Dr. Robert Aidoo

Department of Agricultural Economics, Agribusiness and Extension
Kwame Nkrumah University of Science and Technology

ORCID 0000-0002-8496-5787 · Homepage knust.edu/robertaidoo · Google Scholar scholar.google.com/citations?user=YWuliNYAAAAJ&hl=en · Profile knust.peerford.com/staff/bb67da18-3984-42ac-8539-aba2176c1897

RESEARCH

Interests	Agricultural Economics · Agribusiness Management · Value Chain Analysis
Areas	General Agricultural and Biological Sciences · Economics and Econometrics · Plant Science · Business and International Management · Food Science · Soil Science

RESEARCH SUMMARY

129	2,429	26	54	2.90	30%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 129 publications listed below, 1975–2026. Field-weighted impact is the mean over the 74 works scored for it; 1.00 is the world average for works of the same field, type and year. 22 of the 74 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Professor 2023–present
Agricultural Economics, Agribusiness and Extension, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

PhD (Agricultural Economics) 2004–2010
Agricultural Economics, Agribusiness and Extension, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

MSc (Agricultural Economics) 2001–2003
Department of Agricultural Economics, Agribusiness and Extension, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

BSc (Agriculture-with specialization in Economics) 1994–1999
Agricultural Economics, Agribusiness and Extension, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 118

1. Bombason Kweku Tuoho, Samuel Kwesi Ndzebah Dadzie, Julius Kofi Hagan, Martin Bosompem, **Robert Aidoo**, Wisdom Makafui Tsetse, Isaac Kwasi Asante (2026). Drivers of agricultural students' career choices in the broiler value chain in Ghana. *Discover Agriculture*. https://doi.org/10.1007/s44279-026-00556-w
2. Seth Etuah, **Robert Aidoo**, Kwasi Ohene-Yankyera, Joyce Haleegoah, Faizal Adams, James Osei Mensah, Awura-Abena Amoah Etuah, Gifty Boakye Appiah, Steve L. Wiggins (2026). Impacts of Industrial Crop Production by Smallholders on Household Food Security in Ghana: Evidence From the Oil Palm Sector. *Plant-Environment Interactions*. https://doi.org/10.1002/pei3.70172
3. Richard Adabah, **Robert Aidoo**, Bright Owusu Asante, Amos Mensah, Seth Etuah, Gifty Boakye Appiah,

Jonas Osei-Adu (2026). Perceptions, challenges and determinants of management strategy choices for combating fall armyworm (Spodoptera frugiperda) infestation in Ghana. *Pest Management Science*. https://doi.org/10.1002/ps.70956

4. David Antwi, **Robert Aidoo**, Isaac Akurugu Apike, James Osei Mensah, John Manso Frimpong, Seth Nkrumah, Linda Dzebu (2026). Reducing food losses in resource-constrained developing economies: the role of human capital and cold chain logistics performance: evidence from Ghana. *Journal of Agribusiness in Developing and Emerging Economies*. https://doi.org/10.1108/jadee-12-2025-0572
5. Abigail Nana Ama Twekuwa Hayford, Nana Ama Frimpomaa Agyapong, **Robert Aidoo**, Charles Apprey, Linda Nana Esi Aduku, Elizabeth C Swart (2025). Characterising 'obesogenic' versus 'protective' food consumption and their value chain among Ghanaian households. *Public Health Nutrition*. https://doi.org/10.1017/s1368980025000114
6. Bombason Kweku Tuoho, Samuel Kwesi Ndzebah Dadzie, Julius Kofi Hagan, Martin Bosompem, **Robert Aidoo**, Isaac Kwasi Asante (2025). Examining the Perception of Undergraduate Students Towards Choosing Broiler Value Chain Business as a Vocation After Graduation. *SAGE Open*. https://doi.org/10.1177/21582440251377153
7. Charles Kwame Sackey, **Robert Aidoo**, Bright Owusu Asante, Enoch Kwame Tham-Agyekum, Kwadwo Amankwah, John-Eudes Andivi Bakang, Margaret Banka, Stephen Prah (2025). Examining the constraints and drivers of the performance of Ghana's Planting for Food and Jobs (PFJ) programme. *Food and Humanity*. https://doi.org/10.1016/j.foohum.2025.100648
8. Benedicta Nsiah Frimpong, Victor Owusu, **Robert Aidoo**, Bright Owusu Asante, Allen Oppong, Justin Pita, Eveline M.F.W. Compaoré-Sawadogo, Ousmane Ndoye, Kouassi Modeste (2025). Microlevel analysis of smallholder farmers' knowledge and perspectives of cassava pests, disease risks, and eco-friendly management techniques in two agroecological landscapes of Ghana. *Crop Protection*. https://doi.org/10.1016/j.cropro.2025.107388
9. V Owusu, **R Aidoo**, BO Asante (2025). Microlevel analysis of smallholder farmers' knowledge and perspectives of cassava pests, disease risks, and eco-friendly management techniques in two agroecological landscapes .... *Crop Protection*. https://www.sciencedirect.com/science/article/pii/S0261219425002807
10. Latif Apaassongo Ibrahim, **Aidoo Robert**, Osei Mensah James (2024). City governance, urban livelihoods, and food security: insights from street food trade in Kumasi, Ghana. *Food Security*. https://doi.org/10.1007/s12571-024-01486-5
11. F Adams, S Etuah, GB Appiah, **R Aidoo**, JO Mensah (2024). Do consumer opinions matter? Consumer perception and purchasing decisions of greenhouse vegetables in Ghana. *Journal of International Food & Agribusiness Marketing*.
12. Faizal Adams, Harald Kaechele, Fred Nimoh, Seth Etuah, James Osei Mensah, **Robert Aidoo**, Amos Mensah (2024). Do synthetic insecticides offer a promising solution to control the fall army worm invasion in Ghana? perception and determinant analyses. *International Journal of Tropical Insect Science*. https://doi.org/10.1007/s42690-023-01150-z
13. Abigail Nana Ama Twekuwa Hayford, Reginald Adjetey Annan, Florian Kroll, Charles Apprey, Linda Nana Esi Aduku, **Robert Aidoo**, Elizabeth Catherina Swart (2024). Food acquisition and consumption by NOVA food classification and lived poverty index among rural and urban households in South Africa and Ghana. *Public Health Nutrition*. https://doi.org/10.1017/s1368980024002118
14. Jonas Osei-Adu, **Robert Aidoo**, Simon Cudjoe Fialor, Stella Ama Ennin, Kingsley Osei, Bright Owusu Asante, Gideon Danso-Abbeam (2024). Impact of positive selection technology on seed yam productivity. *Heliyon*. https://doi.org/10.1016/j.heliyon.2024.e30397
15. Awura-Abena Amoah Osei, Seth Etuah, Isaac Abunyuwah, Nicholas Oppong Mensah, **Robert Aidoo**, Simon Cudjoe Fialor (2024). Nature and performance of smoked marine fish markets. Evidence from Ghana. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2024.2367376
16. CA Wongnaa, **R Aidoo**, BO Asante (2024). Profit Efficiency of Integrated Crop-Livestock Production Systems in the Transitional belt of Ghana. *Ghana Journal of Agricultural Science*. https://www.ajol.info/

index.php/gjas/article/view/277498/261749

17. F. Intiful, **R. Aidoo** (2024). Social Support Affects Compliance to Dietary Restrictions and Modifications. *Journal of the Academy of Nutrition and Dietetics*. https://doi.org/10.1016/j.jand.2024.06.200

18. Anne Marie Thow, David Neves, **Robert Aidoo**, Linda Nana Esi Aduku, Busiso Moyo, Charles Apprey, Florian Kroll, Reginald Annan (2024). Strengthening the governance of food systems for nutrition in Africa: a political economy analysis of food policy in South Africa and Ghana. *Public Health Nutrition*. https://doi.org/10.1017/s1368980024001356

19. Isaac Akurugu Apike, James Osei Mensah, **Robert Aidoo**, Camillus Abawiera Wongnaa, Gifty Boakye Appiah (2024). Structure of imported chicken market and willingness of distributors to accept domestically produced and processed chicken: evidence from Ghana. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2023.2296121

20. Faizal Adams, James Osei Mensah, Seth Etuah, Gifty Boakye Appiah, Amos Mensah, **Robert Aidoo**, Jonathan Quaye, Kwabena Ofori (2023). Compliance with cocoa quality management practices in Ghana; To what extent are cocoa farmers complying? *Heliyon*. https://doi.org/10.1016/j.heliyon.2023.e23863

21. Bright O. Asante, Seth Etuah, Adams Faizal, Amos Mensah, Stephen Prah, James O. Mensah, **Robert Aidoo** (2023). Does adoption of cocoa hand pollination (CHP) improve welfare of farmers? Evidence from smallholder cocoa farmers in Ghana. *International Journal of Agricultural Sustainability*. https://doi.org/10.1080/14735903.2023.2253659

22. Eric Asiamah Yeboah, Kelvin Balcombe, Bright Owusu Asante, Stephen Prah, **Robert Aidoo** (2023). Does participation in innovation platform improve welfare? Insights from smallholder maize farmers in Ghana. *African Journal of Science Technology Innovation and Development*. https://doi.org/10.1080/20421338.2023.2286709

23. Albert Banunle, Bernard Fei-Baffoe, Kodwo Miezah, Nana Ewusi-Mensah, Uffe Jørgensen, **Robert Aidoo**, Alice Amoah, Patrick Addo-Fordjour, Robert Clement Abaidoo (2023). Economic Viability Assessment of Small-Scale Biomass Composting Project Within a Developing Country Context. *Circular Economy and Sustainability*. https://doi.org/10.1007/s43615-023-00328-4

24. Stephen Prah, Bright O. Asante, **Robert Aidoo**, James O. Mensah, Fred Nimoh (2023). Impact of agricultural policy intervention on yield and profitability of maize farmers: The case of Planting for Food and Jobs (PFJ) programme in Ghana. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2023.2249928

25. Bismark Amfo, **Robert Aidoo**, James Osei Mensah, Patrick Muotono Izideen Maanikuu (2023). Linkage between working conditions and wellbeing: Insight from migrant and native farmhands on Ghana's cocoa farms. *Heliyon*. https://doi.org/10.1016/j.heliyon.2023.e13383

26. Isaac Yeboah, Bright Owusu Asante, Stephen Prah, David Boansi, Enoch K. Tham-Agyekum, Irene Serwaa Asante, **Robert Aidoo** (2023). Perception and adoption of food safety practices (FSP) among beef sellers and consumers: Empirical evidence from Ghana. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2023.2287285

27. Faizal Adams, **Robert Aidoo**, James Osei Mensah, Amos Mensah, Seth Etuah, Ernest Amegawovor Akey, Jonathan Quaye (2023). The synergy between farmers' declaration of qualitative and quantitative maize postharvest losses in the transition agroecological zone of Ghana. *Journal of Stored Products Research*. https://doi.org/10.1016/j.jspr.2023.102198

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29. Seth Etuah, Faizal Adams, James Osei Mensah, Awura-Abena Amoah Osei, Amos Mensah, Zhen Liu, **Robert Aidoo**, Paul Effah, Kelvin Asamoah, Eugenia Boafoa Kwakye, Nurideen Halid (2023). Waste generation and management in the food service sector: Evidence from Ghana. *Cleaner and Circular Bioeconomy*. https://doi.org/10.1016/j.clcb.2023.100067

30. Faizal Adams, Seth Etuah, Gifty Boakye Appiah, **Robert Aidoo**, James Osei Mensah, Joseph Nyekyeyel,

Fosu Nobert Appiah, Martha Serebour, Nancy Kwarteng, Pius Asare (2022). Do Consumer Opinions Matter? Consumer Perception and Purchasing Decisions of Greenhouse Vegetables in Ghana. *Journal of International Food & Agribusiness Marketing*. https://doi.org/10.1080/08974438.2022.2145536

31. **R Aidoo**, JO Mensah (2022). Does labour migration for cocoa production in Ghana translate into greater social benefits? *Migration and Development*.
32. Awura-Abena Amoah Osei, Seth Etuah, **Robert Aidoo**, Simon Cudjoe Fialor, Faizal Adams (2022). Drivers of smoked marine fish prices and challenges along the value chain. *International Journal of Social Economics*. https://doi.org/10.1108/ijse-09-2021-0566
33. Jennifer Abogoom, Richard Akromah, **Robert Aidoo**, Emil Awuah, David Jordan (2022). Evaluation of Quality of Peanut (Arachis hypogaea L.) Seed in Ghana from Three Seed Sources. *Peanut Science*. https://doi.org/10.3146/0095-3679-492-ps22-11
34. Ryan Kusi Osei-Asibey, Faustina Dufie Wireko-Manu, **Robert Aidoo**, Stanley Boakye-Achampong, Felix Charles Mills-Robertson, Dieudonne Baributsa (2022). Farmers' Perception of the Use and Benefits of Cowpea Storage Methods in Northern Ghana. *Sustainability*. https://doi.org/10.3390/su14095129
35. Jennifer Abogoom, Richard Akromah, **Robert Aidoo**, Emil Awuah, James Y. Asibuo, David Hoisington, David Jordan (2022). Genetic Similarity from Collections of Seed for Two Peanut (Arachis hypogaea L.) Cultivars in Ghana. *Peanut Science*. https://doi.org/10.3146/0095-3679-492-ps22-14
36. Faizal Adams, Amos Mensah, Seth Etuah, **Robert Aidoo**, Bright Owusu Asante, James Osei Mensah (2022). Modelling of vertical integration in commercial poultry production of Ghana: A count data model analysis. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e11961
37. Jennifer Abogoom, **Robert Aidoo**, Richard Akromah, Emil Awuah, David L. Jordan (2022). Preferences for Seed Quality and Cultivar Characteristics of Peanut (Arachis hypogaea) by Farmers in Ghana. *Peanut Science*. https://doi.org/10.3146/0095-3679-492-ps22-9
38. Jonas Osei-Adu, **Robert Aidoo**, Simon Cudjoe Fialor, Stella Ama Ennin, Kingsley Osei, Bright Owusu Asante (2022). Profitability of positive selection technique for seed yam production in Ghana and Nigeria. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2022.2034281
39. Bismark Amfo, **Robert Aidoo**, James Osei Mensah, William Adzawla, Mark Appiah-Twumasi, Ernest Amegawovor Akey, Richard Kwasi Bannor (2022). Rice Marketing Outlets, Commercialization, and Welfare: Insights From Rural Ghana. *Journal of International Food & Agribusiness Marketing*. https://doi.org/10.1080/08974438.2021.2022556
40. Anthoinette Avane, Bismark Amfo, **Robert Aidoo**, James Osei Mensah (2021). Adoption of organic fertilizer for cocoa production in Ghana: Perceptions and determinants. *African Journal of Science Technology Innovation and Development*. https://doi.org/10.1080/20421338.2021.1892254
41. F. Adams, **R. Aidoo**, J.O. Mensah, A. Mensah, K. Amankwah, B.K. Kyei, J.E. Gbadago, K.A. Konadu, G. Boateng, A.B. Oduro, C.K. Attobrah (2021). Commercialisation of African palm weevil larvae for employment creation and nutritional security in rural Ghana: a financial feasibility approach. *Journal of Insects as Food and Feed*. https://doi.org/10.3920/jiff2020.0153
42. J.L. Suuk, F. Nimoh, E.K. Tham-Agyekum, J.-E.A. Bakang, **R. Aidoo** (2021). DETERMINANTS OF ACCESS AND USE OF IMPROVED WATER SOURCES BY HOUSEHOLDS IN THE NORTHERN REGION OF GHANA. *Russian Journal of Agricultural and Socio-Economic Sciences*. https://doi.org/10.18551/rjoas.2021-10.15
43. Faizal Adams, Kwasi Ohene-Yankyera, **Robert Aidoo**, Camillus Abawiera Wongnaa (2021). Economic benefits of livestock management in Ghana. *Agricultural and Food Economics*. https://doi.org/10.1186/s40100-021-00191-7
44. Seth Etuah, James Osei Mensah, **Robert Aidoo**, Emmanuel Fiifi Musah, Fredrick Botchwey, Loretta Oppong Adjei, Kofi Owusu (2021). Financial viability of processing broiler chicken into cut parts in Ashanti region of Ghana. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2021.1917742
45. Bismark Amfo, **Robert Aidoo**, James Osei Mensah (2021). Food coping strategies among migrant labourers on cocoa farms in southern Ghana. *Food Security*. https://doi.org/10.1007/

s12571-021-01186-4

46. Francis Akabo Asodina, Faizal Adams, Fred Nimoh, Camillus Abawiera Wongnaa, **Robert Aidoo**, Kwasi Ohene-Yankyera (2021). Improving Soya Bean Productivity for Poverty Alleviation and Food Security in Upper West Region of Ghana: A Resource Use Efficiency Analysis. *Caraka Tani Journal of Sustainable Agriculture*. https://doi.org/10.20961/carakatani.v36i1.44311

47. Bismark Amfo, James Osei Mensah, **Robert Aidoo** (2021). Migrants and non-migrants' welfare on cocoa farms in Ghana: Multidimensional poverty index approach. *International Journal of Social Economics*. https://doi.org/10.1108/ijse-07-2021-0386

48. **Robert Aidoo** (2021). Preference for improved varietal attributes of Bambara groundnut among smallholder farmers in Ghana. *African Journal of Agricultural and Resource Economics*. https://www.academia.edu/download/94809172/5._Asante_et_al.pdf

49. Bismark Amfo, James Osei Mensah, Ernest Baba Ali, Gilbert Dagunga, Seth Etuah, **Robert Aidoo** (2021). Rice farm income diversification in Ghana and implications on household consumption expenditure. *International Journal of Social Economics*. https://doi.org/10.1108/ijse-04-2021-0207

50. Albert Banunle, Bernard Fei-Baffoe, Kodwo Miezah, Nana Ewusi-Mensah, Uffe Jørgensen, **Robert Aidoo**, Alice Amoah, Robert Clement Abaidoo, Alex Amerh Agbeshie (2021). Utilisation potentials of invasive plants in the Owabi dam in the Ashanti region of Ghana. *BioResources*. https://doi.org/10.15376/biores.16.2.3075-3095

51. Samuel Darko-Koomson, **Robert Aidoo**, Tahirou Abdoulaye (2020). Analysis of cassava value chain in Ghana: implications for upgrading smallholder supply systems. *Journal of Agribusiness in Developing and Emerging Economies*. https://doi.org/10.1108/jadee-05-2019-0066

52. Bismark Amfo, **Robert Aidoo**, James Osei Mensah (2020). Does labour migration for cocoa production in Ghana translate into greater social benefits? *Migration and Development*. https://doi.org/10.1080/21632324.2020.1833696

53. S. Etuah, K. Ohene-Yankyera, **R. Aidoo**, J. Haleegoah, S. Wiggins, G. Henley (2020). Impact of oil palm-related activities on women's empowerment in Ghana. *World Development Perspectives*. https://doi.org/10.1016/j.wdp.2020.100225

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55. Bismark Amfo, James Osei Mensah, **Robert Aidoo** (2020). Migrants' satisfaction with working conditions on cocoa farms in Ghana. *International Journal of Social Economics*. https://doi.org/10.1108/ijse-03-2020-0131

56. Mubarak Iddrisu, **Robert Aidoo**, Camillus Abawiera Wongnaa (2020). Participation in UTZ-RA voluntary cocoa certification scheme and its impact on smallholder welfare: Evidence from Ghana. *World Development Perspectives*. https://doi.org/10.1016/j.wdp.2020.100244

57. Monica Addison, Kwasi Ohene-Yankyera, **Robert Aidoo** (2020). Quantifying the impact of agricultural technology usage on intra-household time allocation: Empirical evidence from rice farmers in Ghana. *Technology in Society*. https://doi.org/10.1016/j.techsoc.2020.101434

58. Jonas Osei-Adu, **Robert Aidoo**, Simon Cudjoe Fialor, Stella Ama Ennin, Kingsley Osei, Bright Owusu Asante (2020). The role of improved technology to enhance Total Factor Productivity (TFP): The case of quality seed yam production in Ghana and Nigeria. *African Journal of Science Technology Innovation and Development*. https://doi.org/10.1080/20421338.2020.1831132

59. E Asiedu, **R Aidoo** (2020). World Development Perspectives. *World Development*. https://www.academia.edu/download/106564445/Etua_et_al_2020_oil_palm_paper.pdf

60. **R Aidoo** (2019). A Latent Class Modelling Approach to Evaluating Farmer's Preferences for Pona Seed

Yam Certification System and Their Willingness to Pay in Ghana. *International Journal of Agricultural Extension and Rural Development Studies*. https://researchonline.lshtm.ac.uk/id/eprint/4670809

61. P. Boadu, **R. Aidoo**, K. Ohene-Yankyera, U. Kleih, T. Abdoulaye, J. Orchard, N. Maroya, M. Owusu, S. Bekoe (2019). Analysis of seed yam varieties, sources and quantity demanded by farmers in major yam producing districts in Ghana. *Ghana Journal of Agricultural Science*. https://doi.org/10.4314/gjas.v54i2.5
62. T Kwarteng Amaning, **A Robert** (2019). Determinants of the extent of adoption of maize production technologies in Northern Ghana. *African Journal of Agricultural Research*. https://academicjournals.org/journal/AJAR/article-full-text-pdf/CAE43C760889.pdf
63. **R Aidoo** (2019). End of program evaluation for AGRA: Africa's seed systems programs. *Evaluation Report: National Resources Institute, University of Greenwich*. https://agra.org/wp-content/uploads/2020/09/Final-Evaluation-of-PASS-2019-1.pdf
64. Abigail Nana Ama Twekuwa Hayford, Elizabeth Catherina Swart, Reginald Adjetey Annan, Anne Marie Thow, David Neves, Charles Apprey, Linda Nana Esi Aduku, Nana Ama Frimpomaa Agyapong, Jean-Claude Moubarac, Andries du Toit, **Robert Aidoo**, David Sanders (2019). Mapping Obesogenic Food Environments in South Africa and Ghana: Correlations and Contradictions. *Sustainability*. https://doi.org/10.3390/su11143924
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68. James Osei Mensah, Kwasi Ohene-Yankyera, **Robert Aidoo** (2018). Determinants of response of street food entrepreneurs in Ghana to business management training. *Journal of Agribusiness in Developing and Emerging Economies*. https://doi.org/10.1108/jadee-01-2016-0006
69. **R Aidoo** (2018). Farmers' perception about quality of planted seed yam and their preferences for certified seed yam in Ghana. *International Journal of Food and Agricultural Economics*. https://gala.gre.ac.uk/id/eprint/21170/
70. Monica Addison, Kwasi Ohene-Yankyera, **Robert Aidoo** (2018). Gender Effect on Adoption of Selected Improved Rice Technologies in Ghana. *Journal of Agricultural Science*. https://doi.org/10.5539/jas.v10n7p390
71. Prosper Wie, **Robert Aidoo**, Olav Jull Sorensen (2017). An Assessment of Risks Along the Sweet Potato Value Chain in Ghana. *Asian Development Policy Review*. https://doi.org/10.18488/journal.107.2017.53.159.174
72. **R Aidoo** (2017). Analysis of the Sweet Potato Value Chain in Ghana; Linkages, Pathways, Governance and Constraints. *Journal of Agriculture and Food Technology*. https://www.researchgate.net/profile/Prosper-Wie/publication/332189043_Analysis_of_the_Sweet_Potato_Value_Chain_in_Ghana_Linkages_Pathways_Governance_and_Constraints/links/5ca5d11da6fdcc12ee916873/Analysis-of-the-Sweet-Potato-Value-Chain-in-Ghana-Linkages-Pathways-Governance-and-Constraints.pdf
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