

REBUILT

REENGINEERING BUSINESS UNDER CLIMATE CRISIS

Action Plan Implementation

COMPANY NAME AND WEBSITE:

HADJIISKI AND FAMILY
<https://www.hadjiiski.com/index.php?lang=2>

COMPANY DESCRIPTION:

HADJIISKI AND FAMILY LTD. was founded in 1991. The dairy plant is located in a picturesque country on the bank of Ogosta River by the village of Gradeshnitsa, Vratsa Region.

HADJIISKI AND FAMILY has been a leader in the production and trade of dairy products and cheese in Bulgaria for 20 years.

The enterprise has been licensed for trade in the European Union since October 2008.

Our cheese and dairy delicacy products are produced according to traditional Bulgarian recipes. They don't contain vegetable fats or other atypical supplements.

The natural taste of the products is our goal and we are proud of it.

The main advantage of our dairy is that almost all raw milk we process is produced in elite farms in ecologically clean lands.

The high quality of the raw milk, along with the quality control conducted regularly at the modern laboratory of the enterprise guarantees the top quality of the products.

Our goal is to produce high quality dairy products by preserving the traditional Bulgarian taste.

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COMPANY'S CURRENT SITUATION (PROBLEMS):

Energy consumption

According to the data, the company consumes 553 029.00 kWh of electricity annually. This consumption can give an annual cost of 141 440.00 BGN without calculating VAT, Municipality fees, etc.

PROCESSES THAT HAVE BEEN DISCUSSED TO BE REENGINEERING:

HADJIISKI AND FAMILY LTD investment proposal is to install a Photovoltaic system of 299 kw.h.in order to reducing the consumption of electrical energy

PROCESS THAT WILL BE REENGINEERED

The installation of this system will contribute to the reduction of electricity consumption in all processes carried out in production.

ACTIONS TO BE TAKEN FOR THE REENGINEERING OF THE PROCESS:

A Photovoltaic plant with a capacity of 299 kw.h will be installed on the existing roof of the buildings.

This includes the installation of 3 panels with a total capacity of 250 sq.h

Total price BGN 403,912 without VAT.

MONITORING

RESULTS OF THE IMPLEMENTATION

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	1	2	3	4	5	6	7	8	9	10	11	12	Total amount SQ.H
2022	420	3887	442	441	472	550	578	548	532	438	364	350	55302
2023	43	0	24	95	28	54	33	86	61	68	90	77	9
2023	295	2178	220	187	201	166	164	185	183	203	227	255	25093
2023	66	2	55	01	24	31	25	45	87	79	56	79	0
Total	71609	60652	66279	62896	67352	71685	74258	73431	71648	64247	59246	60656	803959
BGN													BGN
2022	7225	6089	7259	8110	8469	11749	14574	15294	16077	18693	9873	18028	141440
BGN													
2023	9090	6554	6939	5474	5577	4616	5125	5865	5721	6243	6459	6187	73850

FURTHER RECOMMENDATIONS

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