



2022
Sustainability Report

**One of the leading manufacturers
of high quality corrugated carton**

TABLE OF CONTENTS

	Our Targets.....	2
	Who We Are.....	2
	Our Commitment.....	3
	Our Key Initiatives.....	3
	Summary.....	4
	Net Zero Journey.....	5
	Environment and Sustainability Policy.....	7
	Energy.....	10
	Water.....	12
	Tree Growing.....	14
	Waste.....	15
	Health and Wellbeing.....	16
	Education.....	19
	Awards and Achievements.....	21





Our Targets



2030
Net Zero



2025
40% Energy
consumption reduction



2025
20% Water
consumption reduction



2025
Zero waste to
landfill



80%+
survival of the
trees planted



Who We Are

Allpack Industries Limited is a leading manufacturer of corrugated cartons. It was established in 1992 and over the years, has adapted to the growing and changing needs of the market and is committed to achieving world-class manufacturing standards.

By investing in new modern machinery, Allpack continues to enhance productivity and efficiency in product delivery whilst adhering to international standards.

Our Products

We manufacture durable cartons and packaging bags of all sizes, styles, and shapes. Our packaging products range from fast-moving consumer goods (FMCG) sector cartons, horticulture sector cartons, floriculture cartons, and many other packaging products.



Our Commitment

We have a long-standing commitment to operating in a socially, environmentally, and economically responsible manner, aligning the company's impact with the UN Sustainable Development Goals.

As a future-focused business, we are mindful of the latest climate science that demonstrates the risks that climate change presents to our business, society, and the planet. We are guided by the [AKDN Environment and Climate Commitment Statement](#) which highlights key underlying principles including:

- ◆ Responsible stewardship of the environment;
- ◆ Focusing on improving the quality of life;
- ◆ Demonstrating proactive, socially responsible, and values-oriented leadership
- ◆ Leading by example and sharing our experiences with others

We commit to pursuing efforts to limit global temperature rise to 1.5°C above pre-industrial levels, by achieving Net Zero by 2030. Sustainability is at the core of our operations, and we have adopted innovative initiatives to ensure that we serve our stakeholders sustainably. Our programmes focus on our people, our environment and the communities around us. Being the first local company to be certified by the Forest Stewardship Council, we ensure that all the raw materials come from well-managed sustainable forests.



Our Key Initiatives



Net zero action plan outline developed (21%).



Meet our targets for energy, water and waste.



Plant thousands of trees and ensure 80%+ survival rate of the trees planted.



To maintain and support our peoples' health and wellbeing, through our wellness program.



All machines at PPD and CCD fitted with sub-meters for energy usage monitoring.



All steel lines lagged to reduce energy loss.



Trained boiler attendants and technicians on boiler efficiency



RO membrane changed and reset from 50 % waste; 50 % production to 40% waste; 60 % production.



Summary 2021-2022



7%

Electricity
consumption
efficiency



6%

Solar
utilization
improvement



50%

Water usage
efficiency



99%

Waste recycled



16%

Biomass usage
efficiency



15%

HFO usage
reduction



7%

Scope 1 and 2
emissions
improvement



80%+

Tree Survival





Net Zero Journey

13 CLIMATE ACTION



15 LIFE ON LAND



Our Commitment

The following decarbonisation plan aims to highlight the mitigation actions Allpack Industries Limited, will undertake to further reduce emissions from its own operations, to achieve net zero by 2030.

a) Baseline Assessment

Technical consultants, One Carbon World (OCW), were engaged to assess the baseline Green House Gas (GHG) emissions for Allpack, using 2021 as the base year. This comprehensive assessment covered scope 1, 2 and 3.

Scope 1 & 2 only make up 4% of total GHG emissions (957tCO₂e). Of these emissions, the use of HFO (in the boiler) and Electricity for plant operations are the key sources of emissions. The highest source of emissions from scope 3 (i.e., 24,813 tCO₂e), is from a category known as 'Material Use' – this refers to all the material purchases for processing, particularly the purchase of paper and board products followed by plastics for the PP division.

Target & Implementation plan

To achieve the overall goal for the 1.5' pathway, operational emissions need to be reduced by 42% by 2030. The company drafted its first Net zero outline with emission reduction activities and targets. Some of the activities included efficiency in boiler operation, compressed air systems, lighting systems, chillers and renewable energy (solar and biomass).





Environment and Sustainability policy

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION



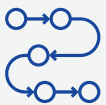
Our Commitment

Allpack Industries Ltd is committed to protecting the environment as part in our operations. We will conduct our business with respect and care for both the local and global environment to sustain our business growth. We will not be satisfied until we succeed in minimising/reducing incidents of environmental harm from our activities. We shall operate a management system in accordance with international standard ISO 14001:2015.

Our Initiatives



Comply with all applicable national and international environmental, safety and health, laws, regulations, by-laws, policies, treaties and national pronouncements governing industries in its sector.



Develop a disciplined environmental, safety and health management process, including strategic programmes to achieve objectives and targets aimed at regulatory compliance, pollution control and encouraging continuous improvement.



Carry out its operations with regard to accidents prevention and maintain appropriate procedures to identify and respond to emergencies.



Prevent, minimize and as far as possible eliminate pollution to the environment by giving priority to intervention at the source while paying particular attention to emissions reductions.



Improve production and process efficiencies through cleaner production technologies and appropriate environmental practices.



Continuously improve operations, through periodic environmental, safety and health audits and introduce corrective feedback loops to implement the results of such audits.



Facilitate regular training programs on issues of environment, safety and health to catalyse awareness on pollution prevention techniques, safety and health standards at the management and supervisory levels and by extension to all other employee levels.



Strive at establishing and maintaining a healthy and safe workplace environment for all employees and ensuring the safety of all those present on its premises.



Operate and maintain processes and plant within acceptable safety standards through preventive maintenance.



Ensure that employees at all levels are aware of their responsibility for the environment, safety and health of themselves and others working with them.





Energy

7 AFFORDABLE AND CLEAN ENERGY



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Our Commitment

Reduce and optimize energy usage across our operations.

Our Initiatives



Energy audits.



Equipment inventories audit.



Scheduled preventive maintenance.



Changing the refrigerant gas being used.



Replacing the V-belts and installation of frequency drive motors.





Water

6 CLEAN WATER AND SANITATION



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Our Commitment

Allpack continuously monitors and improves process efficiencies to use water efficiently.

Our Target

A 20% water usage reduction by 2025.

Our Achievement

We have managed to reduce our water usage by **18%** as of December 2022.

Our Initiatives



Arresting leakages identified along the fire hydrant piping system by re-routing hydrant pipes above the surface.



Repair of malfunctioning washrooms water closet at PPD and CCD.



Fixed water taps nozzles at CCD printing machines.



Awareness training for machine attendants and operators on water conservation techniques.



Analysis of water usage during maintenance for all machines at CCD.



Fixing water tap nozzles at corrugator and printing machines to reduce the amount of water used during planned maintenance and cleaning.





Tree Growing

13 CLIMATE ACTION



15 LIFE ON LAND



Our Commitment

Conserving the environment within the community in which we operate through tree conservation, restoration, and reforestation.

Our Target

80% survival of the trees planted.

Our Achievement

We attained our target for planting **2500** trees.

Our Initiatives

2300 trees planted at Mount Kenya as part of forest restoration program.

250 trees planted in the area in which we operate.



Waste

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



15 LIFE ON LAND



Our Commitment

To reduce the amount of waste going to landfills, through proper disposal techniques including segregation reusing and recycling of waste generated at the factory.

Our Target

Zero waste to landfill.

Our Achievement

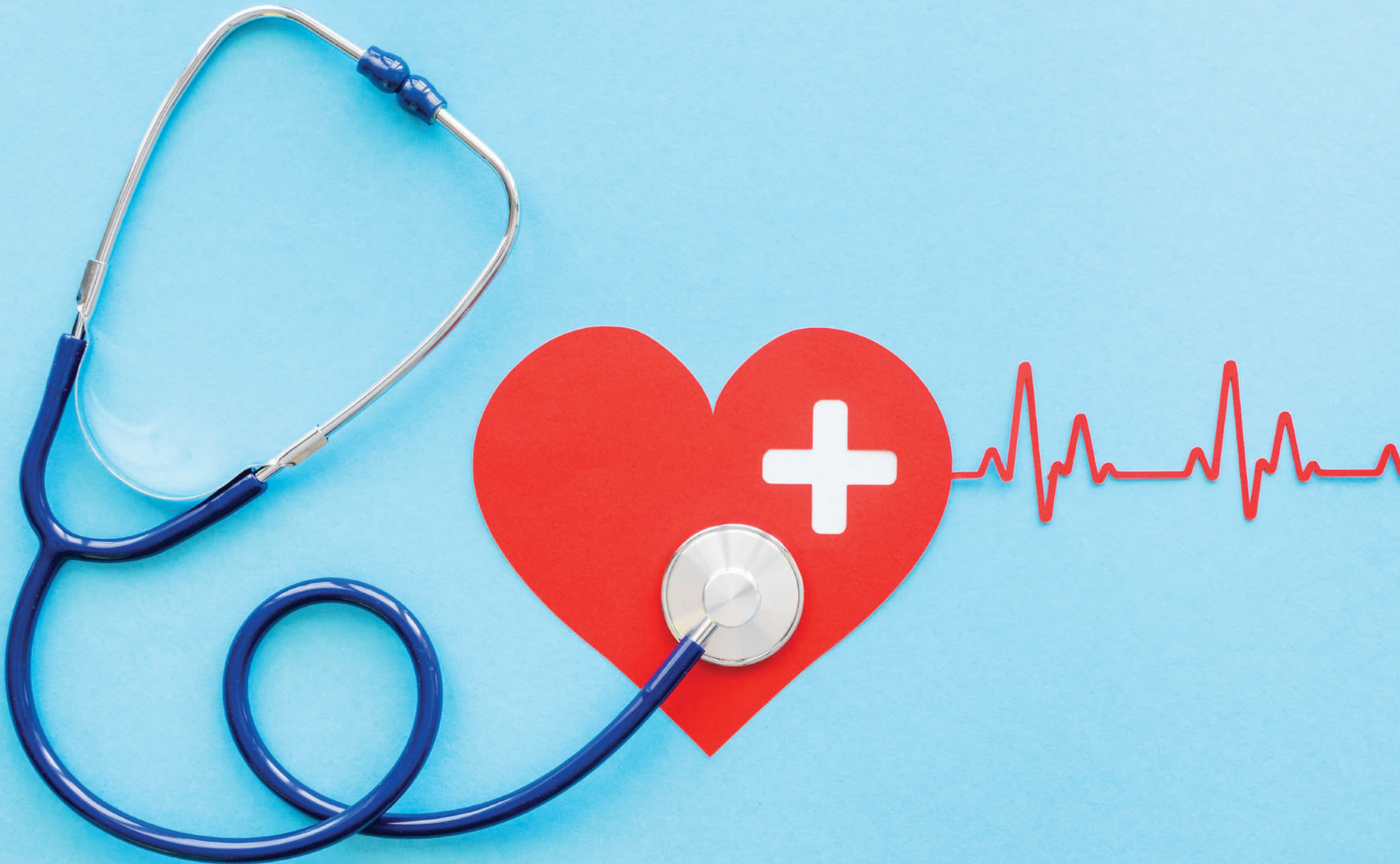
The average percentage of waste recycled was **99.2%** of the total amount of waste generated.

Our Initiatives

Waste segregation.

A waste audit was carried out and the waste streams identified.

Bins for waste segregation at source have been provided and continuous collection and monitoring is done.





Health and Wellbeing

3 GOOD HEALTH AND WELL-BEING

Our Commitment

To maintain and support our employees' health and wellbeing, through our wellness program.



Our Initiatives

Wellness



In June a medical camp was held for Mlolongo Primary and St. Augustine's Secondary Schools in partnership with St Paul's Hospital/the Nairobi West hospital/Shalom hospital/Lapaire glasses/Winnie's pure health/Hencipharm/Damu Afya which benefitted 403 students.



In May, partnering with 4 hospitals and Lapaire Glasses / Winnie's Pure Health / Hencipharm & Damu Afya, a medical camp was held on 27th May for Allpack staff and their families.



In February, the Association of the Physically Disabled Kenya conducted an interactive session on disability awareness, where 238 staff participated.



In June a Tuberculosis and HIV AIDS sensitization was held where 199 employees attended.



In March, Britam Insurance conducted financial wellness sessions for 209 employees, focusing on budgeting, saving and retirement planning.



In July partnering with St. Paul's Hospital, a wellbeing session on healthy living and personal body hygiene was held where 190 employees attended.



In April, partnering with Shalom Hospital, training on First Aid at Home was conducted for employees, where 140 staff participated.



A table tennis board was introduced, by the CSR as a way of staff bonding through sports. Staff can engage during lunch break and it's a platform for other sporting activities.

Our Initiatives

Safety



We champion for zero harm at workplace. Occupational, health and safety are an integral part of our operations.



Improving our safety culture through internal and external training, awareness sessions, risk assessment, safe systems of work and focusing on improving behaviours and conditions.



We actively monitor our safety performance.



We have set up a Safety Committee and Safety pillar that focus on improvement of occupational Health and safety.

Summary of safety performance (TIR) from 2020-2022

Year	TIR Achieved
2020	5
2021	2.9
2022	1.9

We champion for zero harm and incorporate safety as a value through trainings, internal inspections focusing on behaviour based safety and planned gemba walks.





Education

4 QUALITY EDUCATION



5 GENDER EQUALITY



Our Commitment

To empower the future generation through mentorships, trainings, internships, scholarships, and trainee programs.

Our Initiatives



Allpack has a merit need-based scholarship programme that benefits students every year. This year, one of the students completed his KCSE with a mean grade of a B+ (in April 2022).



Through our adopt-a-school Program, a team of 9 staff from Allpack engaged 460 students at St. Augustine, Mlolongo for a motivational talk on drug abuse.



In June, a sensitization session on Tuberculosis was held for form 1 students of St. Augustine Mlolongo Secondary school. 350 students attended.



Partnering with Githunguri Dairies, Allpack sponsored a student from Githunguri to Form 1 for a year.



Allpack continuously provides mentorship to students in schools from the local community.



Allpack has provided students with internship and attachment opportunities.



Awards and Achievements

Energy management Awards

Allpack was the Runner Up for the Thermal Energy Savings Award in the Medium Consumer category.





CONTACT US



+254-722-205512 , 733-601590



+254-20-2014403 , 2015680
+254-20-2044638 , 2099007



info@allpack.co.ke



www.allpack.co.ke



P.O.Box 30500 – 00100 Nairobi, Kenya