

**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
TEL*	+38 044 4068439
FAX	
E-MAIL*	spark@spark.kpi.ua
TYPE OF PARTNER SEARCH*:	
+ NO SPECIFIC CALL/EXPRESSION OF INTEREST (ONLY IF RELEVANT)	
PROJECT INFORMATION	
ACRONYME & TITLE: <u>Energy efficient eco SMART-TECH house</u>	
SUMMARY*: Corporation “Science park “Kyivska polytechnica” and Kyiv Polytechnic Institute has developed and implemented in Ukraine pilot project of technology of Energy efficient eco SMART-TECH house. The technology complies with international standards and exceeds famous foreign counterparts due to the complexity approach to energy supply, which provides: <ul style="list-style-type: none"> • the concept of energy-efficient eco-house, which is different from the existing comprehensive approach and optimization features five subsystems buildings (microclimate and building envelope, water supply, energy, power, intelligent accounting, control and management); • intellectualization of the concept of energy flows - "the concept of unity of networks" (association of electrical, thermal and information networks); • harmonization processes create an object (or rehabilitation) and modernization of power energy to power optimization criteria for energy efficiency and energy costs; • Regime integration of energy in the energy infrastructure of the area and use them as regulators WAN load due to widespread use of energy storage. 	
KEYWORDS: Eco Smart House	
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 + Other (specify): partner, heating systems	
ORGANISATION TYPE: + SME/ SME association	

HOW MANY PARTNERS ARE REQUIRED?	1 per country
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