

ITALY DAY

ABSTRACT TABLE OF PROJECT PROPOSAL

PROJECT Nr. 26

SECTOR:	Renewable Energy and Waste Treatment
PROJECT IDEA IN A HEADLINE:	Mini-Biogas Plant with for farms with Hi-performance and Low-cost management
INNOVATIVE POINTS:	<ul style="list-style-type: none">A) low retention time in the digesterB) high amounts of methane in the biogas (over 70%) for electricity productionC) pre-built and factory-tested, installed in a few days and ready to useD) fully automated control and management system
POTENTIAL BUSINESSES AND APPLICATION FIELDS:	Small/medium farm and dairies can produce energy from manure and waste material for self consumption and/or for sale.
CHARACTERISTICS OF POTENTIAL PARTNERS:	Farms, dairies, agricultural associations, breeders or companies that are already working in the field of biogas in agriculture
BRIEF PROJECT DESCRIPTION:	<p>Our structure is developing small size plants (from 50 kW to 150 kW) to meet the needs of small farms, family dairy farms, or holiday farms and all those enterprises that can have major benefits from this renewable energy source but are (due to their size), not attractive enough for the market of traditional systems of large digesters. This new generation of compact plants with quick and easy installation will be attractive to those businesses that need to solve the problem of organic farming waste and at the same time need to find a solution to the energy consumption at affordable prices.</p> <p>All our plants are equipped with automatic monitoring and management systems, both local and remote. We can also supply new or already existing systems with the unique NRE-ABC "Active Bio Control" to improve the efficiency of the biological process of the plant and to calibrate it to the precise needed feed.</p>