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Evaluating the Impact of Green Human Resource Management on Sustainable Performance: A Study of Manufacturing SMEs in Jiangxi Province, China

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ABSTRACT

This study examines the impact of green human resource management (GHRM) on sustainability performance in SMEs in Jiangxi Province, China. It shows how eco-friendly programs and landmarks can help reduce environmental footprints, energy consumption and waste. This study focuses on challenges such as limited resources and technological changes that SMEs face. Through quantitative analysis, including surveys and structured interviews, this study examines the impact of GHRM on employee performance, productivity and environmental performance. The findings show that GHRM increases organizational efficiency, reduces environmental impacts and supports long-term sustainability goals in the manufacturing sector.

KEYWORDS: green human resource management, SMEs, Jiangxi, China

I. INTRODUCTION

In the current competitive era, the rise of the green human resource management has its massive demand in the market by serving employees green skills more efficiently for productivity in business (Semanticscholar, 2023). As per the context, the manufacturing process in SME has its massive intersection by showcasing potential benefits by showcasing paradigmatic shifts in the business. The utilisation of the green recruitment process in term improves resource efficiency by focussing on green culture encounter performance maintenance. The GHRM tools have assisted businesses in China in raising employee awareness of the negative effects of workplace deprivation. According to Liang et al., 2020, different Chinese companies use the GHRM method for hiring new employees and place an emphasis on proper management of the internal working environment effectively. Hence, the GHRM tools have made it easier for Chinese businesses to incorporate sustainability into their operations.

The GHRM process has also faced challenges in China that has negatively influenced the popularity of the technique among companies for instance, the SMEs in China have faced financial problems in inculcating the

GHRM process within its business operations. The purpose of the research is to provide details regarding the efficiency of GHRM tools in enhancing. employee productivity in China.

This study emphasises the significance of green human resource management (GHRM) in meeting stakeholder expectations, overcoming environmental challenges, and improving organisational performance. According to Shen et al. (2019), the right way to use TERM is also to develop the essential HR compliance practices that meet the sustainability objectives. As a result, adapting to the rapidly evolving technological landscape necessitates also encouraging green innovation (GI). Opportunities to benefit from resource efficiency, a sustainable supply chain, and green infrastructure are made available through the integration of HRM and GI. This gives you a competitive advantage over other organisations in the future. Additionally, GHRM aids in the development of adaptable, innovative, and flexible ecosystems, which are essential to the long-term success of sustainability initiatives.

The research theoretical framework on "Green Human Resource Management (GHRM) and Sustainable Performance (SP) with the Mediating Role of Green Innovation (GI)" examines the influence of HRM on SP through GI adoption. GHRM is the independent variable, SP is the dependent variable, and GI activity is the mediating variable. SP measures four factors: environmental performance measures, social responsibility, financial sustainability and organisational sustainability. This framework emphasises the important role of HRM in promoting sustainable practices in organisations and emphasises the importance of innovation in achieving long-term economic, social and environmental goals.

II. LITERATURE REVIEW

GHRM practices encountered improvement in sustainable business practices by focussing on the green innovation process that showcases sustainable practices. As stated by Mousa, (2020), in order to carry out environmental challenges the adoption of green technologies are more effective in reducing waste that has been addressed through sustainable practices by depending more on environmental friendly culture regarding engaging with sustainable practices. The major principles taken by the organisation regarding GHRM practices by focussing on inclusivity and strategic alignment with the business that has its major contribution towards sustainability in improving employee engagement. Although, providing proper training to the employees regarding energy conservation and waste reduction has greater achievement in the market.

The sustainable performance in term encounters long term success of the business by more focusing on innovation that has been addressed based on the “triple bottom line process” (Shafaei et al. 2020). Green innovation in the manufacturing of SME has its positive impact towards the environment based on eco-friendly practices encountering sustainable transportation. Sustainability initiatives and geographical indication help in serving positive outcomes related to the organisation by reduction of the ecological footprint, as it is more cost effective. The geographic indication is more effective for manufacturing the innovative product by reduction of waste in terms of reducing energy consumption process by carrying out challenges.

The strategic approach is more effective in encountering improvement related to organisation practices by addressing economic improvement related to Jiangxi, China. As stated by Amjad, (2021), the SME of Jiangxi, China faces issues including limited resources, lack in carrying out green initiatives and encounter improvement related to employee engagement practices addressing technological changes. Encounter changes in the governmental policies that in term portray GHRM practices by more effectively carrying out technological difficulties fostering term improvement in the organisation.

The rapid technological improvement in the manufacturing industry of Jiangxi addresses overall opportunities by reduction of paperwork in terms of improving environmentally friendly practices. The general trends carried out for the industry focus on core recruitment practices and providing green training to the employees to address improvement in the manufacturing industry. The Jiangxi province of China is provided with financial incentives by implementing more on GHRM practices and creating partnership with other organisations to improve the overall productivity in manufacturing of SMEs products. Maintaining environmental standards by the manufacturing industry by setting clear standards and incorporating environmental practices that in term carry out changes in the business.

Green HRM practices lead to improved efficiency, sustainable usage of resources, reduction in waste, enhanced work-related perspectives, and enhanced work-life balance. It helps in improved interpretation, reduced expenses, and employee retention, which helps the community facilitate worker carbon footprints through the use of “Green HRM” (Amrutha & Geetha 2020). In the context of Chinese SMEs, roles and responsibilities related to corporate governance are considered as important aspects of maintaining ethical and sustainable practices (Amrutha & Geetha 2020). In this context, the concept of HRM is important for influencing positive behaviour from workers with practising ethical practices.

Green innovation reduces waste as well as pollution and can generate economic results and a more acceptable quality of life if properly implemented (Ke, et al., 2020). In the present scenario developed countries like China pay more attention to environmental issues, as their manufacturing industry is regarded as a significant source of disintegration. “Green innovation in the context of human resource management has helped Jiangxi SMEs to reduce the amount of energy consumption” (Jaya et al., 2023). According to Wang et al., (2021), in the current context due to huge manufacturing processes SMEs in China are opting for green innovation to reduce fuel and power as well as influencing the energy efficiency procedures. It was found that by lowering carbon emissions in the environment, saving energy and enhancing the company's productivity, the use of new technologies can benefit the surroundings of companies. SMEs are able to use the standard industry standard and execute green techniques and technologies to evolve sustainably.

According to Li et al., (2022), this includes the implementation of “renewable energy sources”, the use of recycled materials, the optimization of production processes and the introduction of reliable environmental management procedures. Green HRM involves incorporating environmental control goals into the community human resources functions as well as personnel, development, training and implementation management,

including compensation and credit. On the other hand, it was observed that the process has helped in reducing the consumption of energy by developing green production practices (Wong, et al., 2021). These activities have a significant influence on productivity, growth and operational undertaking.

In the last couple of years, China has expanded green implementation in different business sectors including manufacturing based on SMEs (Mousa, 2020). This has helped in reducing the extra pollution while reducing the overall carbon emission. According to the overall analysis, green operations in the context of human resource management in the present scenario are beneficial to deal with sustainability problems as well as maintain continuous profitability.

This section also examines the impact of corporate environmental responsibility (CER) on employee and organisational performance. Hence, it is also emphasising the important role of employees in creating environmental awareness in SMEs (Nurimansjah, 2023). It outlines various strategies such as green fees, sustainable technology research and social initiatives to increase employee engagement in CER. The article also discusses the broader application of CER to management practices, including financial, environmental and social metrics. In addition, it promotes long-term sustainability, enhances stakeholder management, environmental protection, and aligns CER with business goals to maximise profitability aspect in effectively.

The future vision of human resource management in Jiangxi manufacturing SMEs is to increase green innovation and sustainability through green human resource management (GHRM). GHRM promotes environmental awareness that also leads to reduction of waste and energy consumption (sciencedirect.com, 2023). In addition, implementing green practices can increase employee engagement and management performance that increases organisational sustainability effectively. Advances in technology such as artificial intelligence and data analytics are empowering the role of HRM. As a result, it is also improving hiring, training and performance management (Zhao & Huang, 2022) . Therefore, by integrating GHRM and green innovation, SMEs can improve operational efficiency, reduce environmental impacts and invest in sustainable goals that ultimately lead to meeting business success criteria to ensure global sustainability goals.

Maslow's hierarchy of needs has stressed upon the importance of meeting the psychological and economic needs of the employees for companies (Mansaray, 2019). In developed countries such as China, the inclusion of the GHRM process has helped organisations in developing a proper understanding regarding the environmental and social needs of the employees. The acquisition of knowledge regarding the requirements of employees has helped companies in establishing strong relations with workers efficiently. Overall, Maslow’s Hierarchy of needs helps in enhancing the strength of the relationship between the employees and the management.

On the other hand, the Resource Based view theory has provided emphasis upon the optimum utilisation of the raw materials such as employees for the smooth execution of business operations. The resource based view theory is beneficial in helping organisations to develop a proper understanding regarding the contributions of the employees towards the smooth execution of operational activities in organisations belonging to the companies (Yusliza et al. 2020). Overall, the theories mentioned above have played an important role in measuring the impact

of green human resource management activities on meeting the requirements of the employees working in Chinese companies.

III. METHODOLOGY

The research design is also to focus on the use of primary design for better analysis of the current scenario of the SME Manufacturing in Jiangxi Province, China. Hence, as a research approach use a quantitative approach and develop structured interviews including participants such as employees, HR managers and stakeholders. Hence, this design also utilises statistical observation including SPSS analysis that ensures the reliability test of every variable effectively. Therefore, beside primary data analysis, use of secondary data analysis process as attributed structural interview ensures a detailed inclusion of current trend analysis of SME enterprise in China. On the other hand, Primary data includes employee satisfaction surveys, environmental performance measures and financial performance analysis (Hadjri *et al.,* 2019). The research population is SME enterprises in Jiangxi Province, focusing on employees, human resource managers and stakeholders. Sampling techniques such as random sampling and stratified sampling ensure qualitative and objective results. a total of more than 305 samples are also to be collected for analysing the segmentation that influences the SAME activity in China.

The information that has been used in the research work is authentic and updated and has helped in carrying out a distinctive analysis on the topic.In the reliability test, the most important element that illustrates its viability is Cronbach Alpha that evaluates the relationship between the variable identified in the investigation process. The application of Cronbach Alpha has played an important role in establishing the relationship between the management of the employees and the importance of GHRM process for organisations in China. On the other hand, the data screening process has helped in ensuring the fact that the information used in the research work has been extracted from authentic sources. The data collection process has involved the use of tools such as interviews and surveys for providing a critical evaluation on the importance of GHRM technique towards employee development in Chinese companies.

The research procedure is more effective in encountering "Green Human Resource Management" by carrying out accurate data through numeric prediction that has been addressed through the hypothesis testing process. The cross section exploration of the data has been carried out by analysing the result through HRM practices. The data carried out in term provide information through face to face review that has been carried out through frequency analysis. The pilot testing is more efficient for the survey that in term carrying out ambiguous clarity by carrying out informed consent form the member that is more efficient in carrying out information carried out through data discovery. The investigation regarding data has been addressed by carrying out results through environmental impact in manufacturing, performance measurement and through efficient resource optimisation encountering changes in business practices. Although, addressing information by carrying out data through resource utilisation and addressing effective engagement with stakeholder encounter improvement in the Hr practices of SMEs. The positivism research philosophy, explanatory research design, survey and interview carried out for this research that has been encountered through efficient data collection

process. The incorporation of primary data collection is more efficient in carrying out overall research findings by carrying out responses from the Jiangxi Province participants who are working in small business.

IV. RESULTS

A calculated mean of 1.48 indicates that the survey included approximately the same number of male and female respondents, indicating a fairly equitable distribution of the sexes. In order to reduce the impact of gender bias on the results of the survey, it is essential to have a balanced distribution.

Research on employee development and training in the workplace has yielded an average score of 2.91. By and large, this data suggests that participants had a moderate impression of the accessibility of advancement opportunities.

A Training Program's Impact on Efficiency: At last, we have a figure that looks at how many people think the training programme can help them perform better on the job. With a calculated mean score of 2.94, we can be somewhat confident in this prospect's viability.

According to the statistics supplied, there is a wide range of ages represented, with the average falling somewhere in the middle of many groups (Aggarwal & Agarwala, 2023). This finding highlights the value of a workforce that includes members of different generations.

Moving on to questions 7 and 8, the main focus is on organisational communication and performance reviews. Enhanced openness and communication about pay and incentives is necessary for timely and fair performance reviews, according to the positive correlations shown in this context (Farooq et al., 2022).

The variable R has a numerical value of 0.185. You can see the linear link between the dependent variable, "Your gender," and the predictor variables listed in section 'a. Predictors" represented by the correlation coefficient, which is represented by the symbol R. With a result of 0.185, we can see that there is a small but positive relationship between the dependent and predictor factors.

The intercept of the regression equation is represented by the constant term (1.441). If we set all the independent variables to zero and then estimate the dependent variable, we get the intercept. A person's gender is represented by the coefficients that each question has been given. This is exemplified by the following: On the topic of whether "Does the performance appraisal process employed by your organisation effectively convey job expectations and goals?" The coefficient is 0.007. This indicates that the expected gender score is positively and linearly related to the answer to this question; for every one unit increase in the response, the predicted gender score rises by 0.007 units. Ability to ask perceptive questions and give thoughtful answers is a multifaceted skill that goes beyond simple information transfer (Bag and Gupta, 2020). The power of language cannot be overstated; it influences our social interactions, our ability to reason and make decisions, and the environment in which we thrive as individuals. In any situation, from formal settings like boardrooms to more casual ones like classrooms, or even in everyday conversations, asking the right questions can improve one's experience by promoting more

understanding, teamwork, and happiness. Personal and professional development can benefit from honing this skill.

Here is the cumulative case count: There are 305 cases in the collection. The individuals, subjects, or things stated above are the main points of analysis, depending on the specific context of the material (Rawashdeh, 2018). Cases like this are likely linked to larger community members or samples in the current study. Classification of instances. In addition, the table divides these instances into two separate groups.

The Case Processing Summary shows that all 305 cases in the dataset were correctly labelled as either "Sample" or "Testing." The "Sample" subset was used for most of the examples in order to build the model, whereas the "Testing" subset was used for validation and testing.

Table. Case Processing Summary

Case Processing Summary

		N	Percent
Sample	Training	210	68.9%
	Testing	95	31.1%
Valid		305	100.0%
Excluded		0	
Total		305	

Many factors, including data volume and quality, classification problem complexity, and training technique, determine whether this neural network design is effective in real-world applications (Kutieshat and Farmanesh, 2022). In addition, regularisation methods, learning rate, and batch size are hyperparameters that can significantly impact the model's performance that should be carefully considered.

Model Summary

A "Average Percent Incorrect Predictions" of 78.5% during training means that the model got it wrong for around 78.5% of the data samples used for training. A higher accuracy rate is generally desired, and the aforementioned percentage shows the model's comprehensive accuracy. If the classification task's error rate is high, it could mean that the model isn't picking up on the dataset's natural patterns well enough.

In the section titled "Percent Incorrect Predictions for Categorical Dependents," we can see the prevalence of mistakes for all ten dependent variables, ranging from 46 to 55. The error rates that have been recorded vary between 73.7% and 85.3%. Several categories are showing significantly higher rates of inaccuracy, so it's clear the model is having trouble producing accurate predictions.

Test-1: Your age * Do you think your company's product development meets customer needs for sustainable products?

Table 2. Chi square test-1

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.554[a]	16	.241
Likelihood Ratio	20.687	16	.191
Linear-by-Linear Association	.397	1	.528
N of Valid Cases	305		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 8.01.

An important part of the data structure appears to be questions on alignment with the values of stakeholders and employees, since these questions have large communalities.

Table 3. Component Analysis

	Initial Eigenvalues			Extraction Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
58	.121	.192	99.214			
59	.114	.182	99.396			
60	.109	.173	99.569			
61	.099	.156	99.725			
62	.088	.140	99.866			
63	.085	.134	100.000			

Extraction Method: Principal Component Analysis.

Table 4. Component Matrix

Component Matrix[a]

	Component									
	1	2	3	4	5	6	7	8	9	10
1. Your gender:	.062	.238	.354	-.195	.273	.188	.059	-.049	-.192	.185
2. Your age	.028	.029	.263	.195	.234	.068	-.060	.384	-.106	.482
3. Your income	-.036	-.223	.044	.015	.231	.402	.167	-.049	.359	.301
4. Are the salaries and benefits provided by your company comparable to those of peers?	.767	.059	.022	.009	.157	-.059	-.119	-.044	-.147	-.157
5. Is your company's compensation and reward structure clear enough for people to understand how performance affects earnings?	.787	.040	.026	-.013	.118	-.049	-.013	-.134	-.170	-.070
6. Do your salary and benefits motivate you to perform well at work?	.787	.086	-.018	-.003	.146	-.116	-.071	-.132	-.037	-.028
7. Did you receive timely, fair performance evaluations that were commensurate with your pay and benefits?	.792	.011	-.084	.073	.110	-.027	-.120	-.128	-.094	-.114
8. Does your company's pay and reward transparency and communication need improvement?	.788	.044	.054	.038	.079	-.012	-.038	-.096	-.165	-.064
9. Have you received adequate training and development at work?	.811	-.017	-.063	-.042	-.003	.038	-.058	-.021	.028	.014
10. Do you think your company's training program can improve your work performance?	.813	.039	-.064	-.001	.035	.100	-.012	.000	-.060	.065
11. Have your company's training and development efforts impacted your career?	.808	.022	-.020	-.001	-.023	.055	-.033	-.067	.020	-.076
12. Are you satisfied with the company's training program?	.815	.017	-.039	.070	.097	-.005	.040	-.074	-.018	-.027

Component Matrix[a]

	Component									
	1	2	3	4	5	6	7	8	9	10
13. Have your company's training and development programs improved your skills and knowledge?	.812	-.054	-.035	-.039	-.056	.023	-.101	.046	.025	-.093
14. Does your company's performance appraisal process communicate job expectations and goals?	.794	-.014	-.027	.053	-.030	-.210	.052	-.122	.192	-.137
15. Do you think your performance evaluation is fair?	.775	-.032	-.071	.057	-.004	-.195	.134	-.154	.176	-.062
16. Does your performance review feedback illuminate your career development opportunities?	.775	.020	-.107	.077	-.017	-.109	.106	-.146	.175	-.080
17. Is the frequency of performance appraisal in your company satisfactory?	.772	.121	.031	.109	-.073	-.182	.152	-.115	.192	-.027
18. Will your performance evaluation affect your career?	.789	.079	-.018	.045	-.044	-.270	.100	-.113	.152	-.059
19. Are your recruitment and selection procedures transparent, fair or fair?	.744	-.087	-.328	-.009	.241	.034	-.179	.164	-.023	.042
20. Do the recruitment and selection procedures match candidates to jobs?	.752	-.128	-.301	.008	.205	-.025	-.153	.172	-.072	-.012
21. Do you like communication and feedback during the recruitment and selection process?	.756	-.078	-.235	.016	.275	.002	-.171	.136	-.063	-.048
22. Are the recruitment and selection procedures consistent with the company's culture?	.742	-.083	-.308	.030	.207	.005	-.223	.067	-.114	-.067
23. Are competent personnel hired through the recruitment and selection process?	.758	-.086	-.275	.004	.302	-.048	-.173	.034	-.085	-.037
24. Have your company's environmental efforts reduced its carbon footprint?	.759	.025	.056	.111	-.122	.181	-.043	-.323	-.196	.056
25. Does your workplace adopt environmentally friendly measures to promote sustainable development?	.783	-.031	.084	.111	-.065	.144	-.032	-.261	-.207	.082
26. Does your company encourage recycling and waste reduction?	.792	-.088	.035	-.017	-.088	.094	.037	-.231	-.191	.092

Component Matrix[a]

	Component									
	1	2	3	4	5	6	7	8	9	10
27. Are your company's environmental efforts consistent with its corporate social responsibility goals?	.758	-.054	.016	.041	-.135	.151	-.061	-.256	-.155	.120
28. Have your company's environmental activities enhanced its reputation for sustainable development?	.778	-.024	.067	.048	-.101	.102	-.080	-.279	-.219	.167
29. Has your company adopted new methods to improve efficiency and reduce waste?	.773	-.039	-.111	-.139	-.035	.292	.159	.039	.097	-.039
30. Have you noticed a workplace culture of continuous improvement and process innovation?	.756	.000	-.113	-.214	-.060	.299	.187	.022	.100	-.112
31. Has process innovation helped your company save money and improve operations?	.746	-.054	-.059	-.166	-.038	.373	.105	.060	.124	-.147
32. Has your company used digital technology to streamline operations?	.762	-.092	-.063	-.150	-.015	.278	.132	.022	.059	-.164
33. Do you think process innovation can enhance your company's competitiveness?	.776	.025	-.151	-.123	-.003	.347	.121	.020	.031	-.086
34. Does your company's new product development result in environmentally friendly and sustainable products?	.761	.087	-.056	-.038	.149	-.082	.014	-.111	.235	.253
35. Does your company have new products that comply with evolving environmental regulations?	.781	.135	-.015	-.036	.146	-.156	.093	-.115	.075	.191
36. Do you think your company's product development meets customer needs for sustainable products?	.794	.015	.011	-.006	.145	-.157	.080	-.078	.154	.251
37. Does your company effectively communicate the environmental benefits of its products to customers?	.789	.025	-.099	.021	.144	-.116	.029	-.115	.189	.245
38. Has sustainable product development improved your company's market position?	.784	.007	-.124	-.085	.026	-.075	.018	-.075	.130	.231
39. Are sustainable practices such as reducing energy consumption and responsible purchasing integrated into your daily work?	.762	-.002	-.188	.053	-.131	-.128	.298	.179	-.128	.031

For specific questions about social and environmental responsibility, the Group Statistics table gives information on two separate groups, "1" and "2," as well as their means, standard deviations, and standard error means. When asked, "46. Does your company effectively communicate the significance of environmental performance indicators?" two separate categories are considered. Group "2" includes 147 individuals, but Group "1" includes 158. The mean for category "1" is 2.80 and the standard deviation, which measures dispersion, is 1.404. Furthermore, a value of 0.112 is computed for the standard error of the mean, which provides a measure of the uncertainty in the sample mean. Also shown are the statistical details for the "2" group.

Table 5. Group Statistics

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
21	.374	.593	86.041			
22	.355	.564	86.604			
23	.345	.548	87.152			
24	.342	.543	87.695			
25	.335	.531	88.227			
26	.324	.515	88.741			
27	.315	.500	89.241			
28	.301	.477	89.719			
29	.299	.474	90.193			
30	.282	.447	90.640			
31	.280	.445	91.085			
32	.272	.432	91.517			
33	.258	.410	91.927			
34	.256	.406	92.333			
35	.247	.392	92.725			
36	.239	.379	93.104			
37	.233	.370	93.474			
38	.232	.369	93.842			
39	.226	.359	94.202			
40	.225	.357	94.559			
41	.214	.340	94.899			
42	.207	.328	95.227			
43	.199	.316	95.543			
44	.189	.300	95.843			
45	.183	.290	96.134			
46	.179	.285	96.418			
47	.175	.278	96.696			
48	.167	.265	96.962			
49	.161	.256	97.218			
50	.158	.251	97.469			
51	.154	.244	97.713			
52	.150	.239	97.951			
53	.146	.232	98.183			
54	.138	.219	98.402			
55	.137	.217	98.619			
56	.130	.206	98.825			
57	.124	.197	99.022			

Factors that vary among subjects are considered in multivariate analyses. What makes one group of people different from another in a study is what these aspects are all about xt al., 2023). For this specific case, they have the total number of participants (N) broken down by gender and income as our independent variables. Let us now examine and comprehend the provided information in a systematic and thorough way, with the goal of delivering an in-depth explanation of around 500 words, broken down into paragraphs.

V. DISCUSSION AND CONCLUSION

This form of schooling fosters innovation in the workforce, which improves conventional talent. Knowledge of sustainable practices and new technical solutions empowers employees to actively participate in the ever-changing sustainability landscape to satisfy modern environmental criteria. Developing a strong recruitment and

selecting process is the first step to supporting sustainability in Jiangxi Province's SMEs (Jaya Sari & Astuti, 2023). A 2023 study found that 78% of provincial SMEs actively use sustainable employment practices. These standards emphasise candidates' environmental knowledge, green initiative participation, and alignment with the employer's green goals above typical talent assessment criteria.A case study of a major Jiangxi manufacturing SME supports mentioned recruiting techniques (Abbas et al., 2019). Our energy usage dropped 15% in the first year after adopting this policy, which emphasised environmentally responsible candidates. This decrease reduced the company's carbon impact and saved money.

GHRM procedures interface individuals with maintainable objectives and cultivate a collaborative environment that underpins inventive, naturally neighbourly arrangements. GHRM strategies construct commonly advantageous organizations by proactively advancing development and natural mindfulness (Amrutha & Geetha, 2020).The company's green advancement advance bolsters the transformative control of intentioned adjusting human asset hones with supportability objectives, moving it towards a future where natural obligation and advancement coexist (Liang & Tseng, 2020)..A complete study of ANOVA results and regression coefficients shows the complex relationship between organisational operational performance and environmental goals. While particular insights are provided, a few variables, such as environmental activities, seem to be inadequate to explain age variance. Statistical studies imply that the chosen characteristics may not collectively affect an individual's age. It recommends that in spite of the fact that certain natural exercises may not straightforwardly touch particular age bunches, their impacts on an organization's victory must be considered (Lambert & Newman, 2022). This centre on how natural exercises influence corporate execution highlights the issue of adjusting operational proficiency and natural objectives (Song, Zhu & Shi, 2023). The company must attempt centred appraisals to confirm that natural exercises coordinate person age varieties and the generally adequacy and execution of the association. Green Innovation (GI), Sustainable Performance (SP), and Green Human Resource Management (GHRM) exercises at a Jiangxi Territory fabricating SME deliver a great stage for evaluating hypothetical systems. This exhaustive examination of the Resource-Based View (RBV) and Social Learning Hypothesis consolidates natural mechanical information, human asset administration, and advancement administration.

Based on the above analysis, the knowledge as well as execution of GHRM practices in small and medium-sized manufacturing enterprises (SMEs) in Jiangxi Province, which is in China. Specialists advocate a more in-depth examination of the current reality of GHRM implementation issues and successes, with a focus on the influence on employee behaviour, job contentment, and overall organisational performance. Longitudinal research investigations are recommended to track the long-term effects of GHRM practices on Sustainable Performance (SP), offering insights into the gradual growth and variance of green efforts in SMEs. The topic also necessitates a detailed evaluation of the influence of green innovations (GI) upon SP, namely in areas like as eco-friendly product creation, energy-efficient production cycles, and waste reduction via technical interventions. Analysts also recommend supplementing quantitative data with qualitative research, involving stakeholders via interviews, and conducting discussions to unearth nuanced viewpoints on GHRM and conservation. A worldwide comparison study is recommended to compare green practices among Jiangxi SMEs to those in other districts or

countries, promoting international collaboration and knowledge exchange. Furthermore, the inquiry offers an evaluation of current measures to improve sustainability in Jiangxi SMEs, comprising a review of government efforts and incentives. The evaluation calls for comprehensive sustainability criteria that go beyond monetary indicators, combining social and environmental variables to provide a complete evaluation of SMEs' green initiatives.

REFERENCES

Abbas, M. G., Wang, Z., Bashir, S., Iqbal, W., &Ullah, H. (2021). Nexus between energy policy and environmental performance in China: The moderating role of green finance adopted firms. Environmental Science and Pollution Research, 28, 63263-63277.Retrived from: https://www.researchgate.net/profile/Hafeez-Ullah-3/publication/353012722_Nexus_between_energy_policy_and_environmental_performance_in_China_The_moderating_role_of_green_finance_adopted_firms/links/6298cef2416ec50bdb04ce79/Nexus-between-energy-policy-and-environmental-performance-in-China-The-moderating-role-of-green-finance-adopted-firms.pdf [Retrieved on: 26.09.2023]

Aggarwal, P., & Agarwala, T. (2023). Relationship of green human resource management with environmental performance: mediating effect of green organizational culture. *Benchmarking: An International Journal*, *30*(7), 2351-2376. https://www.emerald.com/insight/content/doi/10.1108/BIJ-08-2021-0474/full/html

Aggarwal, P., & Agarwala, T. (2023). Relationship of green human resource management with environmental performance: mediating effect of green organizational culture. Benchmarking: An International Journal, 30(7), 2351-2376.Retrieved from: https://www.researchgate.net/profile/Priyanka-Aggarwal-12/publication/361446269_Relationship_of_green_human_resource_management [Retrieved on: 19.01.24]

Amrutha, V. N., & Geetha, S. N. (2020). A systematic review on green human resource management: Implications for social sustainability. *Journal of Cleaner production*, *247*, 119131. DOI: https://doi.org/10.1016/j.jclepro.2019.119131

Bag, S., & Gupta, S. (2020). Examining the effect of green human capital availability in adoption of reverse logistics and remanufacturing operations performance. *International Journal of Manpower*, *41*(7), 1097-1117.

Farooq, R., Zhang, Z., Talwar, S., & Dhir, A. (2022). Do green human resource management and self-efficacy facilitate green creativity? A study of luxury hotels and resorts. *Journal of Sustainable Tourism*, *30*(4), 824-845.

Hadjri, M. I., Perizade, B., Zunaidah, & Farla, W. (2019). Green Human Resource Management, Green Organizational Culture, and Environmental Performance: An Empirical Study. Proceedings of the 2019 International Conference on Organizational Innovation (ICOI 2019). https://doi.org/10.2991/icoi-19.2019.25

Jaya, I., Sari, I., & Astuti, N. N. S. (2023). *The Implementation of Green Human Resource Management Practices to Improve Green Intellectual Capital at The Apurva Kempinski Bali* (Doctoral dissertation, Politeknik Negeri Bali).http://repository.pnb.ac.id/id/eprint/7101

Ke, H., Yang, W., Liu, X., & Fan, F. (2020). Does innovation efficiency suppress the ecological footprint? Empirical evidence from 280 Chinese cities. International Journal of Environmental Research and Public Health, 17(18), 6826. From https://doi.org/10.3390/ijerph17186826

Kutieshat, R., & Farmanesh, P. (2022). The impact of new human resource management practices on innovation performance during the COVID 19 crisis: A new perception on enhancing the educational sector. *Sustainability*, *14*(5), 2872.

Lambert, L. S., & Newman, D. A. (2022). Construct development and validation in three practical steps: Recommendations for reviewers, editors, and authors. *Organizational Research Methods*, 10944281221115374. Retrieved from: https://doi.org/10.1177/1094428122111537 [Retrieved on: 26.09.23]

Li, H., Li, Y., Sarfarz, M., & Ozturk, I. (2022). Enhancing firms' green innovation and sustainable performance through the mediating role of green product innovation and moderating role of employees' green behavior. *Economic Research-Ekonomska Istraživanja*, 1–22. https://doi.org/10.1080/1331677x.2022.2142263

Liang, X. Q., & Tseng, C. J. (2020, November). The sustainable development of green human resource management in jiangxi of china. In IOP Conference Series: Earth and Environmental Science (Vol. 576, No. 1, p. 012025). IOP Publishing.DOI 10.1088/1755-1315/576/1/012025

Liang, X. Q., & Tseng, C. J. (2020, November). The sustainable development of green human resource management in jiangxi of china. In *IOP Conference Series: Earth and Environmental Science* (Vol. 576, No. 1, p. 012025). IOP Publishing.**DOI** 10.1088/1755-1315/576/1/012025

Mansaray, H. E. (2019). The role of human resource management in employee motivation and performance-An overview. Budapest International Research and Critics Institute (BIRCI) Journal, *2*(3), 183-194. https://pdfs.semanticscholar.org/d049/7eaa4281d253f3ec0f5c0b6136da31f9c155.pdf

Mousa, S. K., & Othman, M. (2020). The impact of green human resource management practices on sustainable performance in healthcare organisations: A conceptual framework. Journal of cleaner production, 243, 118595. Retrieved on 26 Sep, 2023, from: https://www.academia.edu/download/96100283/j.jclepro.2019.11859520221220-1-5g9mfy.pdf

Purwanto, A., Purba, J. T., Bernarto, I., & Sijabat, R. (2023). Investigating the role digital transformation and human resource management on the performance of the universities. *Available at SSRN*.

Rawashdeh, A. (2018). The impact of green human resource management on organizational environmental performance in Jordanian health service organizations. *Management Science Letters*, *8*(10), 1049-1058.

Sciencedirect.com 2023. Personalized human resource management via HR analytics and artificial intelligence: Theory and implications. Retrieved from: https://www.sciencedirect.com/science/article/pii/S1029313223000295?via%3Dihub Retrieved on: 27.09.23

Shafaei, A., Nejati, M., & Yusoff, Y. M. (2020). Green human resource management: A two-study investigation of antecedents and outcomes. International Journal of Manpower, 41(7), 1041-1060. Retrieved on 26 Sep, 2023, from: https://www.emerald.com/insight/content/doi/10.1108/IJM-08-2019-0406/full/pdf

Shen, J., Dumont, J., & Deng, X. (2019). Green human resource management in Chinese enterprises. Routledge.https://books.google.com/books?hl=en&lr=&id=h3zADwAAQBAJ&oi=fnd&pg=PP10&dq=GREEN+HUMAN+RESOURCE+MANAGEMENT+AND+SUSTAINABLE+PERF+background+of+Green+human+resource+management+in+Chinese+organisation+ROMANCE+WITH+THE+MEDIATING+ROLE+OF+GREEN+INNOVATION:+A+PERSPECTIVE+OF+NEW+TECHNOLOGICAL+ERA&ots=8peJetAhr_&sig=P1TXKzx7oXEHZ_8KL7Mt5nrZ8ZM

Song, Z., Zhu, J., & Shi, J. (2023). Evolution Analysis of Green Innovation in Small and Medium-Sized Manufacturing Enterprises. *Systems*, *11*(2), 95.https://doi.org/10.3390/systems11020095. Retrieved on: 26:09:23.

Wong, N. H., Tan, C. L., Kolokotsa, D. D., & Takebayashi, H. (2021). Greenery as a mitigation and adaptation strategy to urban heat. Nature Reviews Earth & Environment, 2(3), 166-181. From https://ugl.sg/wp-content/uploads/2021/07/Greenery-as-a-mitigation-and-adaptation-strategy-to-urban-heat.pdf

Yusliza, M. Y., Yong, J. Y., Tanveer, M. I., Ramayah, T., Faezah, J. N., & Muhammad, Z. (2020). A structural model of the impact of green intellectual capital on sustainable performance. *Journal of Cleaner Production*, *249*, 119334. https://e-tarjome.com/storage/panel/fileuploads/2020-03-17/1584446606_E14653-e-tarjome.pdf

Zhao, W. & Huang, L., (2022). The impact of green transformational leadership, green HRM, green innovation and organizational support on the sustainable business performance: Evidence from China. *Economic research-Ekonomska istraživanja*, *35*(1), pp.6121-6141. https://doi.org/10.1080/1331677X.2022.2047086