



## Construction of a cottage eco-town



### Project technical parameters

#### Land plot characteristics:

- **area:** 16 ha (area is divided into 91 land plots (ranging in size  $\approx 0,15$  ha));
- **intended use:** for construction and maintenance of the residential house;
- **cadastral number:** issued;
- **administrator:** private person.

#### Engineering infrastructure:

- requires design and will be determined by the project according to the necessary volumes of gas, electricity, water and sewage facilities;
- it is possible to connect to gas, electricity, water and sewage (communications supply to the land plots is planned from the village).

#### Transport infrastructure:

- the Dnieper river – 1 km;
- a local paved road leads to the land plots;
- national highway H-23 – 9 km;
- international airport «Dnipropetrovsk» – 21 km;
- the city of Dnipro – 26 km;
- transfer of the Voloske village from Dnipro.



### Project location:

Novooleksandrivska TC, Dnipropetrovsk region



### Mechanisms for cooperation

- enterprise sale is possible;
- creation of joint venture.



### Additional information

Today, suburban individual housing is becoming increasingly popular. According to opinion polls, 53% of Ukrainian citizens chose to have their own home in the country instead of an apartment in an apartment building.

According to the real estate leading experts estimates, suburban housing market is the most promising in Ukraine.

Experts say that this market is entering a new development stage - from «consumer» it turns into «supply market».





Initiator

«MAIN GROUP  
EUROPE Ltd»

## Hydrogen production plant using renewable solar energy



Construction of a hydrogen production plant using renewable solar energy using solar panels.



### Duration

**2.5 years** - development of project documentation, construction of power plant, electrolyzer and storage system  
Works to expand the project (increase capacity) - another 1.5 years



### Project goals

- generating electricity from renewable sources;
- Generation of environmentally safe electricity for further sale at a "green" tariff;
- reduction of greenhouse gas emissions from electricity generation.
- Planned capacity:
- solar power plant - 95 MW AC;
- water electrolyzer - 20 MW;
- storage systems - 20 MW.

Annual solar radiation level: 1,332 kWh/kWp.

Key Opportunities:

The location of the land in proximity to the waters of the Dnieper (800 m) creates a successful combination of solar and water potential for green hydrogen production.



### Economic indicators of the project

Total project cost: 124 million euros