

SHTIP | 360-400 MW PV Plant

North Macedonia



ENTREPRENEURS BY NATURE

Independent global renewable energy power producer and developer



Wind



Solar



Hydro



Storage

* Colam Entrepreneurs is a private family-owned company that is the founding shareholder of Sonepar, the world's number one B-to-B distributor of electrical products, solutions and related services.



Shtip 360MW PV Power Plant

SPV : LLC Ostro Solar

Capacity : **360-400 MWc**

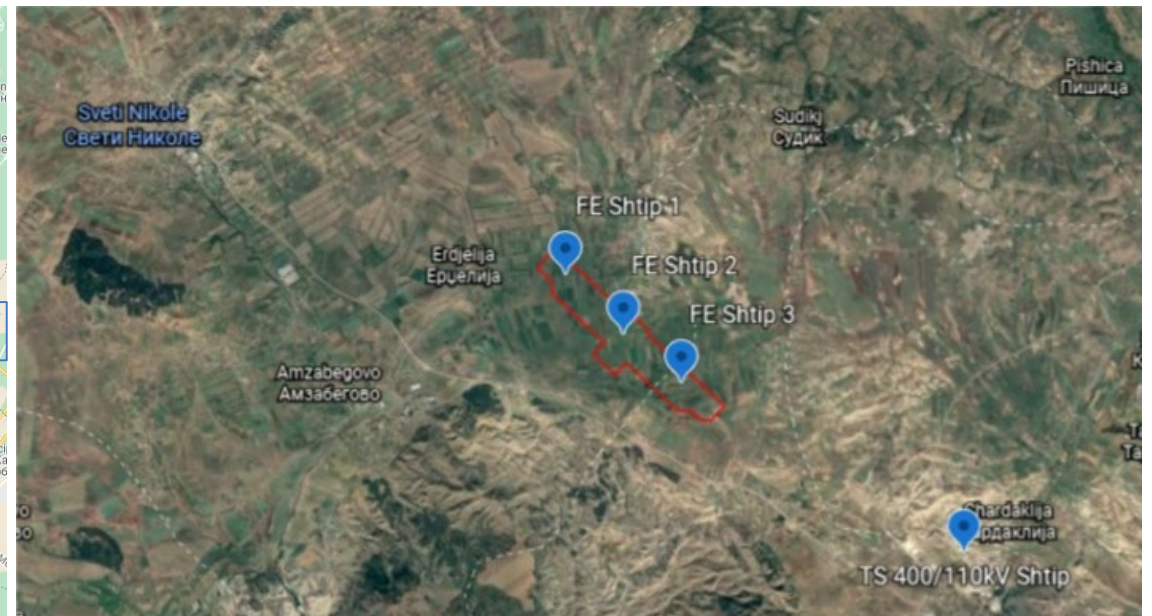
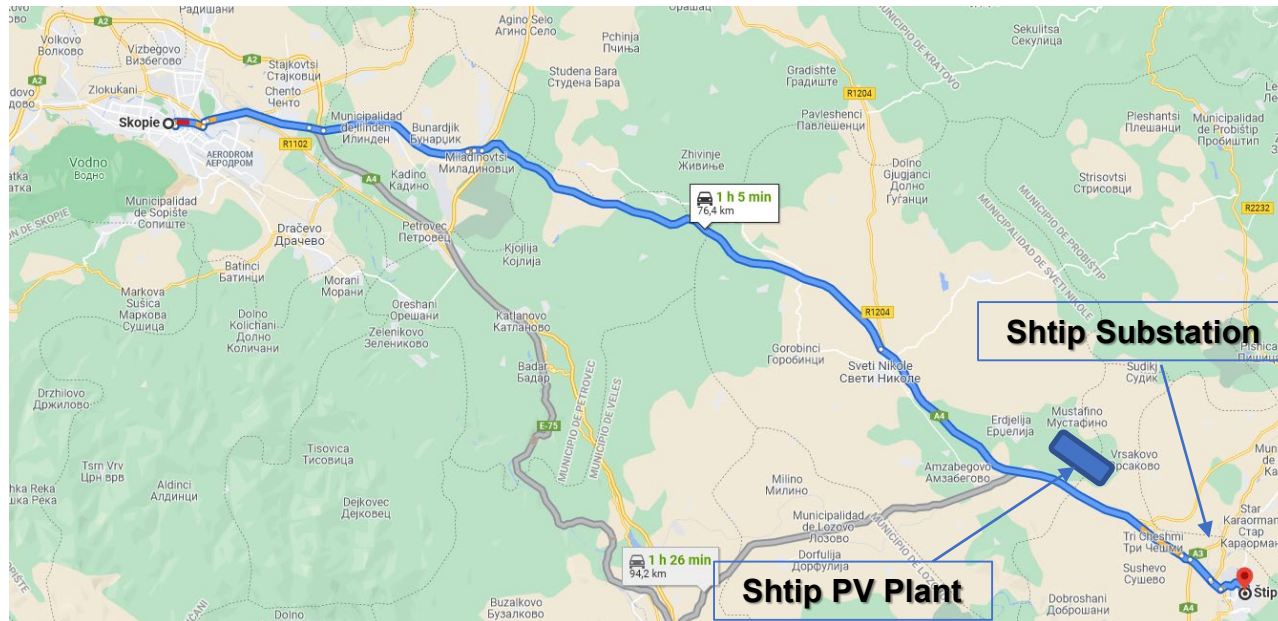
Resource : **1700h** – Trackers. **620GWh**

Location : Municipality of Stip and Municipality of Sveti Nikole

Surface: 452 Ha

Connection : 9kms to TS 400/110kV Shtip

Site Access : flat land near village (existing roads)



I Impact of the investment

- ✓ **Estimated Investment: 270million€.**
- ✓ **Construction** expected to start in the course of 2022-2023.
- ✓ **620GWh** of clean energy injected in the country
- ✓ **380.000 Tones of CO2** saved per year.
- ✓ **94.000 Households** supplied.
- ✓ **Employment creation** locally during construction and during operation:

Two types of employment during operation are envisaged by Akuo:

1. Technical for the proper operation of the PV Plant
2. Agricultural and farm exploitation thanks to Agrinergie concept developed by Akuo Energy. (Slide below)



| Agrinergie®

Combining sustainable agriculture and green energy

- ✓ **Agrinergie:** concept created in 2007 by Akuo in Reunion Island
- ✓ **An answer to land usage conflicts.**
- ✓ Method which **preserves water resources:** crop water consumption can be **reduced up to 40%**



Bellegarde

Shading structures - Gard
Apricots - Cherries - Grapes



Curbans

Trackers - Alpes
Alfalfa - Barley



Lherm

GMPV - Hte-Garonne
Meadow

| 4 Akuo PV Plants in France

