

Chapter 5

Summary, conclusion and recommendations

Chioma Ann Udeh

Department of business administration, Ahmadu bello university business school, Ahmadu bello university, zaria, Nigeria

5.1 Summary

The research on customer engagement techniques in green spare parts initiatives explores the growing role of customer engagement techniques in promoting the use of green spare parts. Chapter 1 introduces the study, outlining the background, research objectives, and significance of customer engagement techniques in promoting the use of green spare parts. Chapter 2 presents a comprehensive literature review, focusing on the theoretical and empirical perspectives on customer engagement techniques in green spare parts. Chapter 3 details the research methodology, including the study design, sampling techniques, and data analysis methods employed to assess customer engagement techniques in green spare parts. Chapter 4 presents the findings, showing that customer engagement techniques are a positive and significant predictor in promoting the use of green spare parts. The results highlight the critical role of customer engagement techniques in promoting the use of green spare parts.

5.2 Conclusions

The findings of this study demonstrate that various customer engagement techniques play a pivotal role in promoting environmentally sustainable spare parts initiatives. Personalised communication, loyalty programmes, eco-friendly product incentives, and digital engagement platforms are all positive and significant predictors of the promotion of green spare parts. These techniques enhance customer awareness, foster long-term relationships, and incentivise eco-conscious behaviour, ultimately driving the adoption of sustainable products. Therefore, businesses seeking to promote green initiatives in the spare parts industry should prioritise these customer engagement strategies to achieve greater environmental sustainability and customer loyalty.

5.3 Recommendations

Based on the findings of this research, several customer engagement techniques have been identified as positive and significant predictors of the promotion of environmentally sustainable spare parts. The following recommendations are provided to enhance customer engagement in green spare parts initiatives:

Enhancing Personalised Communication

Organisations should invest in personalised communication strategies to engage customers effectively in promoting environmentally sustainable spare parts. Personalised communication, tailored to individual customer preferences and behaviours, fosters a stronger emotional connection, making customers more likely to support green initiatives. Techniques such as targeted email campaigns, tailored product recommendations, and customer-specific sustainability information should be employed to increase the promotion of eco-friendly spare parts.

Implementing Robust Loyalty Programmes

Loyalty programmes should be developed or improved to reward customers for purchasing or supporting environmentally sustainable spare parts. By offering rewards such as discounts, exclusive offers, or sustainability points redeemable for eco-friendly products, organisations can foster long-term engagement. These programmes should emphasise sustainability and reward customers for making greener choices, thus reinforcing the importance of environmentally friendly practices.

Introducing Eco-Friendly Product Incentives

Offering incentives for eco-friendly spare parts is crucial in encouraging customer participation in green initiatives. Organisations should provide attractive incentives such as discounts, rebates, or trade-in offers for customers who choose environmentally sustainable spare parts over traditional options. These incentives can significantly motivate customers to shift towards greener products, increasing their involvement in sustainability practices.

Leveraging Digital Engagement Platforms

Organisations should utilise digital platforms to engage with customers effectively and promote green spare parts initiatives. Digital platforms, including social media, mobile apps, and online forums, offer an interactive space for customers to learn about the environmental benefits of sustainable spare parts. Additionally, these platforms can provide educational content, eco-friendly product updates, and a forum for customers to share their experiences and advocate for sustainability. Investment in user-friendly and engaging digital tools will enhance customer interaction and promote the adoption of green spare parts.

5.4 Suggestions for Further Studies

Future research could explore the long-term impact of personalised communication on customer retention and advocacy in green spare parts initiatives. While this study highlights the positive and significant role of personalised communication in promoting environmentally sustainable spare parts, further studies could examine how different customer segments respond to various forms of personalised messages, such as email campaigns, social media engagement, and targeted advertisements. Additionally, future studies could investigate the optimal frequency and content of communication that maximises customer engagement without leading to information fatigue. Further studies could also assess the effectiveness of loyalty programmes in promoting eco-friendly spare parts across different industries. Although this research confirms that loyalty programmes significantly influence the promotion of green spare parts, a comparative analysis of loyalty programmes in industries beyond automotive and manufacturing could provide insights into whether such programmes are equally effective across sectors. Moreover, future research could explore how loyalty programmes could be designed to foster long-term behavioural changes towards sustainability, such as encouraging repeat purchases and recommending green products to peers. Finally, research could be expanded to analyse the role of digital engagement platforms and eco-friendly product incentives in encouraging customer participation in green initiatives. This study confirms the significance of these two techniques in promoting environmentally sustainable spare parts, but future studies could examine how specific platforms such as mobile apps, online forums, or virtual reality experiences enhance customer education and involvement in sustainability practices. Additionally, the interaction between eco-friendly product incentives and customer perceptions of value could be further investigated to determine the most effective incentive structures that drive both initial engagement and sustained commitment to green

References

- Ababneh, O. M. A. (2021). How do green HRM practices affect employees' green behaviors? The role of employee engagement and personality attributes. *Journal of Environmental Planning and Management*, 64(7), 1204-1226.
- Adelakun, B.O., Nembe, J.K., Oguejiofor, B.B., Akpuokwe, C.U. and Bakare, S.S., 2024. Legal frameworks and tax compliance in the digital economy: a finance perspective. *Engineering Science & Technology Journal*, 5(3), pp.844-853.
- Ageas. (2023). Green parts programme: Helping to reduce the environmental impact of car repairs. Ageas.
- Al-Awamleh, H., Alhalalmeh, M., Alatyat, Z., Saraireh, S., Akour, I., Alneimat, S., ... & Al-Hawary, S. (2022). The effect of green supply chain on sustainability: Evidence from the pharmaceutical industry. *Uncertain Supply Chain Management*, 10(4), 1261-1270.
- Alonso-Almeida, M. D. M., Rodríguez-Antón, J. M., Bagur-Femenías, L., & Perramon, J. (2020). Sustainable development and circular economy: The role of institutional promotion on circular consumption and market competitiveness from a multistakeholder engagement approach. *Business Strategy and the Environment*, 29(6), 2803-2814.
- Behl, A., Sampat, B., Gaur, J., Pereira, V., Laker, B., Shankar, A., ... & Roohanifar, M. (2024). Can gamification help green supply chain management firms achieve sustainable results in servitized ecosystem? An empirical investigation. *Technovation*, 129, 102915.
- Bravo, R., Martínez, E., & Pérez, J. (2019). Effects of customer perceptions in multichannel retail banking. *The International Journal of Bank Marketing*, 37(5), 1253-1274. <https://doi.org/10.1108/ijbm-07-2018-0170>
- Cenci, M. P., Scarazzato, T., Munchen, D. D., Dartora, P. C., Veit, H. M., Bernardes, A. M., & Dias, P. R. (2022). Eco-friendly electronics—a comprehensive review. *Advanced Materials Technologies*, 7(2), 2001263.
- Chávez, R., Yu, W., Feng, M., & Wiengarten, F. (2014). The effect of customer-centric green supply chain management on operational performance and customer satisfaction. *Business Strategy and the Environment*, 25(3), 205-220. <https://doi.org/10.1002/bse.1868>
- Chen, X., Sun, X., Yan, D., & Wen, D. (2020). Perceived sustainability and customer engagement in the online shopping environment: the rational and emotional perspectives. *Sustainability*, 12(7), 2674. <https://doi.org/10.3390/su12072674>
- Chen, Y., Prentice, C., Weaven, S., & Hisao, A. (2022). The influence of customer trust and artificial intelligence on customer engagement and loyalty – the case of the home-sharing industry. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.912339>
- Cherian, J. and Jacob, J. (2012). Green marketing: a study of consumers' attitude towards environment friendly products. *Asian Social Science*, 8(12). <https://doi.org/10.5539/ass.v8n12p117>
- Cheung, C., Shen, X., Lee, Z., & Chan, T. (2015). Promoting sales of online games through customer engagement. *Electronic Commerce Research and Applications*, 14(4), 241-250. <https://doi.org/10.1016/j.elerap.2015.03.001>

- Chuah, S. H. W., El-Manstrly, D., Tseng, M. L., & Ramayah, T. (2020). Sustaining customer engagement behavior through corporate social responsibility: The roles of environmental concern and green trust. *Journal of Cleaner Production*, 262, 121348.
- Dolan, R., Conduit, J., Frethey-Bentham, C., Fahy, J., & Goodman, S. (2019). Social media engagement behavior: A framework for engaging customers through social media content. *European Journal of Marketing*, 53(10), 2213-2243.
- Doorn, J., Lemon, K., Mittal, V., Nass, S., Pick, D., Pirner, P., ... & Verhoef, P. (2010). Customer engagement behavior: theoretical foundations and research directions. *Journal of Service Research*, 13(3), 253-266. <https://doi.org/10.1177/1094670510375599>
- European Commission. (2021). EU waste legislation: Promoting sustainability through recycling and reuse.
- Font, X., Elgammal, I., & Lamond, I. (2019). Greenhushing: the deliberate under communicating of sustainability practices by tourism businesses. In *Marketing for Sustainable Tourism* (pp. 139-155). Routledge.
- Gill, M., Sridhar, S., & Grewal, R. (2017). Return on engagement initiatives: a study of a business-to-business mobile app. *Journal of Marketing*, 81(4), 45-66. <https://doi.org/10.1509/jm.16.0149>
- González-Varona, J. M., Poza, D., Acebes, F., Villafañez, F., Pajares, J., & López-Paredes, A. (2020). New business models for sustainable spare parts logistics: A case study. *Sustainability*, 12(8), 3071.
- González-Varona, J., Poza, D., Acebes, F., Villafañez, F., Pajares, J., & López-Paredes, A. (2020). New business models for sustainable spare parts logistics: a case study. *Sustainability*, 12(8), 3071. <https://doi.org/10.3390/su12083071>
- Gopan, S. (2023). Indian automotive supply chains: barriers to circular economy for sustainable development. *Management Decision*, 61(11), 3589-3609. <https://doi.org/10.1108/md-03-2023-0435>
- Guerreiro, J. and Pacheco, M. (2021). How green trust, consumer brand engagement and green word-of-mouth mediate purchasing intentions. *Sustainability*, 13(14), 7877. <https://doi.org/10.3390/su13147877>
- Gunasekara, H., Gamage, J., & Punchihewa, H. (2020). Remanufacture for sustainability: Barriers and solutions to promote automotive remanufacturing. *Procedia Manufacturing*, 43, 606-613.
- Gupta, S., Pansari, A., & Kumar, V. (2018). Global customer engagement. *Journal of International Marketing*, 26(1), 4-29. <https://doi.org/10.1509/jim.17.0091>
- Hapsari, R., Clemes, M., & Dean, D. (2017). The impact of service quality, customer engagement and selected marketing constructs on airline passenger loyalty. *International Journal of Quality and Service Sciences*, 9(1), 21-40. <https://doi.org/10.1108/ijqss-07-2016-0048>
- Hernandez, R. J., Miranda, C., & Goñi, J. (2020). Empowering sustainable consumption by giving back to consumers the 'right to repair'. *Sustainability*, 12(3), 850.
- Hur, W. M., Moon, T. W., & Kim, H. (2020). When and how does customer engagement in CSR initiatives lead to greater CSR participation? The role of CSR credibility and customer-company identification. *Corporate Social Responsibility and Environmental Management*, 27(4), 1878-1891.

- Hyvärinen, M., Pylkkö, M., & Kärki, T. (2023). Closed-Loop Recycling and Remanufacturing of Polymeric Aircraft Parts. *Journal of Composites Science*, 7(3), 121.
- Isasi-Sanchez, L., Morcillo-Bellido, J., Ortiz-Gonzalez, J. I., & Duran-Heras, A. (2020). Synergic sustainability implications of additive manufacturing in automotive spare parts: a case analysis. *Sustainability*, 12(20), 8461.
- Kaveh, A., Nazari, M., Rest, J., & Mira, S. (2020). Customer engagement in sales promotion. *Marketing Intelligence & Planning*, 39(3), 424-437. <https://doi.org/10.1108/mip-11-2019-0582>
- Khajavi, S., Partanen, J., & Holmström, J. (2014). Additive manufacturing in the spare parts supply chain. *Computers in Industry*, 65(1), 50-63. <https://doi.org/10.1016/j.compind.2013.07.008>.
- Knickmeyer, D. (2020). Social factors influencing household waste separation: A literature review on good practices to improve the recycling performance of urban areas. *Journal of cleaner production*, 245, 118605.
- Kumar, V. and Pansari, A. (2016). Competitive advantage through engagement. *Journal of Marketing Research*, 53(4), 497-514. <https://doi.org/10.1509/jmr.15.0044>
- Lam, J. S. L., & Li, K. X. (2019). Green port marketing for sustainable growth and development. *Transport Policy*, 84, 73-81.
- Lang, B., Kemper, J., Dolan, R., & Northey, G. (2022). Why do consumers become providers? Self-determination in the sharing economy. *Journal of Service Theory and Practice*, 32(2), 132-155.
- Leckie, C., Rayne, D., & Johnson, L. W. (2021). Promoting customer engagement behavior for green brands. *Sustainability*, 13(15), 8404.
- Lee, Y., In, J., & Lee, S. (2020). Social media engagement, service complexity, and experiential quality in us hospitals. *Journal of Services Marketing*, 34(6), 833-845. <https://doi.org/10.1108/jsm-09-2019-0359>
- Lim, W. M. (2022). The sustainability pyramid: A hierarchical approach to greater sustainability and the United Nations Sustainable Development Goals with implications for marketing theory, practice, and public policy. *Australasian Marketing Journal*, 30(2), 142-150.
- Lin, J., Zhou, Z., Zheng, F., Jiang, X., & Nguyen, N. (2023). How do hotel star ratings affect the relationship between environmental csr and green word-of-mouth?. *Corporate Social Responsibility and Environmental Management*, 30(5), 2651-2663. <https://doi.org/10.1002/csr.2508>
- Makarova, I., Shubenkova, K., Buyvol, P., Shepelev, V., & Gritsenko, A. (2021). The role of reverse logistics in the transition to a circular economy: case study of automotive spare parts logistics. *Fme Transaction*, 49(1), 173-185. <https://doi.org/10.5937/fme2101173m>
- Maldonado-Guzmán, G., Garza-Reyes, J., & Pinzón-Castro, Y. (2020). Eco-innovation and the circular economy in the automotive industry. *Benchmarking an International Journal*, 28(2), 621-635. <https://doi.org/10.1108/bij-06-2020-0317>
- Nygaard, A. (2024). Green Segmentation, Targeting, and Strategic Positioning. In *Green Marketing and Entrepreneurship* (pp. 137-153). Cham: Springer International Publishing.
- Ogunkunle, O., & Ahmed, N. A. (2019). A review of global current scenario of biodiesel adoption and combustion in vehicular diesel engines. *Energy Reports*, 5, 1560-1579.

- Olabi, A. G., Wilberforce, T., & Abdelkareem, M. A. (2021). Fuel cell application in the automotive industry and future perspective. *Energy*, *214*, 118955.
- Oyinkansola, A.B., 2024. The Gig Economy: Challenges for Tax System. *Journal of Knowledge Learning and Science Technology ISSN: 2959-6386 (online)*, *3*(3), pp.1-8.
- Perreault, M. and Mosconi, E. (2018). Social media engagement: content strategy and metrics research opportunities.. <https://doi.org/10.24251/hicss.2018.451>
- Popovic, I., Bossink, B. A., & van Der Sijde, P. C. (2019). Factors influencing consumers' decision to purchase food in environmentally friendly packaging: What do we know and where do we go from here?. *Sustainability*, *11*(24), 7197.
- Poza, D., Acebes, F., Villafañez, F., Pajares, J., & López-Paredes, A. (2020). New business models for sustainable spare parts logistics: A case study. *Sustainability*, *12*(8), 3071.
- Rachbini, W. (2018). The impact of service brand evaluation, customer engagement on brand trust and brand loyalty - study on culinary business as part of creative economy industry in indonesia. *International Journal of Marketing & Human Resource Management*, *9*(1). <https://doi.org/10.34218/ijmhrm.9.1.2018.001>
- Rather, R. and Sharma, J. (2017). Customer engagement for evaluating customer relationships in hotel industry. *European Journal of Tourism Hospitality and Recreation*, *8*(1), 1-13. <https://doi.org/10.1515/ejthr-2017-0001>
- Reynaldi, F. (2022). Eco-friendly packaging determination in the food industry. *Iop Conference Series Earth and Environmental Science*, *998*(1), 012050. <https://doi.org/10.1088/1755-1315/998/1/012050>
- Riley, R., de Preux, L., Capella, P., Mejia, C., Kajikawa, Y., & de Nazelle, A. (2021). How do we effectively communicate air pollution to change public attitudes and behaviours? A review. *Sustainability Science*, 1-21.
- Ruiz, L. E., Pinho, A. C., & Resende, D. N. (2022). 3D printing as a disruptive technology for the circular economy of plastic components of end-of-life vehicles: a systematic review. *Sustainability*, *14*(20), 13256.
- Saeed, B. B., Afsar, B., Hafeez, S., Khan, I., Tahir, M., & Afridi, M. A. (2019). Promoting employee's proenvironmental behavior through green human resource management practices. *Corporate Social Responsibility and Environmental Management*, *26*(2), 424-438.
- Sánchez-Bravo, P., Chambers, E., Noguera-Artiaga, L., Sendra, E., Chambers IV, E., & Carbonell-Barrachina, Á. A. (2021). Consumer understanding of sustainability concept in agricultural products. *Food quality and preference*, *89*, 104136.
- Sanny, L., Julianto, T., Savionus, S., & Kelena, B. (2021). Purchase intention in the fashion industry on local and international e-commerce in indonesia. *International Journal of Asian Business and Information Management*, *13*(2), 1-12. <https://doi.org/10.4018/ijabim.20220701.oa4>
- Sathasivam, K., Che Hashim, R., & Abu Bakar, R. (2021). Automobile industry managers' views on their roles in environmental sustainability: a qualitative study. *Management of Environmental Quality: An International Journal*, *32*(5), 844-862.

- Segarra-Moliner, J. and Moliner-Tena, M. (2022). Engaging in customer citizenship behaviours to predict customer lifetime value. *Journal of Marketing Analytics*. <https://doi.org/10.1057/s41270-022-00195-2>
- Singh, P. L., Sindhwani, R., Sharma, B. P., Srivastava, P., Rajpoot, P., Lalit, ... & Kumar, R. (2022). Analyse the critical success factor of green manufacturing for achieving sustainability in automotive sector. In *Recent Trends in Industrial and Production Engineering: Select Proceedings of ICCEMME 2021* (pp. 79-94). Springer Singapore.
- Sinha, S., & Modak, N. M. (2021). A systematic review in recycling/reusing/re-manufacturing supply chain research: a tertiary study. *International journal of sustainable engineering*, 14(6), 1411-1432.
- Stampatori, D., Rossetto, N., Willeghems, G., Kessels, K., Lacerda, M., Corceiro, B., & Zoulias, E. (2023). Recommendations for customer engagement strategies. *OneNet*.
- Steinhoff, L., Liu, J., Li, X., & Palmatier, R. (2022). Customer engagement in international markets. *Journal of International Marketing*, 31(1), 1-31. <https://doi.org/10.1177/1069031x221099211>
- Su, L., Swanson, S., Hsu, M., & Chen, X. (2017). How does perceived corporate social responsibility contribute to green consumer behavior of chinese tourists. *International Journal of Contemporary Hospitality Management*, 29(12), 3157-3176. <https://doi.org/10.1108/ijchm-10-2015-0580>
- Sun, H., Rabbani, M. R., Ahmad, N., Sial, M. S., Cheng, G., Zia-Ud-Din, M., & Fu, Q. (2020). CSR, co-creation and green consumer loyalty: Are green banking initiatives important? A moderated mediation approach from an emerging economy. *Sustainability*, 12(24), 10688.
- Sun, J., Soares, J., & Kolar, N. (2018). Sustainability and its effects on organizational behavior in the automotive industry. *Journal of Economics Business and Management*, 6(4), 155-159. <https://doi.org/10.18178/joebm.2018.6.4.566>.
- The Green Initiative. (2023). Reducing waste with precision fitment. *myFitment*.
- TM, A., Kaur, P., Ferraris, A., & Dhir, A. (2021). What motivates the adoption of green restaurant products and services? A systematic review and future research agenda. *Business Strategy and the Environment*, 30(4), 2224-2240.
- Vesal, M., Siahtiri, V., & O'Cass, A. (2021). Strengthening B2B brands by signalling environmental sustainability and managing customer relationships. *Industrial Marketing Management*, 92, 321-331.
- Vivek, S., Beatty, S., & Morgan, R. (2012). Customer engagement: exploring customer relationships beyond purchase. *The Journal of Marketing Theory and Practice*, 20(2), 122-146. <https://doi.org/10.2753/mtp1069-6679200201>
- Yang, X., & Aurisicchio, M. (2021, May). Designing conversational agents: A self-determination theory approach. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems* (pp. 1-16).
- Zahladko, V. (2023). Circular economy of spare parts and data-driven analytics-“Unlocking Sustainable Value: Analyzing Buyback Policy Circularity Performance in Volvo Group’s Reverse Supply Chain-A Renault Trucks Case Study”.

- Zhang, M., Hu, M., Guo, L., & Liu, W. (2017). Understanding relationships among customer experience, engagement, and word-of-mouth intention on online brand communities. *Internet Research*, 27(4), 839-857. <https://doi.org/10.1108/intr-06-2016-0148>
- Zhang, X., Tang, Y., Zhang, H., Jiang, Z., & Cai, W. (2021). Remanufacturability evaluation of end-of-life products considering technology, economy and environment: A review. *Science of The Total Environment*, 764, 142922.

Appendix Sample Questionnaire

Please tick the appropriate box []

Section A: Bio Data

1	Gender	Male [<input type="checkbox"/>] Female [<input type="checkbox"/>]
2	Age	18-25 years [<input type="checkbox"/>] 26-35 years [<input type="checkbox"/>] 36-45 years [<input type="checkbox"/>] 46 and above [<input type="checkbox"/>]
3	Educational Level	Diploma [<input type="checkbox"/>] Bachelor's Degree [<input type="checkbox"/>] Master's Degree [<input type="checkbox"/>] Doctorate [<input type="checkbox"/>]
4	Occupation	Student [<input type="checkbox"/>] Professional [<input type="checkbox"/>] Business Owner [<input type="checkbox"/>] Retired [<input type="checkbox"/>]
5	How often do you purchase spare parts	Once a month [<input type="checkbox"/>] Once every 3 months [<input type="checkbox"/>] Once every 6 months [<input type="checkbox"/>] Once a year [<input type="checkbox"/>] Rarely [<input type="checkbox"/>]

Section B: Customer Engagement Techniques

Instruction: Please read the questions carefully and state the level of your agreement through five options provided in this section.

SA= Strongly agree A= Agree U= Undecided SD=Strongly disagree D= Disagree

5.To what extent do you agree to the following issues on Personalised Communication?

	Items	SA	A	U	SD	D
a	Personalised communication makes me more likely to consider environmentally sustainable spare parts.					
b	I appreciate receiving tailored information about eco-friendly spare parts based on my past purchases.					
c	Personalised messages have a positive influence on my decision to purchase green spare parts.					
d	Personalised communication makes me more aware of the availability of environmentally sustainable spare parts.					

6. To what extent do you agree to the following observations on Loyalty Programs?

	Items	SA	A	U	D	SD
a	I am more likely to purchase eco-friendly spare parts if they are part of a loyalty program.					
b	Loyalty rewards or points for purchasing green spare parts motivate me to choose them over conventional options.					
c	I value loyalty programs that encourage sustainable purchases in the spare parts industry.					
d	I believe loyalty programs can significantly promote environmentally friendly spare parts.					

7. To what extent do you agree to the following points on Eco-Friendly Product Incentives?

	Items	SA	A	U	D	SD
a	Incentives like discounts on eco-friendly spare parts increase my willingness to buy them.					
b	I am more inclined to choose green spare parts when I am offered incentives for doing so.					
c	I believe that eco-friendly incentives help in promoting sustainable spare part products.					
d	Eco-friendly product incentives are effective in promoting green spare parts.					

8. To what extent do you agree to the following points on Digital Engagement Platforms?

	Items	SA	A	U	D	SD
a	Digital platforms (such as websites and mobile apps) are effective in promoting environmentally sustainable spare parts.					
b	I find it easier to engage with green spare part initiatives through digital platforms.					
c	Information about eco-friendly spare parts on digital platforms influences my purchasing decisions.					
d	Digital platforms (such as apps or websites) help me stay informed about environmentally sustainable spare parts.					

Section C

	Items	SA	A	U	D	SD
a	Do you agree there are other factors that can influence your decision to purchase environmentally sustainable spare parts					
b	Do you think improvement needs to be made to the current engagement techniques used to promote green spare parts					