

⚡ We create possibilities



Solar Partnership Group

Leading force of change for a greener world



About Helios Strategia Group

Helios Strategia is an international group of companies that implement solar energy projects and provide full-cycle services of land plots allocation, engineering, PV-equipment procurement (for industrial and domestic SPPs), construction and installation works. Founded in 2011. Helios Strategia Group has a strong experience in implementing solar projects by delivering EPC.

Both under the harsh conditions of the Arctic Circle and under the hot light of the African sun, we are ready to share our solar ideas with humanity.



13 years in the market



230 experts in the team



1 GW Total capacity of solar power plants with fragmentary participation of Helios Strategia Group



4 local companies:
Poland, Ukraine,
Lithuania, Germany



645 MWp total capacity of completed projects realized by providing EPC

We create possibilities for the society of the future, for the new improved world of ideas and for providing everyone with affordable, safe and environmentally friendly energy at work, at home and while having a rest.

STORAGE: CHALLENGES & OPPORTUNITIES

Why HELIOS STRATEGIA boost the storage solutions?

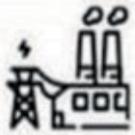
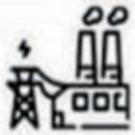
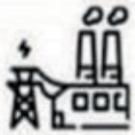
- I. PILOT PROJECT IN UKRAINE AND POLAND
- II. KEY FUNCTION
- III. EMS and BMS AS PART OF SECURITY SYSTEM



OVERVIEW STORAGE

Planned energy storage facilities

The modelled by NPC “Ukrenergo” (electricity TSO of Ukraine) the capacity that is required energy system of Ukraine need 0.8 – 1 GW of battery storage which will cost more than \$1.2 bln.

Type of generation							
	TPP, including:	New peak-gas	New bio-TPP	Solar PV	Wind	Energy storage	Hydro
Installed capacity, GW	0.3	0	0.3	6.2	0.5	0	2.0
Need to build, GW	+2.5	+1.4	+1.1	+3.8	+4.5	+0.8	+2.0
Installed capacity (future), GW	2.8	1.4	1.4	10.0	5.0	0.8	4.0
Investment, USD, bln	2.3	1.1	1.2	2.5	5.4	1.2	3,7

~USD 15 bln

HELIOS
strategia

Current level of the existed energy storage facilities in Ukraine above 2 MW, but planned and under development more than 810 MW

I. PILOT PROJECT IN UKRAINE WITH STORAGE



First Project with Storage Helios Strtategia has realize in 2012 in Dnipro 75 kWh



Today Helios INVEST in pilot projects with storage in UKRAINE

- We have started the construction of a solar power plant with a BESS. The project includes 1 MW of solar capacity and a 1 MW/2.2 MWh energy storage system.

- 16 MW-32 MWh

TOTAL RTB capacity is 220 MW-460 MWh



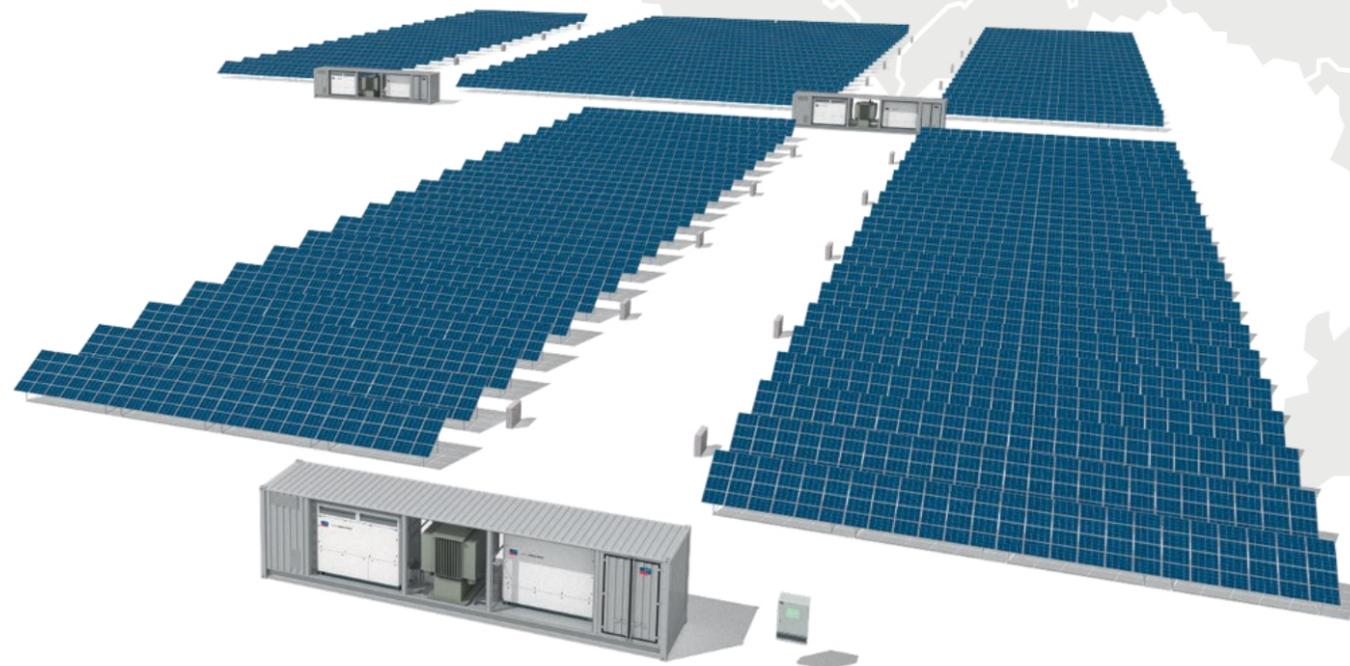
Helios Build the decentralized storage solutions in Dnipro region with UK Innovate program/ EMS

INVESTMENT OPPORTUNITIES

Helios Strategia creates a secure environment for investments by offering transparent terms and a clear project implementation plan

Helios Strategia projects RTB in UKRAINE

 **220 MW (SPP + BESS)**

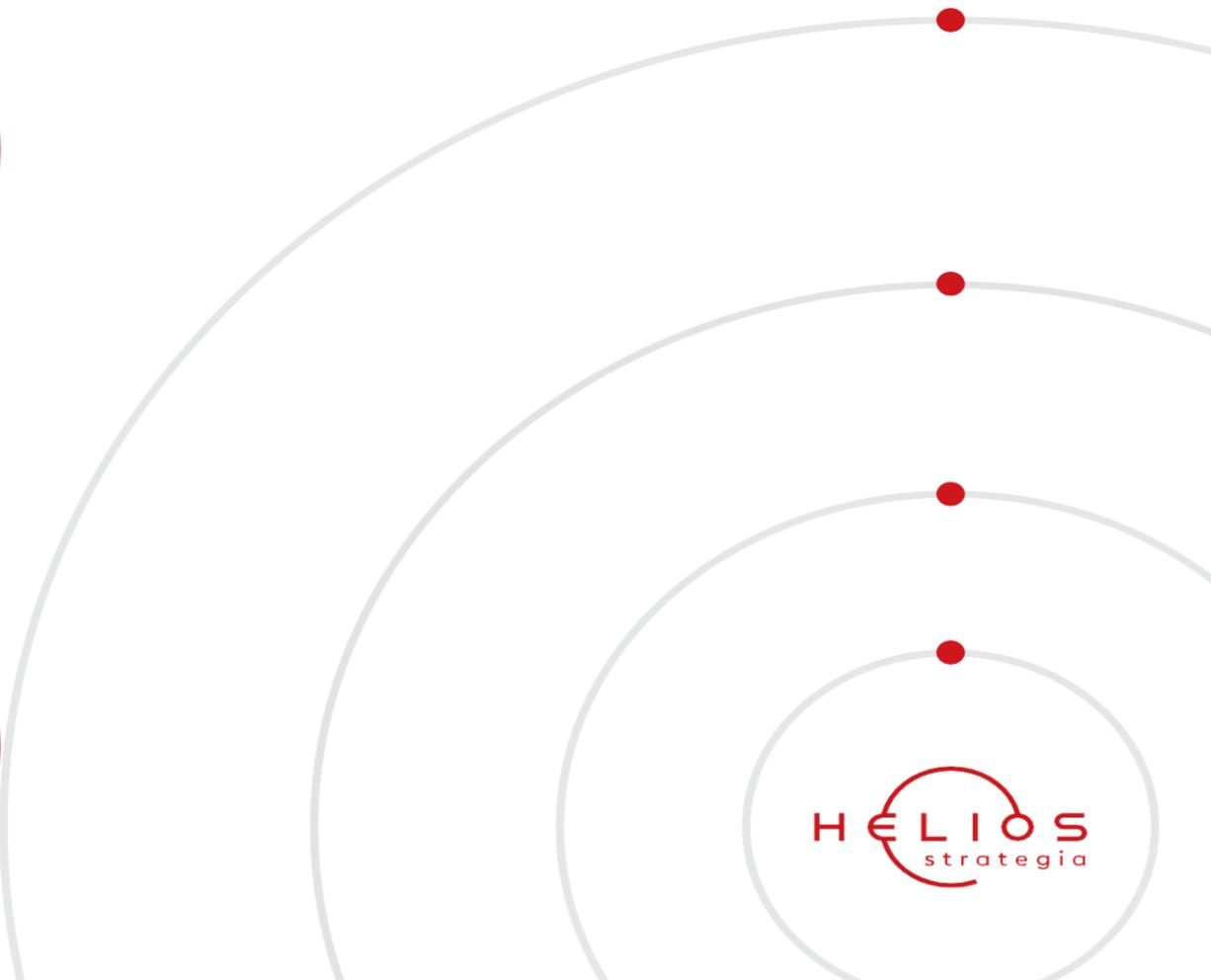


I. PILOT PROJECT IN POLAND and GREECE WITH STORAGE

**60 MWh
in GREECE**

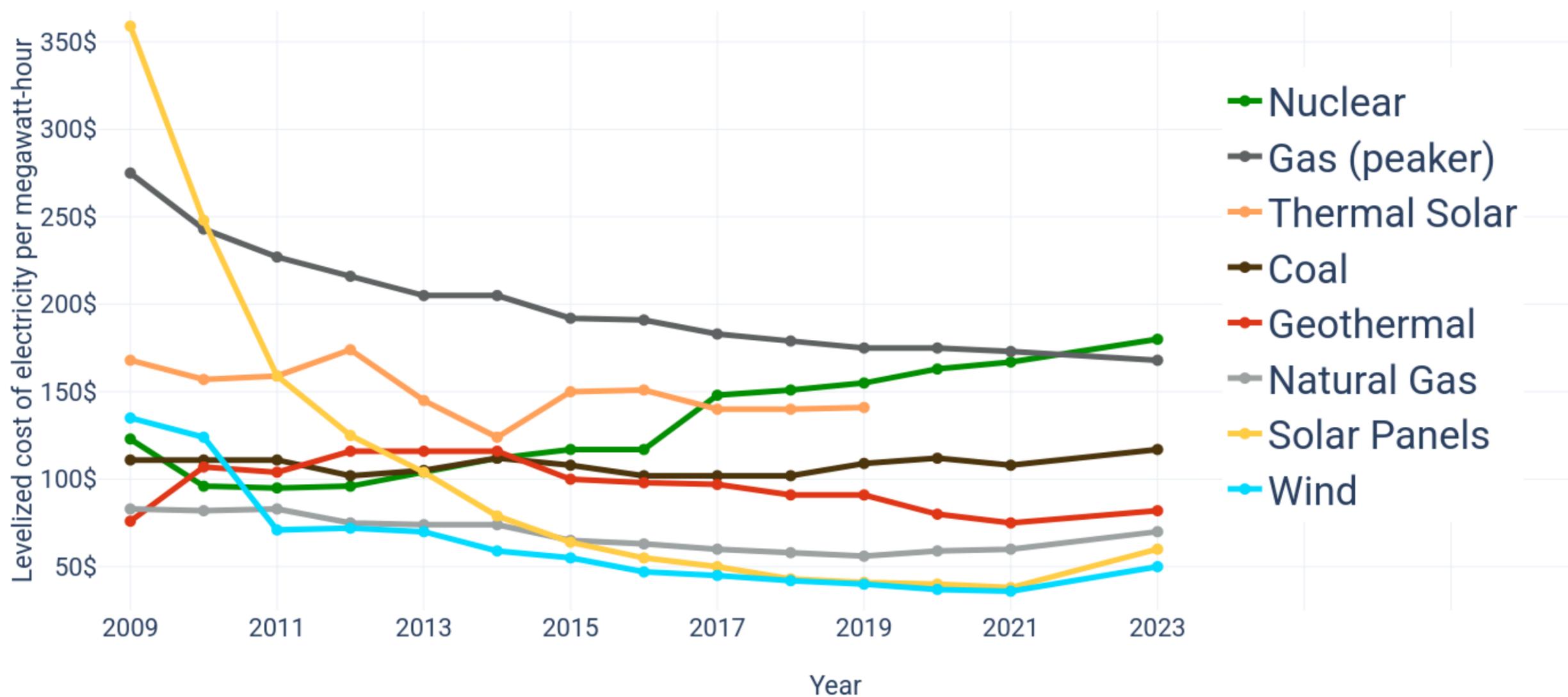


**8 MWh
in POLAND**



Solar is Quick, Cheap to and Sustainable.

Electricity costs according to data from Lazard



II. KEY FUNCTION

Storage to balance the grid

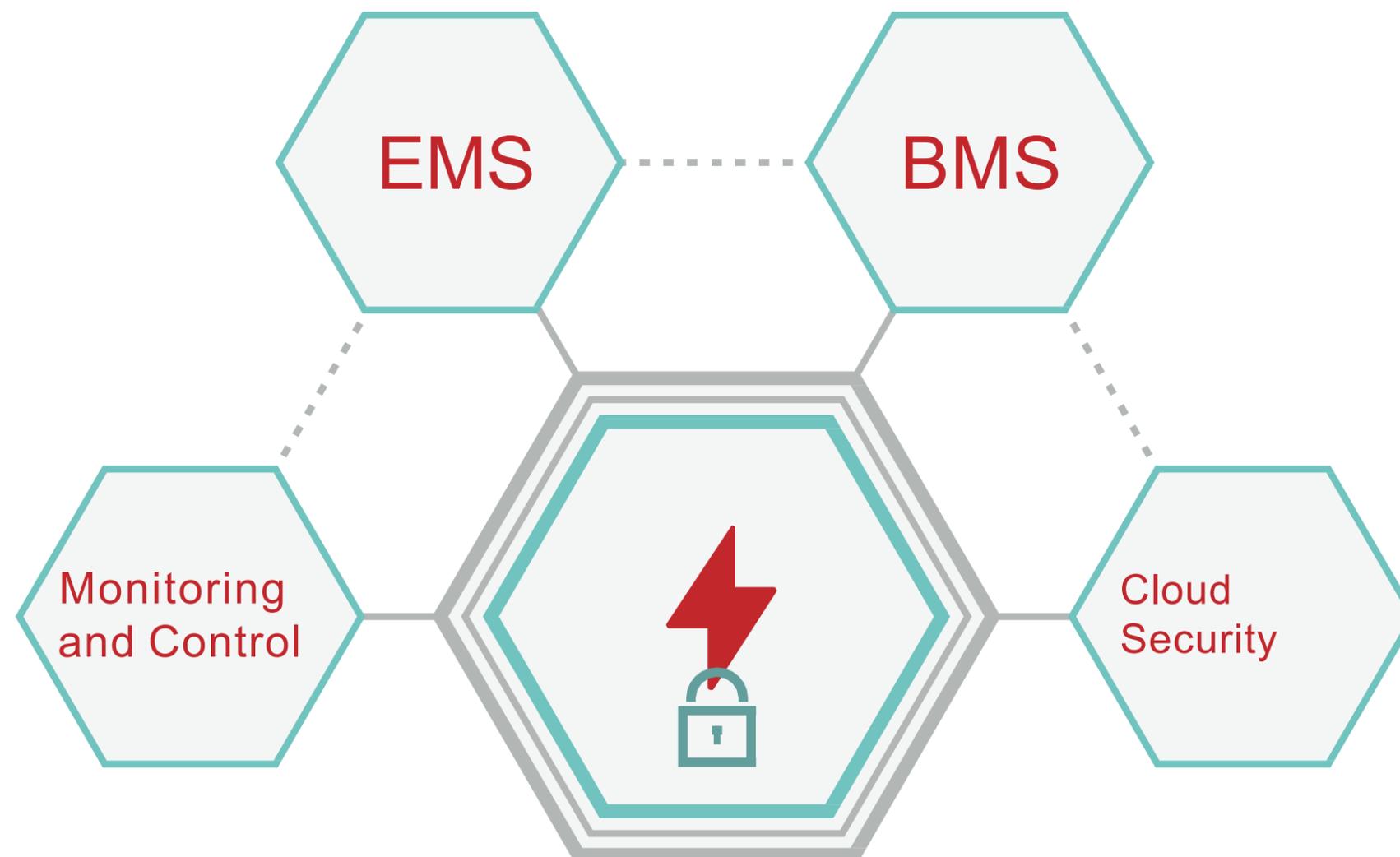
Resilience for the energy system

To lower curtailment risk



III. INNOVATIVE SOLUTIONS FOR ENERGY MANAGEMENT AND CYBERSECURITY

Integration of EMS and BMS as Part of a Secure and Resilient Energy Ecosystem



*Contact us
to discuss our cooperation*

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