# AMEROPA

### Romania

Sustainability Report 2021



AMEROPA



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subject: Ameropa Romania Sustainability Report 2021

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2021 proved again to be a year of many challenges for the company but we were blessed with satisfactory results. Our employees had again to work from home for large parts of the year, impacting our routine work, but this had no material impact on our activity. On top of the difficulties the pandemic brought, we were also heavily affected by an explosion at our Azomures plant, which thankfully provoked no major human harm, but materially curtailed our production. Then, later and in early 2022, soaring natural gas prices forced us, as many other companies across Europe, to completely stop the fertilizer production there.

### **CEO Letter**

Despite the challenges the year 2021 presented, we implemented our planned actions wherever circumstances allowed. We carried out all the 2021 planned actions to reduce  $CO_2$  emissions in the form of energy efficiency by installing new equipment with the most modern technology and will continue this effort in the future in line with the EU- target of a 55% reduction by 2030.

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As you will see in this report, we also actively continued our efforts for better safety, health, and wellbeing of our people. Installations are continuously improved through learning from incidents, near misses or safety analysis, risk analyses found their way into day-to-day jobs, employees' and training continued to take place despite these difficult circumstances. Although our safety KPIs continue to compare favorably to industry standards, we unfortunately had an increase in LTI's in the past year. The incidents and near misses' reports showed our people were open to learn, including the mistakes that might have ended-up in LTI's, and to share good ideas and concerns with all their coworkers and our contractors.

2021 is also the year in which Ameropa clarified its new long term Group strategy. This plan was created from the inputs of people from businesses and locations

across the world. An important part of this plan focuses specifically on the activities in Romania, a geography that is very close to our hearts and so important to us as it contains a large share of our Group's employees, existing businesses and importantly - future investments. A plan in which sustainable business will become more and more important. In the following years, we will publish a Group Sustainability Report which will include the reporting of the Romanian entities of the Group. I'm incredibly proud of our teams in Romania and the way they responded to the numerous challenges we faced together as a company but also that they faced individually within their own families and lives because of the pandemic. Not only did our employees take care of our business, but also of each other. And in addition, they allowed Ameropa to continue to make progress on the sustainability front. For all this, I thank them whole heartedly and I'm also very proud that Ameropa did not have to resort to any temporary or permanent staff reduction and was able to keep all its staff fully employed during the pandemic. I now invite you to read through our sustainability report and see for yourself why we are proud of the progress achieved across our Romanian operations.

✓ Vision & Values

✓ Vision & Values

# Our New Ameropa Company Vision and Values

In 2021, various working groups have been engaged in developing a new longterm strategic plan for the Ameropa group, including a new definition of the company's vision and values. The new vision and values incorporate and unify what has been done in the past by the local entities of the group.



### Vision

Passionately growing agribusiness for a better future together – the new vision reflects our unique approach of doing business, based on our collective responsibility towards society, our contribution to sustainable agriculture and business practices, the consciousness of the environmental impact of our industry and our commitment to support the local communities.



### Values

A set of interconnected values [Connections, Agility, Expertise, Reliability/C.A.R.E.] defines so well our core identity and our business ethics. The acronym itself, C.A.R.E., underlines our attitude regarding the stakeholders, the environment, the business.

# Connections, Agility, Expertise, Reliability



### About AMEROPA

AMEROPA

Ameropa is a Swiss based agri-business founded in 1948 with world-wide activities that span the full supply chain, ranging from production, through logistics and merchandising, to distribution. A key activity is the global merchandising and distribution of fertilizer, food & feed products, which is supported and enabled by complementary assets, such as silos, warehouses and port facilities, as well as upstream assets such as fertilizer production plants.



Azomures, Ameropa Grains and Chimpex together with our joint-venture-partners continually work towards becoming a more integrated, efficient and sustainable supply chain company.

### About AMEROPA Romania

### Azomures in Targu Mures

is the main mineral fertilizer producer and market leader in Romania, with a strong footprint in the Danube region. With an annual capacity of 1.8 million tons, Azomureș produces Nitrogen fertilizers (Ammonium Nitrate, Urea, UAN), complex fertilizers (NPK) and Melamine (raw material in the construction / furniture industry). The Azomureș platform in Târgu Mureș (Transylvania) employs 2,500 people, most of them from the local community.



### Chimpex in Constanta

celebrated its 50th anniversary in 2021. As one of the largest and most modern port facilities for agricultural commodities in the Constanta port, Chimpex is capable of handling 5 million tons of cargo every year. Besides grains, fertilizers, and feedstuffs, Chimpex also handles other bulk commodities such as sugar.



# Ameropa Grains, also based in Constanta

is one of the largest collectors and exporters of grains and oilseeds, as well as one of the largest distributors of fertilizers, seeds and plant protection chemicals for agriculture in Romania. In the last years it succeeded to sell over 300.000 tons of fertilizers yearly, and over 4 million tons of grains and oilseeds. It operates a network of grains and fertilizer storages across Romania, and its field agents provide commercial and technical assistance to the farmers.



# Azomures and the journey towards Operational Excellence

Back in 2018 Azomures adopted a long-term strategy called 'Path to Excellence 2025', which it has pursued ever since. In 2021, this strategy has been incorporated into the newly defined Group strategy and additional resources were allocated to reach the next level of Operational Excellence. The focus is on designing new processes, upgrading the existing management systems and training and coaching our employees. Our sustainability KPIs are an integral part of this project.



## Sustainable Agriculture

Contributing to a more sustainable agriculture in Romania remains a key long-term goal and in 2021, we continued the initiatives outlined in our 2020 sustainability report which center around product development and innovation, best practices in fertilizer application, and product stewardship.



### Innovation and product development

In 2021, Azomures was working on a total of 42 product innovation projects with the aim to develop more efficient fertilizers adapted to specific crops, 'producing more with less'. One category of products that was launched in 2021 was AzoStart plusSULF. A complex NPK fertilizer for basic fertilization with balanced nutrient content and an addition of sulfur from Romanian-sourced calcium sulfate. Sulfur is an important and necessary nutrient for all crops, which in the past was present in a high amount in the soil. Due to environmental regulations, sulfur emissions into the atmosphere decreased over last 30 years with the result that the availability to plants in the soil decreased as well. In the future, we plan on developing an NS fertilizer to also complement our range of products and widen the options for farmers.

In line with the above a new initiative is our

AzoGROW category which is a complex NPK fertilizer for secondary application, with high nitrogen content and addition of other elements (S, Mg, B and Zn). AzoGROW was launched in 2020 and gained substantial interest from farmers in 2021. The results of the second year of field trials have confirmed the increased efficiency of this product compared to simple nitrogen fortilizars.

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In 2021 we also launched Calcium Nitrate (CN) as a fully soluble granular fertilizer recommended for agricultural crops with high Calcium consumption and for horticultural crops (potato, vegetables, flowers, fruit trees).

Finally, we are working to expand our range with innovative specialty products including different NPK formulas with micronutrients, inhibitors and micro-organisms.





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# Promoting the 4R principles for Fertilizer Application

The worldwide scarcity and record-high prices of fertilizers in the second half of the year have made it more essential than ever to minimize the waste of nutrients and apply fertilizers as efficiently – and thereby sustainably - as possible. Azomures has continued to promote the 4R principles (Choosing the RIGHT type and dose of fertilizer, as well as the moment and the way of application, maximizes the effects

that nutrients have on plants and also the efficiency of fertilizer use).

In the spring of 2021 Azomures launched the Guide of Good Practice for the Safe Storage and Use of Fertilizers on Farms, developed in collaboration with the General Inspectorate for Emergency Situations in Romania. The guide was actively promoted and distributed to farmers across the country.



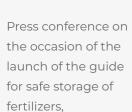
### **Product Stewardship**

Azomures started the implemention of the new European legislation 219/1009 concerning the certification of fertilizer products which need to be finished by July 16th of 2022.

Azomures has implemented the European legislation 1148/2019 concerning the

regulation on explosive precursors. This will be an ongoing effort.

Azomures started the implementation of the opportunities for improvement which were a result of the product stewardship audit performed in 2020. The actions need to be finished before the next audit in 2023.



-February 2021



# Health and Safety management systems

With the continuation of Covid-19 in 2021, still a lot of effort went into prevention and actions together with the public health authorities to contain the COVID-19 outbreak. We are constantly concerned about how we can continue to carry out our daily production and distribution activities in a safe and healthy way and as a result we did not have loss of production in any of our entities due to covid.



### Health and Safety

We continue to work with split shifts for most of our office jobs and to perform meetings, gatherings, and trainings remotely via computer-based systems. We have organized vaccination and testing possibilities for our employees and are actively promoting them.

Unfortunately, in 2021 we had an increase in our LTIR and TRIR rates in the first and second quarter of 2021, against the positive trend of the previous years. In the third and fourth quarter, the rates have stabilized. At our Chimpex and Ameropa Grains locations, we had 2 LTI's, one at each entity. Azomures had 10 LTI's and compared with previous year did not achieve it's LTIR and TRIR targets. Fortunately, none of the incidents

had a serious consequence. The most significant incident of 2021 was at Azomures with an explosion in the Ammonia III-plant due to a pipe failure but did not result in any serious injury.

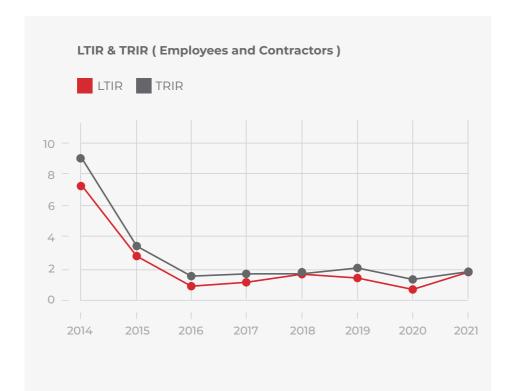
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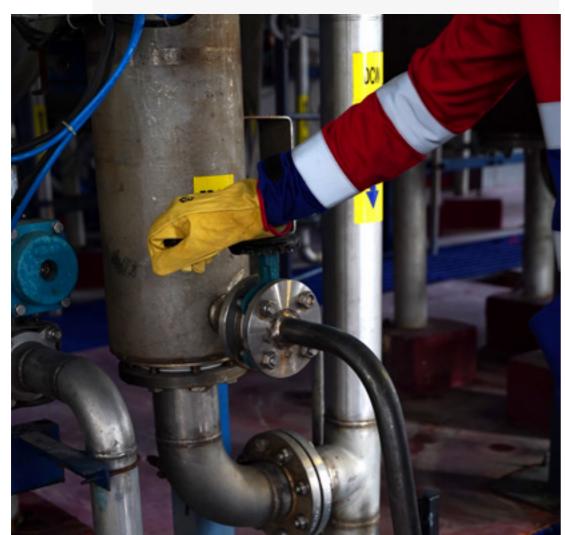
Also in 2021, Azomures successfully implemented the ISO 45001 standard and was certified after the audit in December. The purpose of setting up an Occupational Health and Safety Management System is to provide a framework for managing risks and opportunities in this field, to prevent injury and illness to people, and to ensure safe and healthy employment for all employees, visitors and/or contractors, as defined by the "zero accidents at work" objective.



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# Lost time injury rate and total recordable injury rate for Ameropa Romania







# Health and Safety Highlights AZOMURES

	Health & Safety Targets	Programs in place	Achieved Ongoing
	Raising staff awareness of security and safety	► Improving reporting, investigation, and follow-up of near miss incidents.	•
		► Higher involvement of contractors in ongoing safety actions.	
		► Raising Awareness about the importance of proper completion of the work permit and risk analysis.	
AZOMURES		► Creating videos for each of the 12 Life Saving Rules.	•
		▶Implementation of a Safety Performance Indicator (SPI).	
	Implementation of the SR EN ISO 45001: 2018 standard	A consultant was hired to facilitate the implementation and internal audit of the ISO 45001.  The standard has been implemented after training was performed for employees involved in implementing the standard.  Employees have also participated in ISO 45001 internal auditor courses.  Certification audit was successfully held in December	
	Safety awareness towards the community and Population Alarming System	We launched the Safety Brochure for the local community, distributed in more than 60.000 pcs in Targu Mures and surroundings	•
	Process Safety Brochure	A Process Safety Brochure was made and distributed to all staff to increase the awareness.	•



# Health and Safety Highlights CHIMPEX

	Health & Safety Targets	Programs in place	Achieved Ongoing
	Continuous	► By closing on time nonconformities	
	improvement plan	► By performing planned safety audits	
	improvement plan	► By audits focused on observation of	
		unsafe actions and positive aspects	
		► By performing regular training	
	Improve safety for	► Existing devices on top of rail cars	
	working at heights	and trucks designed for working in	
	"silent killer".	safe conditions were improved with	
	Sheric Killer .	side stairs, platform, and movable	
		access stairs.	
		► Mobile devices designed for	
		working at height in safe conditions	
		were taken in service to cover all	
		locations in the terminal.	
		▶ New systems at new locations	
		were taken in service or are under	
×		construction to protect people from	
Ш		falling.	
Δ.		▶ Proper training has been provided	
Σ		for people using the systems.	
CHIMPEX	NDT on cranes and	For all cranes and lifting equipment,	
	lifting equipment	Non-Destructive-Testing (NDT) was	
O		performed in critical areas of the	
		equipment to uncover defects such	
		as cracked welds or structural defects.	
	Management of	The implementation of a MOC is in	
	Change	progress and will be used to perform	
		critical check when technical,	
		procedural, or organizational changes	
		will take place.	
	Simplification of	Procedures are reviewed and	
	procedures	simplified with intention to publish	
		a manual with all procedures per	
		department	
	Population	The company installed a population	
	Alarming System	alarming system as per Emergency	
		Situation Inspectorate request. The	
		system is operated from a control	
		panel 24/7 manned. The system can	
		communicate with the authorities	
		and company crisis cell.	



### Health and Safety Highlights AMEROPA GRAINS

	Health & Safety Targets	Programs in place	Achieved Ongoing
	Maintain and improve health assessment monitoring in the workplaces	Biannual health assessment is continuous done with the aim to support on keeping the employees healthy.	•
AINS	Maintain and improve the system of reporting non-conformities and unsafe situations	Closing the non-conformities in time by giving continuous Instructions and Training to the people.	
PA GR	Installing safe measures at the railway crossings	The company did install at some locations visual and acoustic signals at the railway crossings in line with an incident learning	
AMEROPA GRAINS	Improve safety for working at heights "silent killer".	▶ New fall protection systems were taken in service or are under construction to protect people from falling.	
₹		▶ Proper training has been provided for people using the systems.	
	Technical improvements at silo and warehouse locations	<ul> <li>► Intensive reviews have been done in different silo and warehouse locations resulting in a list of possible improvements.</li> <li>► A plan with priorities is under development.</li> </ul>	•





### Environmental

In line with best practices, Ameropa Romania follows an Environmentally Sustainable Management system by collecting all possible data to see how the environmental footprint can be reduced by initiatives such as proper integrated procedures and processes; specific training for people; and frequent monitoring, evaluating, and reporting of the environmental performance. This approach has led to the continuous renewal and upgrading of our environmental certifications, the modernizing of our environmental monitoring systems and the ongoing effort to reduce energy and fuel consumption.





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### Azomures highlights

- ► Implementation of an on-line learning system regarding the specific environmental protection issues and the legal obligations of Azomures in this respect.
- ► Installation of unitary containers for the selective collection of waste inside buildings (offices / control rooms, etc.) and for the collection of PETs at the platform level.
- ► To remain open and transparent to the local community, a noise monitoring system with sensors located at several points of the site was installed. The data will be available to the public in 2022, after a period of testing.
- ➤ Continuous evaluation of all new investment projects as to their environmental impact.
- ► Obtainment of the revised environmental permit.



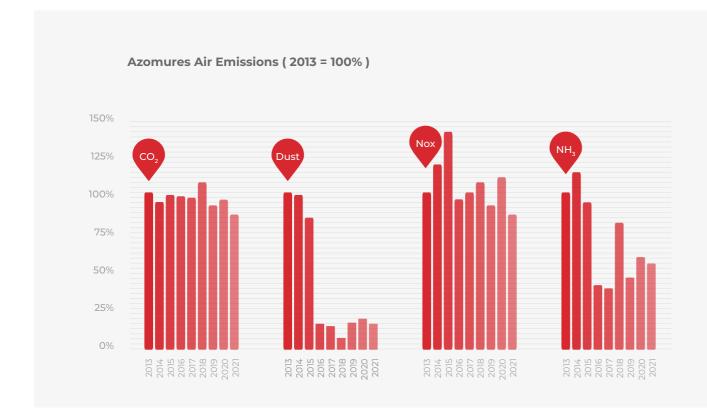
### Chimpex highlights

- ► The renewing of the car and truck fleet as well as mobile equipment with combustion engines reducing the fuel consumption and consequently lowering the CO2 emissions.
- ► Replacing of classic light systems by less consuming LED lights.
- ► Our employees planted 50 trees on Modern beach slope, near Black Sea shore and 70 trees in front of the office to create a greener Constanta.
- ► The company has joined the national project "Caps with Soul". It is a project combining a sustainability effort (developing the spirit of selective waste collection) with a good deed (donating the money from collected bottles to social causes)



### **Emissions**

The reason of the difference in emission you see in the Graph is because most of our plants had fewer operating hours during 2021.



### Azomures – Decarbonization plan

In July 2021, the EU finally adopted the Green Deal and it's 'Fit for 55' policies, which will have a fundamental and lasting impact on the European fertilizer industry. Azomures has also committed to emissions reduction targets in line with but in fact even faster than the European requirements. We

can see this commitment not only on our own production platform, but also on our focus on developing products that will support the wider EU community targets. In particular, in the area of NOx reductions, we started investments to be able to deliver Ammonia Water to industrial

clients, which will be used as an efficient alternative reagent for NOx reduction to control emissions in power plants and utilities. At the same time, we began the necessary steps to be an official producer and supplier of AdBlue, the NOx reduction

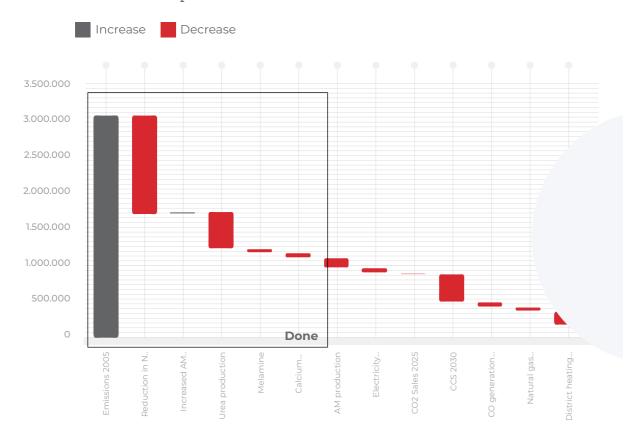
agent which is required in every diesel driven vehicle with a catalytic converter. We expect the project to be completed in the first half of 2022, and the products to be tested and commercialized through the balance of the year.

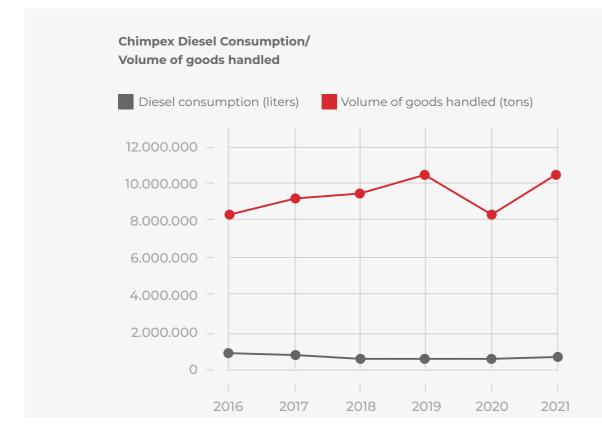


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The following graph shows what we have already done to reduce our emissions and what we need to do in the coming years to become 'net zero'.

#### Towards zero CO, emission









### Energy saving-efficiency projects Azomures

Energy saving & efficiency projects.	Targeted savings	Realized savings	Comments
Implementation of variable speed actuators on the motors of the dedusting fans	7000 MWH/year	7128 MWh/year	Due to the low operation of the plants, the electricity savings were higher than the numbers in the feasibility study. The project received a grant under the Innovation Norway program.
Cleaning the steam coils inside the primary reformer and covering the refractory masonry with ceramic materials.	0,2 GJ/ ton for each ton Ammonia produced		The real benefits of this project will be seen at the restart of the installation.
Modernization of the outdoor lighting system by replacing the classic lighting fixtures with LED lighting fixtures	350 Lighting fixtures	228 MWh/ year	During 2021, the external lighting on the Ammonia 4 was restored and a total of 350 LED fixtures (67Wh) were replaced.
Replacement of non- functional steam traps.	5ton/h steam	5ton/h steam	The non-functional steam traps were replaced resulting in a better steam-use, reduction of steam losses and a better recovery of steam condensate.
Energy recovery plant from excess steam from Ammonia 3 and 4	14000 MWH/year at a load of 20 ton / h steam		The project is in the execution phase, the estimated commissioning deadline is the end of March 2022. In addition to the energy efficiency component, the noise in the vicinity of the ammonia production facilities will be reduced.

Chimpex today compared with 2016 has reduced its fuel consumption drastically. In 2016 they had a consumption of 0.14 liter per ton of handled product. In 2021 Chimpex had a consumption of 0.065 liter per ton of handled products. As in previous years, the

main contribution to this reduction was the program to renew the machine park with more economical and environmentally friendly machines.



	Standard	First Certification	Re- certification	Remarks
AZOMURES	SR EN ISO 9001:2015	1999	2023	2021 Oversight Audit: 1 minor non-compliance and recommendations for improvement
	SR EN ISO 14001:2015	2008	2023	2021 Oversight Audit: recommendations for improvement
AZO	Product Stewardship	2011	2023	2020 Oversight Audit: recommendations for improvement
	SR ISO 45001:2018	2021	2024	First certification-audit 2021: recommendations for improvement
	ISO 9001 (quality)	2008	2021	A re-certification took place in April and May for the
PEX	ISO 14001 (environment)	2008	2021	Integrated Management System with reference to
CHIMPEX	ISO 45001(labor health and safety)	2008	2021	the new standards, ISO 45001:2018, ISO:22000:2018. No nonconformities were
	ISO 22000(HACCP).	2008	2021	reported.
<b>GMP+</b> 2015 2021 Succ	Successful surveillance audit			
	ISO 9001	2019	2022	performed of the Integrated
<u>S</u>	ISO 14001	2019	2022	Management System and
=	ISO 45001	2019	2022	Transition to ISO 45001 –
AMEROPA GRA	ISO 27001 & GDPR	2019	2022	Occupational Health and Safety Management System.
	ISCC	2015	2021	
	REC No. 834/2007 and REC 889/2008 - Organic Products	2020	2023	The organization meet all requirements for trading and export of organic products - unprocessed vegetable products/ Trading, Export.

# People and Organizational Culture

The main achievement in 2021 was the fact that despite the pandemic, Ameropa Romania was able to carry out all its activities and did not have to resort to any temporary or permanent staff reductions. This was due to the flexibility of our staff, to the long-standing efforts at developing a genuine company culture, and at the specific measures taken to contain the pandemic such as training for all staff on all online tools or introducing electronic signature systems.



### Programs and actions

Our HR strategies continued to focus on Recruitment and Internship Programs, Development, Talent Management and Succession Planning, as can be seen from the following table:

	Programs and Actions
Recruitment	<ul> <li>▶ Partnership with universities, vocational high schools, and foundations- to recruit fresh graduates.</li> <li>▶ Collaboration with Job Fairs Organizers - Participation at national level in locally organized Job Fairs.</li> <li>▶ Collaboration with Local Authorities – aiming the social reintegration of unemployed local people.</li> <li>▶ Scholarships and trainings for specific jobs (industry operators and novice engineers, crane operator).</li> </ul>
Internship	► Internship Programs for promoting company mission, values and career path:  - Practical Education Program – developed by Chimpex in partnership with Naval Academy

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	Programs and Actions
Internship	- Architectural Project Contest for Chimpex new gate design – organized in partnership with Civil Construction Faculty/Ovidius University - Education Program – organized by Azomures for the students of Faculty of Chemistry and Chemical Engineering/UBB Cluj Napoca and Azomures
Development	➤ Collaboration with Training Institutes to further develop skills of employees  ➤ Dedicated workshops, trainings, and seminars for all employees or by department to motivate and improve performance of the employees:  - Internal workshop sessions dedicated to Ammonia and Maintenance teams  - Behavioral profile assessment seminar to develop new employee-manager relationship through Predictive Index  - Soft skills online training sessions (motivation, mentoring, delegation, relationships, teamwork, negotiation etc.)  ➤ Online coaching session performed by our leaders and managers  ➤ Professional Knowledge Training Program – specific
Talent Management	training sessions in accordance with job description or development program.  • Emerging Leaders - following company's development strategy, ongoing since 2016  • Agribusiness Scientific Research and Development – collaborating with Universities and Research Institutes is an opportunity for employees to participate in various research programs.  • Leadership Program – based on John Maxwell method to develop leadership skills and improve team working skills  • Maestro training program - developing the leadership skills of team leaders from the Chemical Plants  • Predictive Index sessions for new employees who hold management and specialist positions
Succession Plan	<ul><li>▶ Professional Excellence Program</li><li>▶ Mentoring program</li></ul>

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### Trainings

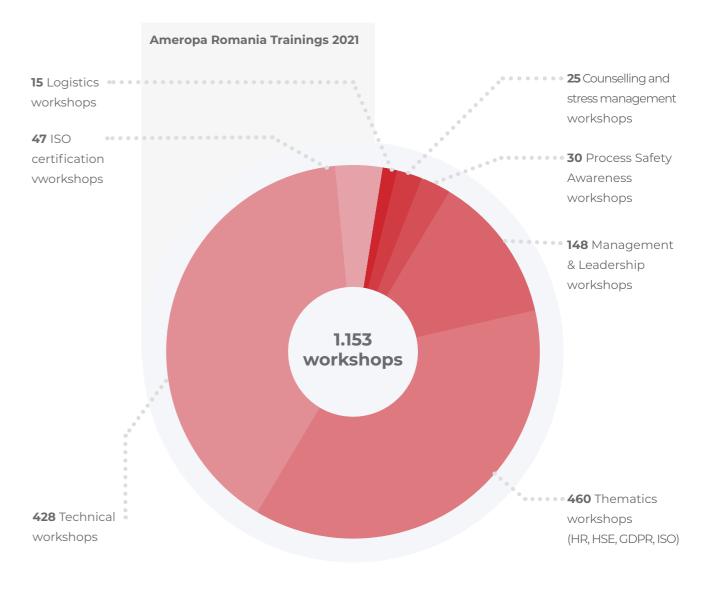
In 2021 our Romanian entities have continued the training sessions for their organizations in order to grow their skills and experience necessary to perform their job in the most efficient and safe way but due to the pandemic, many training and workshops were online.

A successful initiative was the use of our leaders expertise who were invited to share their knowledge

during internal trainings, seminars,

and workshops.





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# Our Involvement in Local Communities and Social Activities

During 2021, we continued our activities to support of the development of the local community in Târgu Mures and Constanta, by organizing events and programs in accordance with their needs, interest or hobbies:

- Education
- Health
- Environment
- Sport

Fields of Activity	Program or Event	Destination	Entity
	Happy Teachers!	National project offering training sessions for primary, secondary, and high school teachers. In 2021, more than 700 teachers from 10 counties in Romania were trained in the program, covering both urban and rural areas	Azomures Chimpex
Education	Happy Grains	National program to educate by promoting the core values of the company, using a story telling aspect (grains process growth seen as children education process)	Ameropa Grains
	Color Run	Sponsorship designed for children in need for social support.	Ameropa Grains
	UBB Cluj Napoca	Equipment sponsorship (flue gas analyzer for industrial applications) to the Faculty of Chemistry and Chemical Engineering	Azomures

Fields of Activity	Program or Event	Destination	Entity
	Blood Donation	Inhouse blood donation organized at Chimpex headquarters in partnership with Constanta Regional Blood Transfusion	Ameropa Grains Chimpex
Health	Hospital Renovation	Renovation-sponsoring of Constanta Infectious Diseases Hospital after the fire on October 2021	Chimpex
	Public Health Authority Support	IT equipment donation to Local Public Health Authority, for better management during the pandemic.	Chimpex
Environment	Together for a Cleaner Country	Campaign organized in Târgu Mureș and Mures County for cleaning the areas affected by plastic pollution and household waste.	Azomures
	Greener Constanta	New trees planted by our employees in Constanta	Ameropa Grains Chimpex
	Ice Hockey	Coaching session for a local Ice Hockey team	Ameropa Grains
Sport	Football	Sponsorship of equipment for 2 football clubs for kids	Ameropa Grains
	Tennis	Sponsorship of LPS Cup Nicolae Rotaru, with two FRT national level tennis competitions	Ameropa Grains



## 2022 Action Plan

	Action	Program
	Development of the e-learning system	To maintain the environmental performance of the fertilizer industry
	Modernization of environmental monitoring systems	Modernization of the wastewater monitoring system discharged from the platform
	Develop a proper culture for Occupational Health and Safety, Emergency Situations and Security.	This means create a visible management commitment, upskilling leaders, digitalization of the Inspections and Audits, stopping Unsafe Practices by developing a "STOP Work" Policy and building trust between all levels of the organization.
AZOMURES	Master Occupational Health and Safety, Emergency Situations and Security risks and taking advantage of opportunities	<ul> <li>▶ LOTO project – continue to implement in other plants</li> <li>▶ Lifeline project – applicable to the railroad wagons</li> <li>▶ Promote near miss reporting within all the companies working on site and closer monitoring of reported unsafe observations</li> <li>▶ Implementation of the actions from the prevention and protection plans, to reduce existing hazards in plant.</li> <li>▶ A risk-based and pro-active health management to be implemented, by providing health related workshops/ campaigns to employees</li> <li>▶ Create technical specifications for the PPE, ensuring a smoother and efficient purchasing process, while ensuring the right level of protection</li> </ul>
	Improve Occupational Health and Safety, Emergency Situations and Security performance of partner companies	➤ Update the current prequalification requirements, by including additional criteria ➤ Develop a system to easily monitor the contractor's H&S performance ➤ Create a system of joint-safety walks with partner companies, at H&S level, but also local management ➤ Perform audits at customers' warehouses ➤ Implementation of additional security risk mitigating actions

	Action	Program
IRES	Improve Occupational Health and Safety, Emergency Situations and Security performance of partner companies	<ul> <li>▶ Improve the existing quality, H&amp;S, emergency situations, security, and environmental protection contract addendum</li> <li>▶ improve the existing H&amp;S management system of different contractors</li> <li>▶ Sharing best practices between partner companies and Azomures.</li> </ul>
AZOMURES	Energy saving-efficiency projects	➤ Ceramic coatings and coil cleaning in the primary reformer at Ammonia 4 ➤ Commissioning of the energy recovery plant from the technological steam from Ammonia 3 and 4 - approx. 14000 MWh / year ➤ Replacement of Ammonium Nitrate 2 and NPK steam traps ➤ Feasibility studies for supply of ammonia gas installation at a pressure of 20-24 bar.
	Improve Safety Training Process	<ul> <li>▶ Performing Permit to Work training with all heads of silos</li> <li>▶ Training regarding usage of life-line system</li> <li>▶ Set up regular safety meetings with main Ameropa Grains contractor's</li> </ul>
SNI	Increasing safety awareness by promoting the "Proposals and Complaints" Program	During inspections/audits, workers will be encouraged to report unsafe actions/conditions
PA GRAINS	Identification and reporting of near misses	People will be trained in defining what a near miss is and how to report them.
	Permanently Emergency preparedness and response	Follow drills in line with program. Drills will be set according with product-type, storage, activity, situations.
CHIMPEX & AMERO	Surveillance of Integrated Management System, included Environment Standard with the new standards ISO 14001:2015 having as a reference	Our strategy for a sustainable environment is based on creating an awareness program for employees
CHIMPE	Technical improvements at silo and warehouse locations.	Improvements will be set up and implemented in line with the results from the visits.
	Reducing CO2 emissions in the atmosphere	<ul> <li>▶ Renew the car fleet by replacing old trucks with newer ones with lower emissions and consumption.</li> <li>▶ Decreasing fuel consumption in line with volume of goods handled.</li> <li>▶ Chimpex has budgeted the purchase of two electrical company cars.</li> </ul>

### AMEROPA

For further information,
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