



Sustainable Energy Excellence Awards

25 February 2014



BEERECL Awards Nominees

Most Effective Industrial Investment

IHB Electric JSC (formerly Elprom ZEM Co.)

Modul PLC

EMKA JSC

IHB Electric JSC (formerly Elprom ZEM Co.) - manufacturer of large electrical machines - invested in energy efficiency to replace five machines with one new induction copper welding machine.

Project results:

- augmented output and enhanced competitiveness
- improved work environment
- reduced energy costs by 73%
- O&M cost savings: EUR 33,600
- saved 1.4 kWh per EUR invested in the first year of operation



The EUR 48,000 BEERECL loan was provided by Allianz Bank Bulgaria. The KIDSF grant was EUR 7,200.

Modul PLC produces reduction gears and a large variety of spare machine parts – used BEERECL to replace some of their old machines with a modern computer controlled (CNC) machine.

Project results:

- reduced operating costs
- reduced CO₂ emissions by 384 tons per year
- saved 1.2 kWh per EUR invested in first year of operation



The EUR 264,000 BEERECL loan was provided by DSK Bank. The KIDSF grant was EUR 39,600.

EMKA JSC produces various types of cables and wires. The company replaced wire insulation and sheathing lines and wire braiding machines.

Project results:

- increased productivity
- reduced natural gas consumption
- reduced operation cost
- reduced CO₂ emissions by 2,166 tons per year
- saved 1.2 kWh per EUR invested in the first year of operation



United Bulgarian Bank provided the EUR 1.51 million BEERECL loan. The KIDSF grant was EUR 226.500.

BEERECCL Awards Nominees

Most Innovative Investment

Delta Textile Ltd

Yota Ltd

MPM Engineering Ltd

Delta Textile Ltd produces socks for popular global brands. The project replaced 49 knitting and 12 sewing machines with 34 new state-of-the-art knitting machines.

Project results:

- increased company revenues
- increased production of higher quality socks
- reduced CO₂ emissions by 380 tons per year
- saved 0.5 kWh was per EUR invested in the first year of operation



UniCredit Bulbank provided a EUR 840,000 BEERECL loan. The KIDSF grant was EUR 126,000.

Yota Ltd produces and sells wire nets and welded wire fences – invested in energy efficiency to replace 5 old wire knitting machines with a new machine.

Project results:

- increased productivity
- increased product types
- reduced CO₂ emissions by 18.7 tons per year
- saved 0.14 kWh per EUR invested in the first year of operation



The BEERECL loan of EUR 144,000 was provided by Allianz Bank Bulgaria. The KIDSF grant was EUR 21,600.

MPM Engineering Ltd manufactures stainless steel products and other metal products – used financing to replace three old metal working machines with a new computer controlled CNC water jet cutting machine.

Project results:

- increased productivity
- reduced CO₂ emissions by 14 tons per year
- saved 0.11 kWh per EUR invested in the first year of operation



The EUR 112,000 BEERECL loan from Raiffeisenbank Bulgaria was complemented by a EUR 16,800 KIDSF grant.

BEERECL Awards Nominees

Most Effective Agricultural Investment

Kemapul Ltd

ZP Emil Stamov

ZKPU Obedinenie 93

Kemapul Ltd is an agricultural production company - invested in energy efficiency to replace old inefficient tractors with new ones.

Project results:

- reduced time field processes completion
- reduced labour costs
- saved 1.4 kWh (equivalent) per EUR invested in their first year of operation



The BEERECL loan of EUR 131,000 was provided by DSK Bank. The KIDSF grant was EUR 19,600.

ZP Emil Stamov is a small independent farmer – invested in a new and more efficient tractor.

Project results:

- fuel costs fell by 45%
- saved 1.3 kWh (equivalent) per EUR invested in the first year of operation



Allianz Bank Bulgaria provided the EUR 142,000 BEERECL loan. The KIDSF grant was EUR 21,300.

ZKPU Obedinenie 93 invested in energy efficiency by replacing six old tractors with a new, modern tractor equipped with a cultivator and plough.

Project results:

- better land processing
- saved 1.2 kWh (equivalent) per EUR invested in their first year of operation



The EUR 51,129 BEERECL loan was provided by Allianz Bank Bulgaria. The KIDSF grant was EUR 7,670.

BEERECL Awards Nominees

Food Sector Energy Savings

Fiesta 13 Ltd

Oliva JSC

Papas Olio JSC

Fiesta 13 Ltd is a confectionery and food retailer in Pleven – renovated their building and its energy systems.

Project results:

- improved the work environment
- Improved company's image
- reduced annual energy costs by 67%
- lowered annual CO₂ emissions by 530 tons



UniCredit Bulbank provided the BEERECL loan of EUR 174,000. The KIDSF grant was EUR 26,108.

Oliva JSC is a leading producer of vegetable oil and oil products - improved production process and energy efficiency and added new production equipment in three workshops.

Project results:

- reduced energy consumption by 63%
- lowered CO₂ emissions by 4,475 tons

The BEERECL loan of EUR 2.5 million from UniCredit Bulgaria was complemented by a EUR 375,000 KIDSF grant.



Papas Olio JSC is located in Balchik and produces refined oils and fats. The company installed a biomass boiler and made other steam system improvements. Sunflower hulls and other waste from sunflower oil production are used as fuel.

Project results:

- reduced energy consumption by 20%
- annual CO₂ emissions cut by 4,310 tons



The BEERECL loan of EUR 738,280 from DSK Bank was paired by a KIDSF grant of EUR 110,742.

BEERECCL Awards Nominees

Most Effective Building Investment

Mototehnika Sliven JSC

Prime 97 JSC

Netcom Ltd

Mototehnika Sliven JSC operates an automobile service center in Sliven – company improved its building's energy efficiency. The energy efficiency measures included exterior wall thermal insulations, double glazed windows, and energy efficient metal doors.

Project results:

- reduced energy costs by 47%
- reduced annual CO₂ emissions by 160 tons
- saved 4.67 kWh per EUR invested in the first year of operation



The BEERECL loan of EUR 27,800 from United Bank Bulgaria was complemented by a KIDSF grant of EUR 4,170.

Prime 97 JSC improved the office building's energy efficiency through additional thermal insulation on external walls and new windows.

Project results:

- reduced energy costs
- improved work environment
- saved 3.7 kWh per EUR invested in the first year of operation



Allianz Bank provided a EUR 20,600 BEERECL loan. This was complemented by a KIDSF grant of EUR 3,090.

Netcom Ltd invested in energy efficiency to improve two workshop building's thermal envelopes by adding insulation on external walls and roof, and upgrading their windows.

Project results:

- reduced energy costs
- better work environment
- annual CO₂ emissions were cut by 106 tons
- saved 1.6 kWh per EUR invested in its first year of operations



The BEERECL loan of EUR 66,800 was provided by Allianz Bank . This was complemented by a KIDSF grant of EUR 10,020.