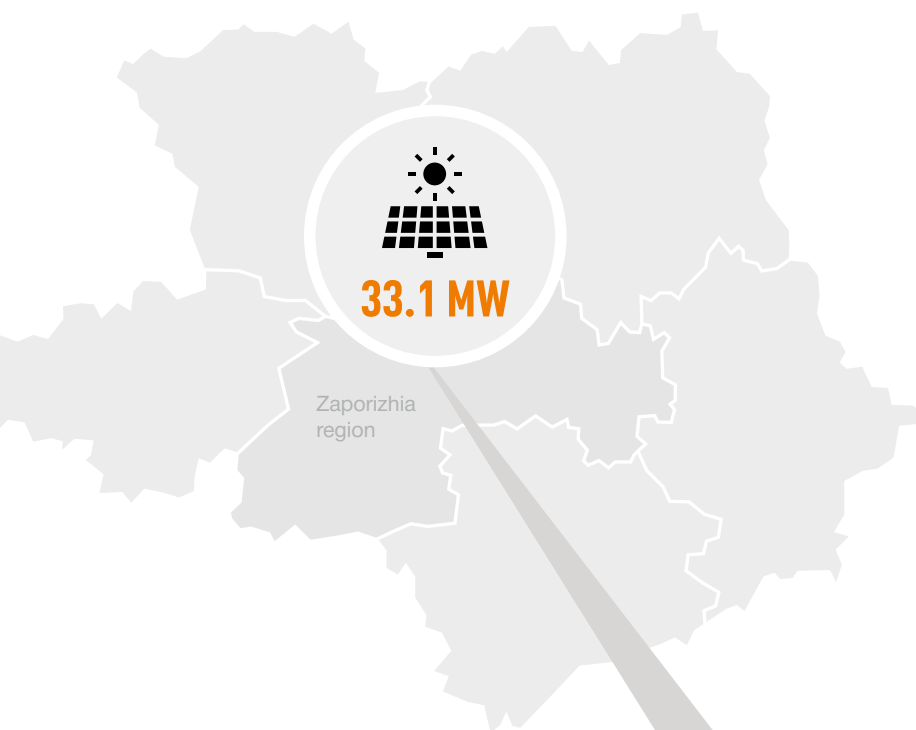
The PPP is concluded until 31.12.2029.

## FACT SHEET

- ▶ **Location**  
Melitopol district, Zaporizhia region
- ▶ **Commissioned**  
February 2019
- ▶ **PV modules**  
Jinko Solar JKM340M-72 monocrystalline
- ▶ **Inverters**  
KNESS PVTECH-500
- ▶ **Mounting systems**  
KNESS PVMS-4RH-25-4, double-support



# PVPP IN CONSTRUCTION SCYTHIA-2



## PHASE II OF THE MELITOPOL PROJECT

Construction of the phase II of the Multipool project started in September 2018. Commissioning is planned in March 2019, with annual generation of 41 845 MWh.

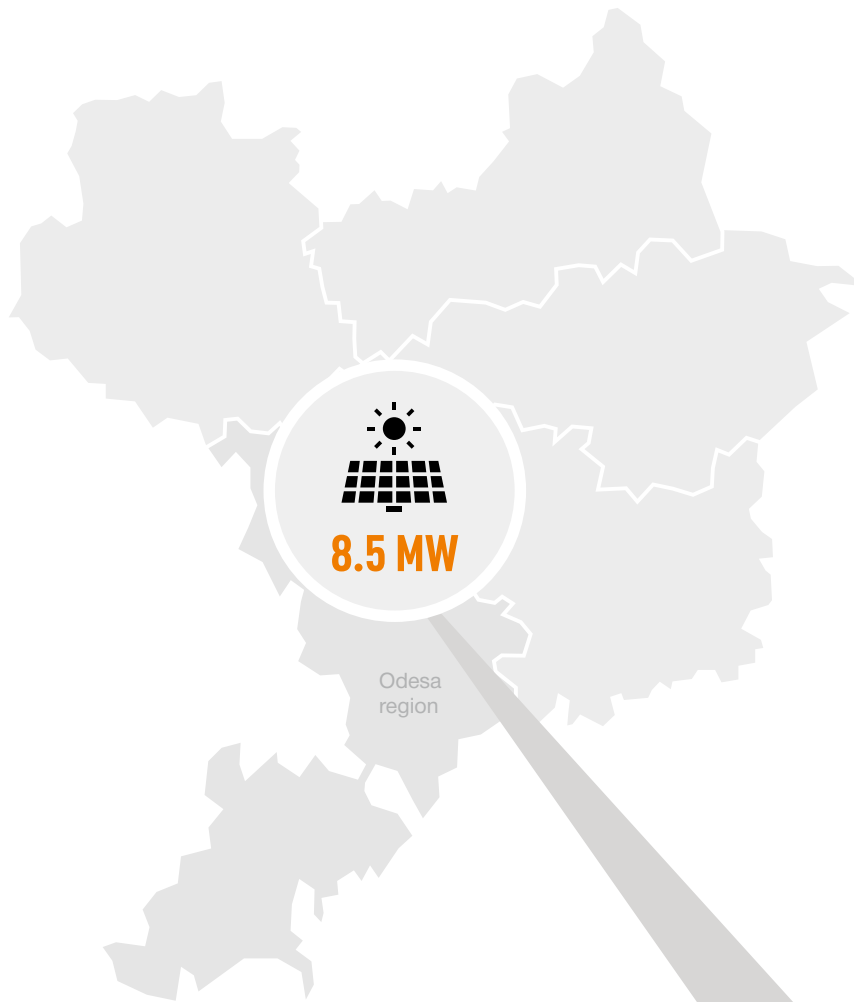
The 50-ha land plot benefits from high annual solar radiation of 1 610 kWh/m<sup>2</sup>. The State Enterprise “Energorynok” will be a single buyer of the energy produced, under the FiT of 0.1577 EUR/1kWh.

The PPP is concluded until 31.12.2029.

## FACT SHEET

- ▶ **Location**  
Melitopol district, Zaporizhia region
- ▶ **Commissioned**  
March 2019
- ▶ **PV modules**  
JA Solar JAM72S01 monocrystalline
- ▶ **Inverters**  
KNESS PVIS.2000/35
- ▶ **Mounting systems**  
KNESS PVMS-4RH-25-4,  
double-support

# PVPP IN CONSTRUCTION PORT



## THE SECOND SMALLEST BUT THE MOST SOUTHERN PVPP

Construction of the most-Southern project started in October 2018 and commissioning is projected in April 2019. The PVPP will benefit from the highest level of insolation of 1 710 kWh/m<sup>2</sup>, with annual generation of 10 757 kWh.

The State Enterprise “Energorynok” will be a single buyer of the energy produced under the FiT of 0.1502 EUR/1kWh. The PPP is concluded until 31.12.2029.

## FACT SHEET

- ▶ **Location**  
Izmail city, Odesa region
- ▶ **Commissioned**  
April 2019
- ▶ **PV modules**  
JINKO JKM335M-72 mono crystalline
- ▶ **Inverters**  
GPTech PV900wd-iNT-O
- ▶ **Mounting systems**  
Termobud Karkas ФМС-Г-P2-Ф36

# DRIVERS OF OUR GROWTH



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