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# Measuring impact of the dynamic leadership on efficiency of circular economy planning in the crisis management for sustainable productive development

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## ABSTRACT

The dimensions and practices of the dynamic leadership are related to the circular economy planning CEP and contributing to addressing economic problems, especially in managing crises and serious thorny conditions in Sudan. The dynamic leadership DL emerged as an expression related to the circular economy CE and the method of using and managing resources efficient effectively through dynamic leadership. The circular economy was linked to efficiency of the dynamic leader in economy planning, especially in crisis management, which indicates a significant contribution to achieving sustainable productive development SPD. The study relied on the findings of an analysis of SBM-DEA, CCR and OLS model through indicators of economic development in Sudan during the period (1999–2022). Which Demonstrated differences in efficiency of circular economy planning in Sudan. The findings also identified the most important input dimensions of the dynamic leadership and crisis management affecting the efficiency of CEP and achieving SPD. It also identified the most important obstacles that prevent sustainable productive economic development obstacles that prevent sustainable productive economic development in Sudan. in addition, improving HRM processes through the use of dynamic leadership in managing the crises management, resource re-exploitation, distribution, and activation of decision-making and decision-taking units DMUs and DTUs in Sudan.

#### 1. Introduction

### 1.1. What is the rationale for the research?

The study aspires to focus on the importance of efficient circular economy planning and the comprehensive visions and effective capabilities it contains that contribute to effective management of financial and economic crises and the subsequent improvements and incentives for the Sudanese economy, especially in light of the successive crises that Sudan is currently going through. Perhaps the continuous recurrence of the crises that the Sudanese economy has been going through over the course of decades was the main engine and incentive that encouraged researchers to move forward with this research due to the importance of reaching pioneering solutions to the Sudanese economic crises. Perhaps the importance of measuring the role of the circular economy and the efficiency of its planning will help in reaching realistic and tangible solutions for the Sudanese economy during the study period. And what may result in sustainable productive development in the long term, which may contribute to achieving partial prosperity for the Sudanese economy, and provides some innovative solutions to increase the efficiency of the circular economic planning by adopting a dynamic leadership approach, which may support sustainable productive development of the Sudanese economy (Mies and Gold, 2021).

The circular economy planning plays a vital role in any country's

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