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the People of Japan



BOSNA I HERCEGOVINA
Ministarstvo vanjske trgovine i ekonomskih odnosa
Bosne i Hercegovine



INCLUSIVE DECARBONIZATION ACTIVITY IN BIH

IDA PROJECT



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Installation of LED Lighting for BAUPARTNER



BAUPARTNER LUKAVAC Ltd, a company from Lukavac whose primary activity is the production of prestressed reinforced concrete and steel structures, received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of LED lighting



TOTAL INVESTMENT:

92.690,91 BAM

IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for **66.925,6 kWh/ year**



Financial savings: **11.711,98 BAM/ year**



Simple payback period: **7,91 years**



GHG emission reduction in lifespan: **523,13 tCO2**

19 SMEs in Bosnia and Herzegovina, primarily in the carbon-intensive industries (electricity, steel, and cement), benefited from the IDA project, which aimed to decarbonize industry and initiate a fair, inclusive transition to a low-carbon economy. The project sought to uphold the global Climate Promise - NDCs, aiming for net-zero emissions and climate-resilient development in response to the climate crisis.

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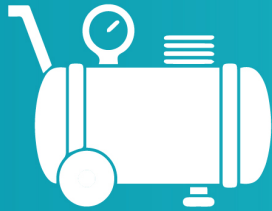
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New Air Compressor with Heat Recovery for AD METALNO



AD METALNO Ltd, a company from Zvornik, is specialised in production and assembly of steel (metal) structures for industrial, business and agro-industrial facilities according to the system of engineering and upgrading of facilities. The company received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

20 years



DECARBONISATION PROJECT:

Installation of new air compressor with heat recovery



TOTAL INVESTMENT:

97.133,35 BAM

IDA PROJECT

RESULTS



Energy saving:
37.000,00 kWh/ year



Financial savings:
21.142,00 BAM/ year



Simple payback period:
4,59 years



GHG emission reduction in lifespan:
289,22 tCO2

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Solar Photovoltaic Power Plant and LED Lighting for Cosicpromex



Cosicpromex Ltd, a company from Usora specialised in production, trade and services, and deals with metal processing and the production of metal structures, as well as the execution of all types of construction works, including works in shipbuilding. The company received technical and financial support through the IDA project.

LIFESPAN
OF THE MEASURE:

25 years



DECARBONISATION
PROJECT:

**Installation of 200 kW
solar PV power plant on
the roof of the
company's production
halls and installation
of LED lighting**



TOTAL
INVESTMENT:

279.546,15 BAM

IDA PROJECT

RESULTS



**Reduction of electricity
consumption from the grid for
231.828,00 kWh/ year**



**Financial savings:
41.729,11 BAM/ year**



**Simple payback period:
6,7 years**



**GHG emission reduction in
lifespan:
1.812,12 tCO2**

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Solar Photovoltaic Power Plant for Gradmont



Gradmont Ltd, a company from Gradacac, whose main activity is the production of prefabricated concrete elements, received technical and financial support through the IDA project.



IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for **164.417,49 kWh/ year**



Financial savings: **35.103,13 BAM/ year**



Simple payback period: **6,56 years**



GHG emission reduction in lifespan: **1.285,19 tCO2**

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of **150 kW solar PV power plant on the roof of the company's production halls**



TOTAL INVESTMENT:

230.178,40 BAM

19 SMEs in Bosnia and Herzegovina, primarily in the carbon-intensive industries (electricity, steel, and cement), benefited from the IDA project, which aimed to decarbonize industry and initiate a fair, inclusive transition to a low-carbon economy. The project sought to uphold the global Climate Promise - NDCs, aiming for net-zero emissions and climate-resilient development in response to the climate crisis.

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Heat Pumps and Thermal Insulation for G&S TRADERS



G&S TRADERS Ltd, a company from Bijeljina that produces PVC and aluminum carpentry, aluminum facades, and fence systems with more than 50 percent of their products exported to the European Union market, received technical and financial support through the IDA project.

IDA PROJECT

RESULTS



Energy saving:
49.923,33 kWh/ year



Financial savings:
6.665,85 BAM/ year



Simple payback period:
3,65 years



GHG emission reduction in lifespan:
390.23 tCO2

LIFESPAN OF THE MEASURE:

20 and 30 years



DECARBONISATION PROJECT:

Heat pumps and thermal insulation of facade



TOTAL INVESTMENT:

229.031,01 BAM

19 SMEs in Bosnia and Herzegovina, primarily in the carbon-intensive industries (electricity, steel, and cement), benefited from the IDA project, which aimed to decarbonize industry and initiate a fair, inclusive transition to a low-carbon economy. The project sought to uphold the global Climate Promise - NDCs, aiming for net-zero emissions and climate-resilient development in response to the climate crisis.

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Energy Efficiency Management System and Air Compressor Heat Recovery for Lukavac Cement Factory



Lukavac Cement Ltd, a company that produces and sells different types of cement, including portland and masonry cement, received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

20 years



DECARBONISATION PROJECT:

Energy efficiency management system for rotary kiln and cement mill, waste heat recovery from air compressor



TOTAL INVESTMENT:

620.783,00 BAM

IDA PROJECT

RESULTS



Energy saving:
946.168,00 kWh/ year



Financial savings:
171.310,37 BAM/ year



Simple payback period:
3,62 years



GHG emission reduction in lifespan:
7.308,71 tCO2

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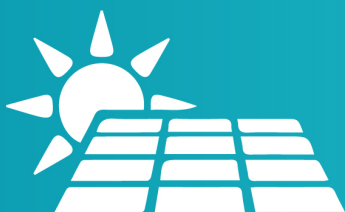
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Solar Photovoltaic Power Plant for MDG INTERNATIONAL



MDG
International d.o.o



MDG INTERNATIONAL Ltd is a company from Vogosca specialised in CNC machining for various industries such as automotive, marine, medicine, measurement technology, industrial electronics, and more. The company received technical and financial support through the IDA project. The company received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of 100 kW solar PV power plant on the roof of the company's production halls



TOTAL INVESTMENT:

130.010,00 BAM

IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for **113.647,00 kWh/ year**



Financial savings: **19.888,00 BAM/ year**



Simple payback period: **6,54 years**



GHG emission reduction in lifespan: **888,34 tCO2**

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Solar Photovoltaic Power Plant and LED Lighting for MEDENA COMMERCE



MEDENA COMMERCE Ltd from Usora is a family-owned company specialised in metal processing and mechanical assembling of the produced parts. The company received technical and financial support through the IDA project.

IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for **178.044,96 kWh/ year**



Financial savings: **31.220,40 BAM/ year**



Simple payback period: **8,52 years**



GHG emission reduction in lifespan: **1.391,72 tCO2**

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of **190 kW solar PV power plant on the roof of the company's production halls and instalation of LED lighting**



TOTAL INVESTMENT:

266.093,99 BAM

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Replacement of CNC Machine for NIHO MOTORS



NIHO MOTORS Ltd, a family company from Konjic that deals with metal machining, production of brake pads and sale of spare parts for cars, received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

20 years



DECARBONISATION PROJECT:

Replacement of CNC machine



TOTAL INVESTMENT:

113.00,00 BAM

IDA PROJECT

RESULTS



Electricity saving:
7.075,00 kWh/ year



Financial savings:
25.562,00 BAM/ year



Simple payback period:
4,42 years



GHG emission reduction in lifespan:
55,33 tCO2

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Solar Photovoltaic Power Plant for MP PANDUREVIC



MP PANDUREVIC Ltd, a company from Modrica has been engaged in the production of wrought iron elements such as iron furniture and offers a large assortment of elements of different dimensions and materials. The company received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of 230 kW solar PV power plant on the roof of the company's production halls



TOTAL INVESTMENT:

312.257,00 BAM

IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for 220.000,00 kWh/ year



Financial savings: 37.113,00 BAM/ year



Simple payback period: 8,41 years



GHG emission reduction in lifespan: 1.719,66 tCO2

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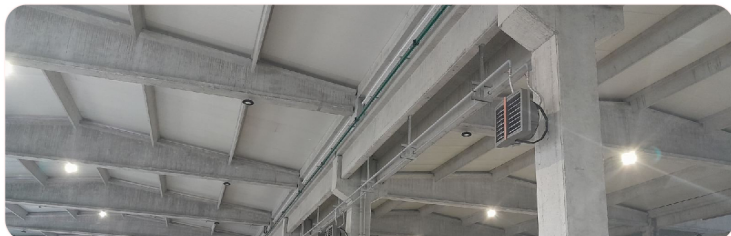


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Heat Pumps for PROFIL ISOLATION



PROFIL ISOLATION Ltd, a company from Zepce specialised in cold and hot insulation of pipelines and elements of industrial plants, production and installation of air conditioning and ventilation channels , insulation of steam heating pipes and hot water pipes and insulation with flexible thermal insulation for external use. The company received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

20 years



DECARBONISATION PROJECT:

Installation of heat pumps and HVAC equipment in warehouse



TOTAL INVESTMENT:

340.584,30 BAM

IDA PROJECT

RESULTS



Energy saving:
28.570,00 kWh/ year



Financial savings:
82.000,00 BAM/ year



Simple payback period:
4,15 years



GHG emission reduction in lifespan:
223,32 tCO2

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Solar Photovoltaic Power Plant for Profine BH



Profine BH Ltd, a company located in Zivinice is a manufacturer of PVC profiles for windows and doors, as well as a well-known supplier of solutions for blinds and PVC panels. The company received technical and financial support through the IDA project.



IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for **1.074.937,50 kWh/ year**



Financial savings: **188.114,06 BAM/ year**



Simple payback period: **7,61 years**



GHG emission reduction in lifespan: **8.402,41 tCO2**

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of **910 kW solar PV power plant on the roof of the company's production halls**



TOTAL INVESTMENT:

1.432.231,06 BAM

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Replacement of Injection Molding Lines and Laser Welding Equipment for Tisakomerc



Tisakomerc Ltd from Zepce is a trading company engaged in the production and distribution of screw goods, fittings, tools for processing PVC and ALU carpentry, milling cutters, metal parts, textiles, plastic injection and export of furniture.

LIFESPAN
OF THE MEASURE:

20 years



DECARBONISATION
PROJECT:

Replacement of
injection molding lines
and laser welding
equipment



TOTAL
INVESTMENT:

194.934,76 BAM

IDA PROJECT

RESULTS



Electricity saving:
98.055,00 kWh/ year



Financial savings:
64.405,75 BAM/ year



Simple payback period:
3,03 years



GHG emission reduction in
lifespan:
517,68 tCO2

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Solar Photovoltaic Power Plant for Tvornica Opeke Sarajevo



Tvornica opeke Ltd Sarajevo is the largest producer of brick products in Bosnia and Herzegovina, and the range of products consists of thermal program, classic block, euro-partition panels and ceiling fillings. The company received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of 900 kW solar PV power plant on the roof of the company's production halls

TOTAL INVESTMENT:

1.372.222,22 BAM



IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for 1.023.106,75 kWh/ year



Financial savings: 155.614,54 BAM/ year



Simple payback period: 8,82 years



GHG emission reduction in lifespan: 7.997,27 tCO2

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Electronic Forklift, Led Lighting and Grinding Machine for METAL HOLLAND



METAL HOLLAND Ltd, a company from Samac which produces metal and roof structures, containers, crane bridges, crane tracks and more, received technical and financial support through the IDA project.

LIFESPAN
OF THE MEASURE:

25 years



DECARBONISATION
PROJECT:

**Procurement of electric
forklift, LED lighting,
grinding machine**



TOTAL
INVESTMENT:

229.871,14 BAM

IDA PROJECT

RESULTS



**Reduction of electricity
consumption for
22.912,00 kWh/ year**



**Financial savings:
36.322,60 BAM/ year**



**Simple payback period:
6,33 years**



**GHG emission reduction in
lifespan:
138,15 tCO2**

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Solar Photovoltaic Power Plant for BRAVARIJA PILE



BRAVARIJA PILE Ltd, a company from Laktasi, with expertise in manufacturing different steel products, building hardware, all types of fences, stairs, garage and other doors, i.e. complete black hardware, received technical and financial support through the IDA project.

IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for **171.838 kWh/ year**



Financial savings: **29.791,00 BAM/ year**



Simple payback period: **7,72 years**



GHG emission reduction in lifespan: **1.343 tCO2**

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of **143 kW solar PV power plant on the roof of the company's production halls**



TOTAL INVESTMENT:

269.153,82 BAM

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A New Metal Processing Machine Center for Imaco Systemtechnik



Imaco Systemtechnik Ltd, a company from Usora, that has been operating for 17 years in the field of metal processing and machining industry with 100 percent export to the European Union, received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Procurement of new metal processing machine center (production increase with energy efficiency of 40%)



TOTAL INVESTMENT:

474.301,62 BAM

IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for **13.920 kWh/ year**



Financial savings: **314.436,00 BAM/ year**



Simple payback period: **1,51 years**



GHG emission reduction in lifespan: **108,81 tCO2**

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Solar Photovoltaic Power Plant for Tvornica Tehnoloske Opreme



Tvornica tehnoloske opreme Ltd, a company from Sarajevo that offers a wide spectrum of products from inox, black steel, aluminum, and of products made of other materials in combination with steel, received technical and financial support through the IDA project.

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of 60 kW solar PV power plant on the roof of the company's production halls

TOTAL INVESTMENT:

104.022,41 BAM



IDA PROJECT

RESULTS



Reduction of electricity consumption for 57.084 kWh/ year



Financial savings: 9.989,00 BAM/ year



Simple payback period: 10,41 years



GHG emission reduction in lifespan: 446,21 tCO2

19 SMEs in Bosnia and Herzegovina, primarily in the carbon-intensive industries (electricity, steel, and cement), benefited from the IDA project, which aimed to decarbonize industry and initiate a fair, inclusive transition to a low-carbon economy. The project sought to uphold the global Climate Promise - NDCs, aiming for net-zero emissions and climate-resilient development in response to the climate crisis.

Project INCLUSIVE DECARBONIZATION ACTIVITY – IDA; Duration 2022–2023; Donor: GOVERNMENT OF JAPAN; Implemented by UNITED NATIONS DEVELOPMENT PROGRAMME IN BOSNIA AND HERZEGOVINA - UNDP BIH; Main partner MINISTRY OF FOREIGN TRADE AND ECONOMIC RELATIONS OF BOSNIA AND HERZEGOVINA.



From the People of Japan



BOSNA I HERCEGOVINA
Ministarstvo vanjske trgovine i ekonomskih odnosa
Bosne i Hercegovine



Solar Photovoltaic Power Plant for the RAMA-GLAS Company

RAMA GLAS



RAMA-GLAS Ltd, a company from Sarajevo, specialized in processing, enameling, tempering, lamination, structural gluing and production of thermal insulating glass and glass facades, received technical and financial support through the IDA project.

IDA PROJECT

RESULTS



Reduction of electricity consumption from the grid for **757.350 kWh/ year**



Financial savings: **132.536,25 BAM/ year**



Simple payback period: **7,93 years**



GHG emission reduction in lifespan: **5.919,94 tCO₂**

LIFESPAN OF THE MEASURE:

25 years



DECARBONISATION PROJECT:

Installation of **640 kW Solar PV Power Plant** on the roof of the company's production halls



TOTAL INVESTMENT:

1.230.418,88 BAM

19 SMEs in Bosnia and Herzegovina, primarily in the carbon-intensive industries (electricity, steel, and cement), benefited from the IDA project, which aimed to decarbonize the industry and initiate a fair, inclusive transition to a low-carbon economy. The project sought to uphold the global Climate Promise - NDCs, aiming for net-zero emissions and climate-resilient development in response to the climate crisis.

Project INCLUSIVE DECARBONIZATION ACTIVITY - IDA; Duration 2022-2023; Donor: GOVERNMENT OF JAPAN; Implemented by UNITED NATIONS DEVELOPMENT PROGRAMME IN BOSNIA AND HERZEGOVINA - UNDP BIH; Main partner MINISTRY OF FOREIGN TRADE AND ECONOMIC RELATIONS OF BOSNIA AND HERZEGOVINA.