

**Eol – Expression of Interest
PARTNER SEARCH**

**AREA OF INTEREST:
Answers expected before:**

GENERAL INFORMATION	
NAME OF ORGANISATION*: SCIENCE PARK "KYIVSKA POLYTECHNIKA"	
TYPE OF ORGANISATION*: corporation	
CONTACT PERSON	
NAME*	Kamayev Victor
COUNTRY	Ukraine
ADDRESS	Kiev
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E-MAIL*	spark@spark.kpi.ua
TYPE OF PARTNER SEARCH*:	
+ NO SPECIFIC CALL/EXPRESSION OF INTEREST (ONLY IF RELEVANT)	
PROJECT INFORMATION	
ACRONYME & TITLE: Electropik <u>HEATING SYSTEM USING NIGHT RATE ELECTRICITY (TECHNOLOGY "ELECTROPICK")</u>	
SUMMARY*: Corporation "Science park "Kyivska polytechnica" and Kyiv Polytechnic Institute has developed and implemented in Ukraine technology of modernization of heating and hot water supply of buildings for various purposes (schools, hospitals, hotels, and so on) with the installation of systems in thermal storage electric heating and/or water, with consumption of electrical energy by such a heating system mainly during the night the failure load in the grid. Heating System "Elektropik" consists of cable electric heater built into the walls of buildings. The design of the heating cable warrants indoor electric and magnetic fields. In addition, as part of the heating system is a hardware control, protection and metering of electricity consumed. The system works mainly at night, during the failure load in the United Energy. While the walls of the room in which include cable heaters, warm up with the accumulation of heat. To implement this activity requires the establishment of an automated system of commercial accounting of electricity, which will provide energy for the differential areas of day tariffs. Purpose: <ul style="list-style-type: none"> • The alignment of the loads of the power system. • Savings of energy resources. • Improvement of the ecological situation of the territory. • Reliable and quality supply. 	
KEYWORDS: Electropic, heating system	
TYPE OF PROJECT Funding scheme : to be discussed	
PARTNERS ALREADY INVOLVED (Contact Name, Name of organization, e-mail address): N/A	
PARTNER SOUGHT	
COUNTRY (IES) (if relevant): EU	

EXPERTISE REQUESTED*: housing and utility, installation and service	
ROLE: + Dissemination + Demonstration + Other (specify): partner, heating systems	
ORGANISATION TYPE: + SME/ SME association	
HOW MANY PARTNERS ARE REQUIRED?	1 per country