MANUFACTURING SECTOR OUTPUT, INSTITUTIONAL QUALITY AND SUSTAINABLE DEVELOPMENT IN ECONOMIC COMMUNITY OF WEST AFRICAN STATES

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A DISSERTATION SUBMITTED TO THE SCHOOL OF POSTGRADUATE STUDIES IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF MASTER OF SCIENCE (M.Sc) IN ECONOMICS FROM THE DEPARTMENT OF ECONOMICS AND DEVELOPMENT STUDIES, COLLEGE OF MANAGEMENT AND SOCIAL SCIENCES, COVENANT UNIVERSITY, OTA, OGUN STATE

JULY, 2022

ACCEPTANCE

This is to attest that this dissertation is accepted in partial fulfilment of the requirements for the award of the degree of Master of Science in Economics in the Department of Economics, College of Management and Social Sciences, Covenant University, Ota, Ogun State, Nigeria.

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DECLARATION

I, UGOCHUKWU, KINGSLEY ONYEDIKACHI (20PAF02139) declares that this research was carried out by me under supervision of Dr. Oluwatoyin A. Matthew of the Department of Economics and Development Studies, College of Management and Social Sciences, Covenant University, Ota, Nigeria. I attest that the dissertation has not been presented either wholly or partially for the award of any degree elsewhere. All sources of data and scholarly information used in this dissertation are duly acknowledged.

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Signature and Date

CERTIFICATION

We certify that this dissertation titled "MANUFACTURING SECTOR OUTPUT, INSTITUTIONAL QUALITY AND SUSTAINABLE DEVELOPMENT IN ECONOMIC COMMUNITY OF WEST AFRICAN STATES (ECOWAS)" is an original research work carried out by UGOCHUKWU, KINGSLEY ONYEDIKACHI (20PAF02139) in the Department of Economics and Development Studies, College of Management and Social Sciences, Covenant University, Ota, Ogun State, Nigeria, under the supervision of Dr. Oluwatoyin A. Matthew. We have examined and found this work acceptable as part of the requirement for the award of Master of Science, Economics.

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DEDICATION

This dissertation is dedicated to the Almighty God. It is also dedicated to my parents and siblings, who have always supported and prayed for me.

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LIST OF ABBREVIATIONS

AFCFTA: African Continental Free Trade Area

ANS: Adjusted Net Savings

CC: Control of Corruption

CPIA: Country Policy and Institutional Assessment

ECOWAS: Economic Community of West African States

FE: Fixed Effect

FINDEV: Financial Development

GDP: Gross Domestic Product

GE: Government Effectiveness

GMM: Generalized Method of Moments

INF: Inflation Rate

LCDs: Least Developed Countries

MDG: Millennium Development Goals

MVA: Manufacturing Value Added

NPCI: National Per Capita Income

NRR: Natural Resources Rent

OLS: Ordinary Least Squares

RE: Random Effect

RQ: Regulatory Quality

SDGs: Sustainable Development Goals

SSA: Sub-Saharan Africa

UN: United Nations

UNEP: United Nations Environment Program

WCED: World Commission for Environment and Development

WDI: World Development Indicators

WGI: World Governance Indicators

ABSTRACT

Sustainable development entails that the present generation's economic activities should not be at the expense of the natural environment and natural resources must be efficiently used to ensure that future generations' have the ability to meet their own needs. The manufacturing sector is a key enabler of economic development and growth. Because the sector contributes to the creation of jobs and exports in an economy, it is critical to ensure that it operates efficiently. The quality of institutions available determines the efficient use of resources. This study, therefore, examines the relationships among the manufacturing sector, institutional quality and sustainable development in the Economic Community of West African States (ECOWAS). To assess the effect of the manufacturing sector output on sustainable development in ECOWAS sub-region, the study employs fixed effect regression and finds that manufacturing sector output positively and significantly impacts sustainable development. Some control variables including inflation rate, financial development, national per capita income and natural resource rent were employed. The study found that the institutional quality in ECOWAS region is weak and this calls for immediate actions. Furthermore, employing the interaction effect model to examine the interactive role of institutions in the relationship between manufacturing sector output and sustainable development, the study finds that the interaction between all three institutional variables and manufacturing sector output had positive and significant impacts on sustainable development. The study, hence, recommends that relevant policymakers generate policies to improve the infrastructure that enables manufacturing sector to thrive. Also, ECOWAS should play a supervisory role over the countries in the community and ensure infrastructural development becomes a priority in order to achieve economic growth and sustainable development.

Keywords: Sustainable Development, Manufacturing Sector Output, Institutions, ECOWAS, Interaction Effect.