



SDI Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_35489
Title of the Manuscript:	An exploratory study of adoption of Brazilian-based model for ethanol production and diffusion of cassava ethanol in Nigeria
Type of the Article	Case study

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	See general comments.	
Minor REVISION comments	See general comments.	
Optional/General comments	The manuscript deals with an interesting topic, not just in the Nigeria context, but also for many developing countries. Biofuels has attracted the attention worldwide as an alternative action/fuel/renewable source of energy in a scenario of climate change. Thus, even small volume of biofuels that can be produce by country may be a contribution in a global effort to mitigate the causes of global warming. The Brazilian experience in ethanol and biodiesel production can be used as a reference to the government of other countries in proposing policies and programs to develop a biofuel sector. In the manuscript, the authors tried to describe the possibilities and difficulties for Nigeria in developing the biofuel sector (mainly ethanol). In my point of view, the aim is relevant, but the scientific method and procedures are very poorly described or, to be more direct, they are absent in the manuscript. To categorize the "Type of the Article" as a "case study" is at least incorrect. What is a case study? What the case studied/analysed? There are no description of the method and procedures applied to accomplish the study. The organization of the manuscript is poor. Much of the sections 1 and 2 should be removed and a critical contextualization about the reasons for Nigeria invest in biofuel sector following Brazilian experience should be supplied. Section 3 is irrelevant once it doesn't add no value to the manuscript. In the section 6 a SWOT table is provided. Probably, would be relevant to the reader to know from where that information came from. That is not explained in the methodology (?) section. There are language/grammatical errors everywhere. A full review in the English spelling is mandatory. In all parts of the manuscript there are lack of references. The reference list need to be updated. For a topic like biofuels the most recent reference cited in the manuscript be from 2007 is unacceptable. Is some parts of the manuscript, lines 74 and 75 for instance, seems to be a confusion regarding the concepts of biofuels, biodiesel and ethanol. Also, the proportion of ethanol blended to fossil gasoline in Brazil is currently different from the values informed in lines 74 and 75.	



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	As informed in the title on manuscript, I assumed that the Brazilian experience should be relevant to analyse the Nigerian context. However, the authors didn't present a section describing the Brazilian experience in a historical perspective. What are the references on which the relevant aspects of Brazilian experience came from? In the abstract, the authors mentioned the sugar cane and cassava as two potential crops to be explored for biofuel production, but along the manuscript they have analysed just cassava. Finally, the topic is relevant, but the strategy to develop the analysis should be changed to: first, a deeper revision about the Brazilian trajectory, highlighting that aspects that make the biofuels a well stablished fuel in economy; second, a deep description of Nigerian context; third, compare the both cases discussing the similarities, dissimilarities, critical points, possibilities and what need to be done for the development of biofuel sector in Nigeria. Maybe a look at the replication of technology theory may provide some interesting insights.	
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