



FUMAGALLI INDUSTRIA ALIMENTARI SPA

LANGHIRANO FACILITY (PR), VIA CASCINAPIANO 73



ENVIRONMENTAL STATEMENT 2021 ***UPDATE AS OF 30.09.2022***



INFORMATION FOR THE PUBLIC

The information in this statement is updated to **30 September 2022**.

This updated Environmental Statement has been drawn up in accordance with Regulation (EC) 1221/2009 as amended by Regulation (EU) 2017/1505 of 28 August 2017 and Regulation (EU) 2018/2026 of 19 December 2018 of the European Commission.

As regards the information given in Annex IV, as amended by Regulation (EU) 2018/2026, please note that:

- this statement contains all the elements indicated in sections A, B and C;
- the core environmental performance indicators listed at point 2 letter c) of section C of the aforementioned Regulation have been taken into consideration;
- the indicator referring to land use with regard to biodiversity given at point 2 letter v) of section C of the Regulation has been included in the information provided about the area occupied by the factory.

This update is an integral part of the Environmental Statement 2021. Both documents are available upon request to:

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NACE code (ATECO 2007): 10.13.0 Production of meat and poultry meat products

APPROVAL STATEMENT

IMQ S.p.A., in its capacity as Accredited Verifier IT-V-0017, visited the Organization on 28/12/2022, conducted interviews with personnel and analysed documentation and reports, enabling it to validate the information and data given in this annual update of the Environmental Statement.

Fumagalli Industria Alimentari S.p.A. will prepare its next Environmental Statement by December 2023 and will submit the annual updates of its Environmental Statement to the Accredited Verifier.

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1. General information

This is the second annual update of the Environmental Statement 2021 and contains any changes or new information that have come to light in the interim, as well as an update of the environmental data and indicators; all the other information has remained the same and may be viewed in the Environmental Statement 2021.

The Organization has been involved in no disputes or litigation regarding environmental protection issues or health and safety in the workplace either with government bodies or the local community.

2. Updated data and indicators

The core environmental performance indicators listed at point 2 letter c) of section C of Regulation (EU) 2018/2026 were taken into consideration, namely:

- energy efficiency
- material efficiency
- water
- waste
- land use
- emissions

The table below gives the applicability of the above indicators and those actually used.

Proposed indicators Reg. 2018/2026		Applicability	Indicators used		Notes on application	Source for A
A	B		A	B		
total direct energy consump- tion	meat processed	APPLIED	electricity (MWh)	meat processed (tonnes)		meter readings, bills
			methane (m ³)	meat processed (tonnes)		meter readings, bills
total direct renewable energy consump- tion	meat processed	NOT APPLIED			indicator not relevant as energy generated from renewable sources is not used	
total renewable energy generation	meat processed	NOT APPLIED			indicator not relevant as energy is not generated from renewable sources	
annual mass-flow of key materials used	meat processed	APPLIED	chemicals (kg)	meat processed (tonnes)		purchasing documents

Proposed indicators Reg. 2018/2026		Applicability	Indicators used		Notes on application	Source for A
A	B		A	B		
			packaging (tonnes)	meat processed (tonnes)		number of packs produced and relevant weight
total annual water use	meat processed	APPLIED	water intake (m ³)	meat processed (tonnes)		meter readings, bills
			water discharge d (m ³)	meat processed (tonnes)		meter readings
total annual generation of waste	meat processed	APPLIED	sludge (kg)	meat processed (tonnes)		waste transportation documents (weight recorded at destination)
			mixed packaging (kg)	meat processed (tonnes)		waste transportation documents (weight recorded at destination)
			by-products of animal origin (kg)	meat processed (tonnes)		registers kept in accordance with legislation on animal by- products
total annual generation of hazardous waste	meat processed	APPLIED	oil waste (kg)	meat processed (tonnes)		waste transportation documents (weight recorded at destination)
total use of land	meat processed	APPLIED	area occupied by the factory (sqm)	-	the data referring to total use of land have not been correlated with meat processed	building paperwork
total sealed area	meat processed	APPLIED	sealed area occupied by the factory (sqm)	-		building paperwork

Proposed indicators Reg. 2018/2026		Applicability	Indicators used		Notes on application	Source for A
A	B		A	B		
total nature-oriented area on site	meat processed	NOT APPLIED			indicators not relevant as there are no areas designed to promote biodiversity on site or belonging to the company off site	
total nature-oriented area off site	meat processed	NOT APPLIED				
total annual greenhouse gas emissions	meat processed	APPLIED	CO2 equivalent emissions relating to energy consumption (tonnes Co2e)	meat processed (tonnes)		methane and electricity consumption from meter readings and bills
	meat processed	NOT APPLIED			the data referring to topped-up refrigerant gases (tonnes CO2e) have not been correlated with meat processed as these emissions do not refer to the production process	
total annual air emissions	meat processed	NOT APPLIED			indicator not relevant as the emissions referring to the production process are not significant	

(table 1)

As can be seen in the table, the indicators were calculated as the relationship between the data indicating total annual use/impact and the amount of meat processed annually by the Organization.
Data referring to some core environmental performance indicators are not reported as they were not considered relevant to the Organization's business.

The indicator referring to land use with regard to biodiversity given at point 2 letter v) of section C of Regulation (EU) 2018/2026 has been included in the information provided about the area occupied by the factory.

Below are the data and indicators updated as of 30 September 2022.

All the data and indicators in the table are given in the Environmental Management System document MOD. 3.1-C, which is updated at least once a year.

Parameter	Unit	2019	2020	2021	Sept. 22
Products Processed pork meat	Tonne	1,152.878	950.178	1,183.754	856.476
processed Finished product	Tonne	898.070	706.770	791.121	566.033
Packaging BOXES for shipping PLASTIC	Tonne	56.856	59.716	64.503	45.293
FILM for packing	Tonne	78.723	82.683	89.312	62.714
Chemicals DETERGENTS and DISINFECTANTS	Tonne	3.6	3.708	3.390	2.644
WATER SOFTENER SALT	Tonne	13	16	18	13
Energy consumption Electricity	MWh	909.823	950.466	921.558	682.703
Methane	m ³	52,568	52,979	59,078	34,511
CO2 equivalent	Tonne	439.2	455.081	456.289	319.961
Refrigerant gases Top-up R404a Total R404a	kg	32	0	0	0
Top-up percentage	kg	450	450	450	450
	%	7%	0%	0%	0%
Water consumption From public network	m ³	10,039	10,389	14,386	8,663
Condenser water	m ³	3,722	3,659	5,262	3,565
Discharged into sewers	m ³	8,724	8,589	10,625	6,540
Atmospheric emissions NO2 (threshold value: 350)	mg/Nm ³	20.9	35.3	51.1	**
CO (threshold value: 100)	mg/Nm ³	26	13.5	12.2	**
Efficiency (minimum threshold: 90%)	%	94.6	95.3	96.1	**
Waste disposed of Sludges (EWC 02.02.04)	Tonne	111.64	115.72	122.86	92.8
Mixed packaging (EWC 15.01.06)	Tonne	53.7	61.50	61.85	41.46
By-products of animal origin	Tonne	300.66	287.97	339.13	232.24
Indicators [water intake/meat processed]	m ³ /t	8.708	10.93	12.153	10.115
[water discharged/meat processed]	m ³ /t	7.567	9.039	8.976	7.636
[electricity/meat processed]	MWh/t	0.789	1.00	0.779	0.797
[methane/meat processed]	m ³ /t	45.597	55.75	49.907	40.294
CO2e / meat processed	tonne/ton-ne	0.381	0.479	0.385	0.374
chemicals / meat processed	kg/Tonne	14.4	20.741	18.070	18.266
Packaging / meat processed	tonne/ton-ne	0.118	0.150	0.088	0.126
Sludges (EWC 02.02.04) / meat processed	kg/Tonne	96.84	121.788	103.788	108.351
Mixed packaging (EWC 15.01.06) / meat processed	kg/Tonne	46.58	64.725	52.249	48.408
By-products of animal origin / meat processed	kg/Tonne	260.79	303.065	286.489	271.153

(table 2)





** 2022 data on atmospheric emissions are not yet available as measurements are taken in the final quarter of the year.



Water discharge: parameters	Applicable thresholds (1)		2019 (2)	2020 (2)	2021 (2)	Sept. 22 (2)
Volume of discharged water	-	m ³	8,724	8,589	10,625	6,540
COD	3000	mg/l	245	339.25	254.75	290.33
BOD5	1500	mg/l	78.25	123.50	170.00	126.33
Total suspended solids with pH=7	2000	mg/l	68.25	97.50	47.50	44.33
pH	5.5 – 9.5	-	7.12	6.89	7.13	7.06
Chlorides (like Cl)	3500	mg/l	40.03	44.30	71.75	38.43
Animal and vegetable fat and oils	500	mg/l	46.53	65.58	30.60	47.33
Surfactants	4	mg/l	3.05	2.24	2.68	3.35
Total phosphorus (like P)	60	mg/l	1.32	1.88	1.86	1.78
Ammoniacal nitrogen (like NH ₄)	30	mg/l	0.26	0.41	0.25	0.33
Nitrous nitrogen (like N)	0.6	mg/l	0.17	0.02	0.35	0.04
Nitrate	30	mg/l	0.55	0.20	0.58	1.10

ENVIRONMENTAL IMPACTS	TYPE OF PRODUCT COOKED HAM	CURED HAM
Water	4-18 m ³ /t	2-20 m ³ /t
Energy	2000-40001 kWh/t	2000-40001 kWh/t
Wastewater	20-25 kg COD/t	20-25 kg COD/t
Solid waste	35-50 kg/t	35-50 kg/t

The table below compares the company's indicators over the past few years with the reference values of the "Best Environmental Management Practice for the Food and Beverage Manufacturing Sector" report - table 8.6.

Indicator	Unit	2019	2020	2021	Sept. 2022	Reference values table 8.6	Outcome
water intake / meat processed	<i>m³/t</i>	8.708	10.934	12.153	10.115	2 - 20	
energy *** / meat processed	<i>kWh/t</i>	2159.667	2717.618	2178.366	2125.355	2000 - 4000	
COD water discharged / meat processed	<i>kg COD/t</i>	1.854	3.067	2.287	2.217	20 - 25	
solid waste ****/ meat processed	<i>kg/Tonne</i>	260.79	303.06	286.49	271.15	35 - 50	

(table 5)

*** the energy / meat processed indicator took into account electricity and methane consumption, details of which are given in table 6 below:

Indicator	Unit	2019	2020	2021	Sept. 22
Electricity	<i>MWh</i>	909.823	950.466	921.558	682.703
Methane consumption	<i>m³</i>	52,568	52,979	59,078	34,511
Total energy in TOE	<i>TOE</i>	214.087	222.031	221.724	156.519
TOE / tonne meat processed	<i>TOE/t</i>	0.185698	0.233673	0.187306	0.182748
kWh / tonne meat processed	<i>kWh/t</i>	2159.667	2717.618	2178.366	2125.355

(table 6)

**** the solid waste / meat processed indicator took into account the waste generated during processing of the meat that the company manages as by-products of animal origin (table 7).

Indicators	Unit	2019	2020	2021	Sept. 22
By-products of animal origin / meat processed	<i>kg/t</i>	260.79	303.06	286.49	271.15

(table 7)

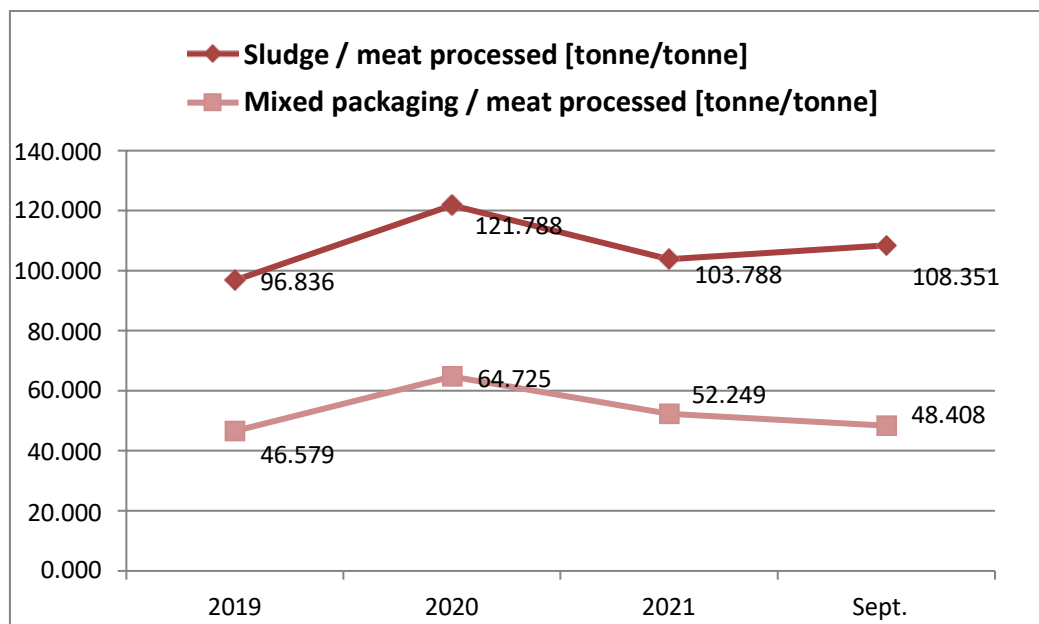
A comparison of the indicators in table 5 with the reference values given in table 8.6 of the "Best Environmental Management Practice for the Food and Beverage Manufacturing Sector" report shows that the company is perfectly within the reference ranges for the water intake and energy used parameters.

As regards the organic pollutant load discharged into the sewers, the value is well below the range, showing that the water treatment plant, where the industrial wastewater is degreased before it is discharged into the public sewer system, works efficiently.

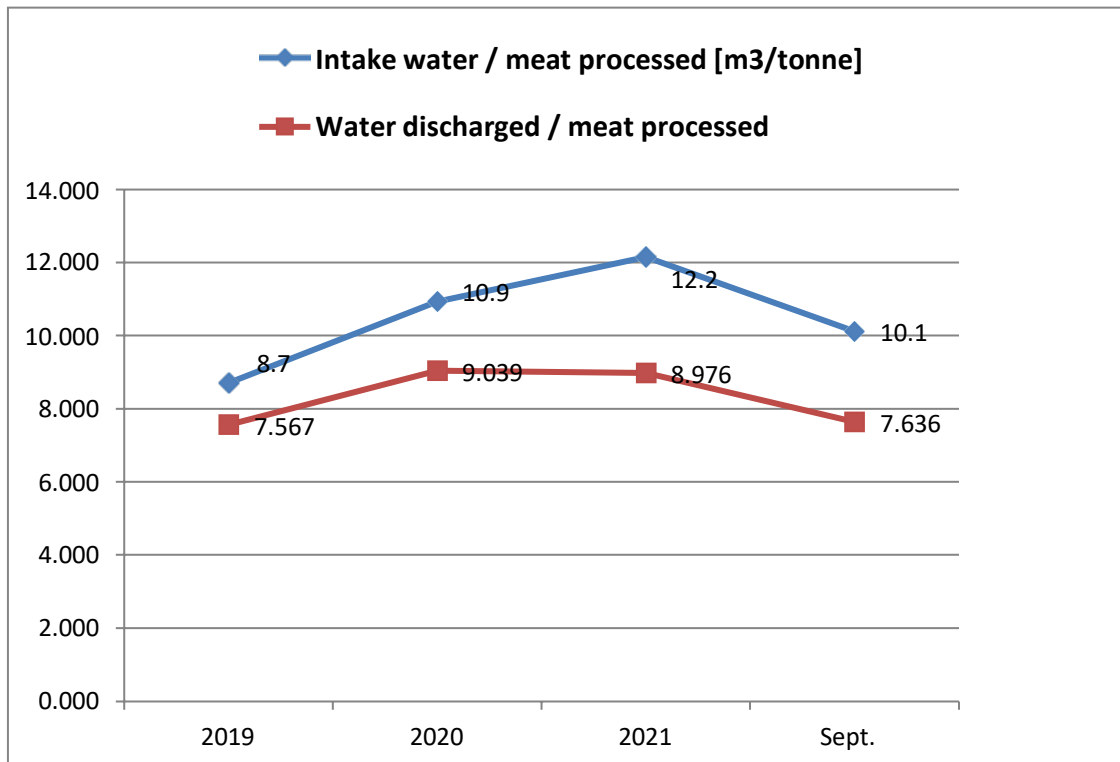
The indicator for waste generated during processing of the meat, on the other hand, is approximately ten times higher than the reference value. This is mainly due to the processes carried out by the company to remove bones, fat and skin. They consist of a series of manual operations (assisted by dedicated machinery) that remove the bony parts of ham and are, namely, cutting the hock, removal of the haunch, gouging and boning. The last process is skinning, where the rind and fat underneath are removed, and then the ham is cleaned internally.

2.1 Indicator trends

The graphs below show the indicators of particular interest.

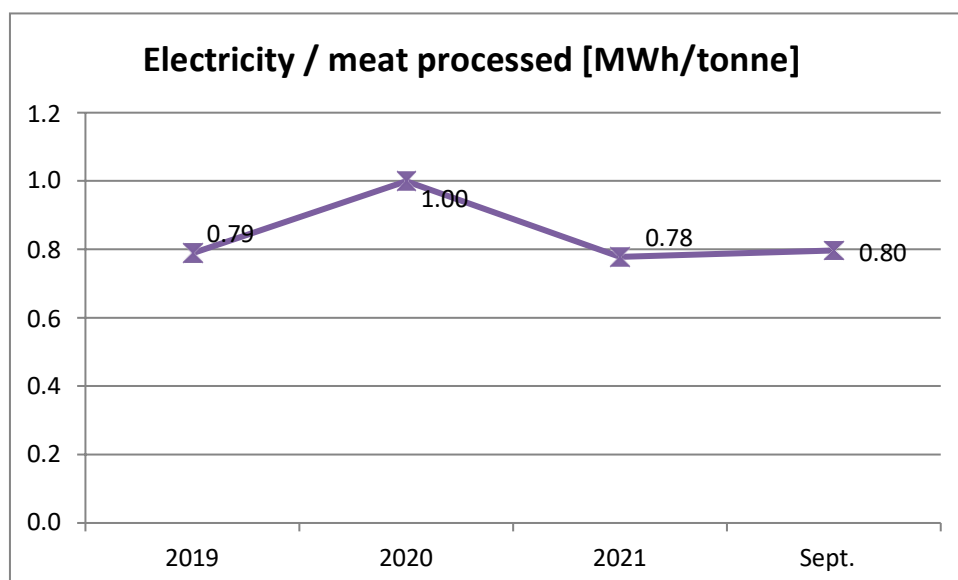


The value of the indicator of the mixed packaging waste trended down in 2021 from the previous year, as did the sludge waste indicator, with both virtually returning to 2019 values. It is reasonable to assume that said trend is due to the smaller amount of meat processed over the period marked by the COVID pandemic in 2020. For the year 2022, the trend is consistent with the previous year's.

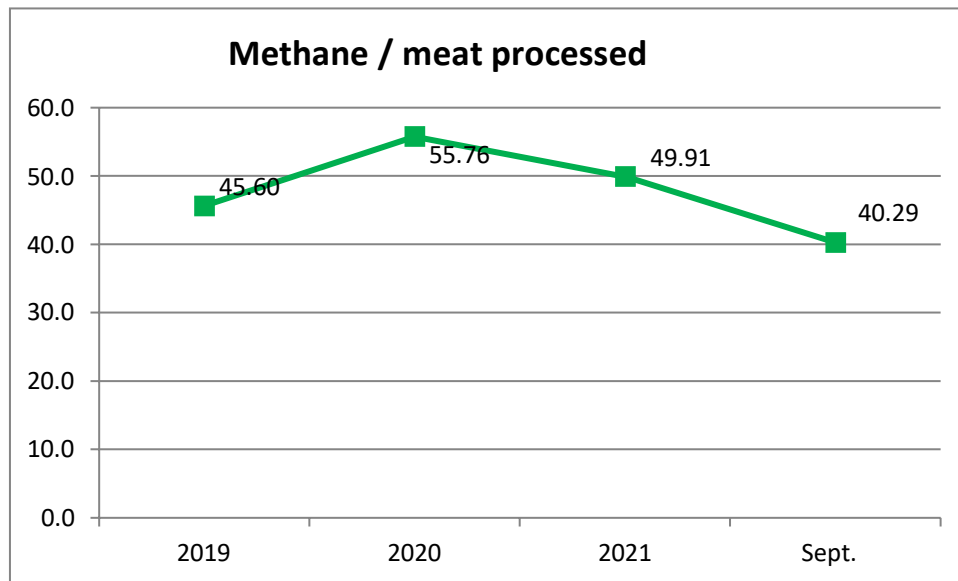


Between 2019 and 2021, the values of the indicators increased, going down for the year 2022, though this value will need to be reassessed at the end of the current calendar year.

This trend is presumably attributable to the failure of the water meter installed at the water mains connection point.



The electricity consumption / meat processed indicator also showed an uptrend for 2020, as a result of a decrease in the amount of meat processed. The values for the other years appear virtually constant.



As regards methane, the indicator for 2020 shows an uptrend due to a decrease in the amount of meat processed, as usage readings appear similar over the 2019-2020 two-year period. For 2021, there is a decrease due to an increase in the raw material processed, while the current calendar year remains to be assessed.

The table below gives greenhouse gas emissions due to topping up of refrigerant gas from 2019 to September 2022.

The annual amount of topped-up gas has been taken from the reports produced by the external specialized companies following scheduled and non-scheduled maintenance.

GHG type	Quantity (kg)	Top-ups (kg)				Tonnes CO ₂ e (top-ups 2019 - Sept.22)
		2019	2020	2021	Sept. 22	
R404a (GWP* 3922)	450	32	0	0	0	125.5

(table 8)

*GWP: Global Warming Potential is the measure of the ability to absorb infrared radiation emitted by the earth's surface, trapping it in the atmosphere, the so-called greenhouse effect.

Implementation of Regulation (EU) 2018/2026 requires that information regarding the area of land occupied is also given.

Most of the factory, which has a polygonal footprint, is on three floors, two of which are above ground and one below.

Work to extend the premises was completed in September 2015, taking the total covered area to 1,158.85 m², while the uncovered area is approximately 3,467 m²

The built-up area of the site, which impacts on the biodiversity indicator, has remained the same.

3. Environmental policy

The Environmental Policy was revised on 06/09/2018.

4. Environmental aspects

The significance of the environmental aspects of the Organization's activities was assessed in accordance with the provisions of EMAS Regulation (EC) 1221/2009 and its amendments in the section entitled "Description of the criteria for assessing the significance of the environmental impact."

Chapter 8 of the "Best Environmental Management Practice for the Food and Beverage Manufacturing Sector" report of 2018 (EC-JRC) contains the main environmental aspects for each stage in the production of meat and poultry meat (table 8.4) and the most relevant impacts for these companies, such as:

- ✓ Energy consumption
- ✓ Water consumption, used as an ingredient, for cleaning, for freezing raw materials and cooling cooked products.
- ✓ Wastewater, which contains a significant organic load, characterized by a high salt content and organic constituents including mainly blood, fat, protein, sugars, spices, additives, detergents and disinfectants. Skin and tissue fragments can also be found.
- ✓ Solid waste consisting mainly of by-products generated during meat and poultry meat

processing. These wastes include non-conforming products and meat scraps remaining on the processing equipment (e.g. bone, fat, leftover choppings). Other solid wastes such as packaging wastes (e.g. cardboard, plastic, mixed packaging in general) can also be found in the company.

The company has assessed the significance of these aspects in its "Environmental Analysis", which is updated at least once a year.

This assessment was carried out using a specially developed procedure based on the combination of the number of applicable criteria and the corresponding value of the management level.

The Organization used this criterion to determine the most significant environmental aspects, which are as follows:

- water discharge;
- waste;
- energy consumption.

Please consult the Environment Statement 2021 for a comprehensive explanation of the significance of the individual aspects and the evaluation methodology used.

5. Improvement programme and goals

The environmental improvement programme set out in the Environment Statement 2021 and based on the Organization's environmental policy, the results of the environmental analysis, review and audits, has already, in part, been put into practice.

Below is the improvement programme and goals.

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
Improve wastewater quality	Further examination of the current treatment method to determine whether treatment efficiency can be improved, particularly as regards surfactants.	31/12/2013	COMPLETED (01/10/2013) <i>Decided to reduce surfactants for optimized use of detergents</i>	Completion % (100%)	2 days 2,000 euros	EMS Officer
Improve management of refrigerant gases	Draw up procedures/instructions for maintenance of the air conditioning system to prevent leakages	30/06/2014	COMPLETED <i>Procedure drawn up</i>	Completion % (100%)	1 day	EMS Officer
Improve methods of measuring environmental impacts	Determine the causes of the broken meter and request a new meter be installed by IREN (provider)	31/12/2013	COMPLETED (30/07/2013) <i>IREN contacted and meter replaced</i>	Completion % (100%)	0.5 days 500 euros	EMS Officer
Reduce indirect impacts associated with finished products	Reduce plastic waste generated when using sliced products	31/12/2014	COMPLETED <i>New "Meno Plastica" range of products</i>	Completion % (100%)	2 days	Management
Introduce environmental qualification of suppliers of products and services	Define criteria for environmental assessment of suppliers. Collect data. Appraise suppliers according to set criteria. Select suppliers according to score	30/06/2014	COMPLETED (17/01/2014) <i>New supplier qualification questionnaire drawn up and implemented</i>	Completion % (100%)	2 days 1,000 euros	EMS Officer
Management of suppliers	Notify all suppliers that an environmental management system has been implemented and registered with EMAS and inform them of the environmental rules and regulations they must abide by when conducting business at the Langhirano facility.		GOAL-SUSPENDED	Completion % (0%)	2 days 500 euros	EMS Officer

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
Optimize documentation	Change system documentation to obtain an integrated environmental and safety system	rescheduled 31/12/2015	COMPLETE D 30/09/2015	Completion % (100%)	5 days 3,000 euros	EMS Officer
Reduce the amount of packaging waste produced	The pressing and printing phase has been altered, eliminating plastic bags (one for every ham) for vacuum packaging, thanks to the introduction of a new type of film. New goal introduced in 2015	30/06/2015	COMPLETED June 2015	Completion % (100%)	22,500 euros	EMS Officer

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
Improve the ham washing process	Before the ham is washed, the new process involves mechanically removing the fat in dry conditions (disposed of as a by-product of animal origin). The new washing stage still uses hot water and no detergents or chemicals, but at a higher temperature, 82°C; the washing wastewater is discharged into the sewer following treatment, as in the past. These changes to the washing process introduce the following improvements: More accurate washing process, hams are more thoroughly cleaned. Faster washing process with a higher number of hams washed in the allotted time. The machinery should be able to wash one ham in approximately 15 seconds. The environmental impact is lower as less animal fat is discharged into the sewer as most of the fat is mechanically removed before washing and then disposed of as a food by-product	31/01/2016	See individual goals below	Completion % (100%)		EMS Officer
	Market research to identify new plant to meet needs	30/06/2015	COMPLETED	Completion % (100%)		
	Submit permit application for minor amendment	30/10/2015	COMPLETED (23/10/2015)	Completion % (100%)		
	Permit issued by Parma Provincial Council	31/12/2015	COMPLETED (11/05/2016)	Completion % (100%)		

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
	Installation and start-up of new plant	31/12/2015	COMPLETED	Completion % (100%)		
Reduce use of chemicals	Reduce use of chemicals/detergents	31/12/2016	COMPLETED The amount was not drastically reduced, despite there being more equipment to clean, and the cleaning process was more thorough	Completion % (100%)		EMS Officer
Improve methods of measuring environmental impacts	Determine the causes of the broken meter and request a new meter be installed by IRETI (provider, company belonging to the Iren Group)	31/03/2017	COMPLETED (11/09/2017) Meter replaced by the service provider	Completion % (100%)		EMS Officer
Management of suppliers	Notify all suppliers that an environmental management system has been implemented and registered with EMAS and inform them of the environmental rules and regulations they must abide by when conducting business at the Langhirano facility	31/03/2017	COMPLETED Environmental information published on the website	Completion % (100%)	2 days 500 euros	EMS Officer
Training	Increase training / information about environmental issues	31/12/2017	COMPLETED Training sessions held on environmental issues	Completion % (100%)		EMS Officer
Reduce energy consumption	Reduce energy consumption by replacing two compressors at the Langhirano facility with more efficient models	31/12/2017	See individual goals below	Completion % (100%)	30,000 euros	EMS Officer Management

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
	Identify supplier and draw up supply agreement	30/09/2017	COMPLETED (08/09/2017) The new compressors will use 30% less electricity than the models currently installed	Completion % (100%)		
	Installation of the new compressors to replace the current ones	31/12/2017	COMPLETED (20/10/2017)	Completion % (100%)		
Management of suppliers	Notify all suppliers that an environmental management system has been implemented and registered with EMAS and inform them of the environmental rules and regulations they must abide by when conducting business at the Langhirano facility	31/12/2018	COMPLETED (24/10/2018)	Completion % (100%)	2 days 500 euros	EMS Officer
Reduce energy consumption	Put suggestions submitted by company staff into practice to reduce energy consumption	31/12/2019	COMPLETED (09/05/2019) Installed an illuminated switch to turn the lights in the area under the stairs on and off, and a light sensor in the boning departments	Completion % (100%)	2 days 1,000 euros	EMS Officer
	Ask company staff if they have further suggestions to make	31/12/2021	COMPLETED (29/10/2021) Meeting held with company staff to assess suggestions made on this matter. Minutes of meeting drawn up	Completion % (100%)		

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
	Determine if other suggestions / actions to reduce energy consumption are feasible	31/06/2023	GOAL RESCHEDULED The lighting system is gradually being replaced with new LED lighting. More lighting has been replaced but the process is not complete, so the deadline has been moved to 31/06/2023. Operation of the chilled room has also been optimized based on production and washing hours	Completion % (50%)		
	Assess the technical and economic feasibility of plant on/off/alarm systems (air/nitrogen compressor, domestic hot water), which are automated and managed by software	31/12/2023	Software-controlled system has been postponed due to extension project being put on hold. The decision has been taken to switch off air compressors over night and at weekends. Water supply pressure boosting pumps have been removed, and original mains water pressure kept instead	Completion % (60%)		

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
	Assess the technical and economic feasibility of manually turning on and off the clean rooms a/c to schedules (plant shut down, processing and washing) and not temperature	31/12/2024	POSTPONED Due to extension project being put on hold	Completion % (0%)		
	Assess the technical and economic feasibility of installing photovoltaic system	31/12/2025	POSTPONED	Completion % (0%)		
Reduce use of detergents and disinfectants	Install new dispensing system for detergents and disinfectants used to clean equipment and departments	31/10/2018	COMPLETED (31/10/2018)	Completion % (100%)	500 euros	EMS Officer Management
	Assess the new dispensing system's performance in terms of reducing the amount of detergent and disinfectant used	31/12/2018	COMPLETED (31/12/2018) The new dispensing system is not practical to use	Completion % (100%)		
	Decide whether to invest in a new dispensing system based on results of trial		GOAL SUSPENDED	Completion % (0%)		
	Assess whether the new dispensing system actually reduces consumption of detergents and disinfectants		GOAL SUSPENDED	Completion % (0%)		
	Decide whether it is necessary to take further measures to reduce the use of detergents and disinfectants	30/06/2019	COMPLETED (30/06/2019)	Completion % (100%)		
	Install a new nozzle on the suction injector for the detergents and disinfectants used to clean the equipment and departments	30/09/2019	COMPLETED (30/09/2019)	Completion % (100%)		
	Assess whether the new nozzle installed on the suction injector of the detergents and disinfectants reduces the amount of detergent and disinfectant used	30/09/2020	COMPLETED Consumption of detergents in 2019 and 2020 (up to September) lower than in 2018	Completion % (100%)		

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
	Decide whether it is necessary to take further measures to reduce the use of detergents and disinfectants	30/06/2023	COMPLETED Pressure washers have been serviced. The cleaning company is responsible for part of servicing. An assessment is conducted every year to monitor the amount of detergents used	Completion % (100%)		
Improve methods of measuring environmental impacts	Explore the possibility of reviewing how the environmental indicators are defined	31/12/2021	COMPLETED Environmental performance indicators reassessed; all the indicators refer to the amount of meat processed and not the amount of meat sold (these figures do not always coincide). The decision has been taken to leave the same indicator as it is more representative of environmental performance. This aspect was examined in greater detail in 2021, however, as the stock situation stabilized, the amount produced once again coincided with the amount sold and so the indicators are suitable	Completion % (100%)	1 day 500 euros	EMS Officer

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
Improve wastewater quality	Further examination of the current treatment method to identify measures to improve the efficiency of wastewater treatment	30/06/2022	Goal postponed due to the COVID pandemic. Market research of manufacturers of grease separation systems planned to explore the technical feasibility of installing such a system at the plant. Email request sent out on 26/10/2021. Meeting held with CUBI s.r.l. on 15/11/2021 with preliminary inspection. Quote received on 30/11/2021	Completion % (100%)	2 days 1,000 euros	EMS Officer Management
	Decide whether to put improvements into practice	31/12/2022	It was determined that the improvement in question could not be put into practice due to the cost-benefit analysis giving a negative result, and the need for significant space that the company does not have	Completion % (100%)		

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
Reduce CO2 emissions when transporting own products	Improve transport efficiency, maximizing vehicle loads and avoiding / limiting unnecessary journeys between Langhirano and Tavernerio	31/12/2021	COMPLETED For the two biggest clients, transportation of the company's products was rationalized and improved, avoiding journeys between Langhirano and Tavernerio whenever possible, instead sending goods directly to the client where practicable	Completion % (100%)		EMS Officer Management
Reduce CO2 emissions in journeys to premises	Assess the possibility of reviewing business practices with suppliers (consultants, clients), giving priority to remote working when possible (e.g. working from home)	31/12/2022	The company is introducing online meetings and training courses. The last meeting of the supervisory body and training courses held remotely. Goal extended to 2022	Completion % (50%)		EMS Officer Management
Reduce environmental impact of own packaging	Assess the possibility of using more sustainable packaging for own products	31/12/2022	GOAL RESCHEDULED The company has decided to use lighter weight packaging from the first quarter of 2022	Completion % (100%)		EMS Officer Management
Reduce atmospheric emissions	R404A has a GWP of 3,922, which is one of the highest for refrigerant gases. Assess, with the assistance of the external maintenance team, the possibility of using refrigerant gases with less impact when released into the atmosphere and with a lower GWP	31/12/2024		Completion % (0%)		EMS Officer Management

Goals	Action	Deadline	Progress	Indicator and (result)	Resources to reach goal	Responsibility
Environmental protection	Purchase new absorbent kit to be used for accidental spills and place it in the dedicated area	31/12/2021	COMPLETED (12/11/2021) Absorbent kit for accidental spills ordered	Completion % (100%)		EMS Officer Management
Reduce use of single-use plastic	Replace single-use plastic with material with a lower environmental impact	31/12/2022	GOAL SUSPENDED The decision was taken not to use said materials due to their high cost. The company has already ordered biodegradable drinking glasses to replace its current plastic cups	Completion % (40%)		EMS Officer Management
Reduce use of paper	Reduce the amount of paper used, especially for sending internal communications	31/12/2022	COMPLETED All communications within the company, including monthly payslips, are sent by email	Completion % (100%)		EMS Officer Management

(table 9)

6. Reference laws and standards

The authorizations listed in the 2021 Environmental Statement are still valid.

The Organization is constantly updated on new regulations and legislation, which it implements when relevant, to ensure ongoing compliance with environmental regulatory obligations and legal compliance.