



Sustainability on the Horizon? An investigation into Sustainable Banking Practices in an Emerging Economy

Journal:	<i>Society and Business Review</i>
Manuscript ID	SBR-09-2023-0275.R1
Manuscript Type:	Research Paper
Keywords:	Sustainability , Banks, CSR in emerging economies, Society

SCHOLARONE™
Manuscripts

Sustainability on the Horizon? An investigation into Sustainable Banking Practices in an Emerging Economy

Abstract

Purpose – This study investigates sustainability practices in the banking industry, focusing on a developing economy. It employs the triple-bottom-line framework to answer the following research question: How do banks in Nigeria conceptualise sustainability, and what role does it play in their banking practices?

Design/approach/methodology – This study adopts a social constructivist approach in its exploration of banking sustainability practices in an emerging economy, and the research design is a purpose-based (exploratory) approach. The qualitative data was collected from 33 bank personnel from various bank units and departments through semi-structured interviews in order to achieve the research objective.

Findings – The study reveals a lack of sustainability policies and programmes, as banks focus mainly on profitability. It uncovers unfair treatments of bank workers through casualisation, low wages, and work overload. It indicates that most banks in developing countries ignore environmental considerations, as they still carry out paper-based transactions and use diesel-powered generators, which cause various negative environmental impacts. It also confirms that governments and banks in the country are not doing enough to propagate sustainable practices and banks have also not taken advantage of the sustainability concept to promote their brands; instead, they consider it as requiring additional operational costs.

Practical implications –The findings demonstrate the need for banks to see sustainability from a marketing point of view and adopt sustainable practices to create additional value that will improve their brand image and enhance their competitiveness.

Originality/value –The importance of sustainability in the banking industry in emerging economies is considered a viable means of contributing to the overall development goals of the United Nations as the world tries to preserve the environment. It also highlights the consequences of inaction or unsustainable banking practices.

1
2
3 **Keywords:** sustainability, corporate social responsibility, banking, emerging economy,
4 Nigeria
5

6
7 **Paper type:** research paper
8
9

10 **Introduction**

11
12
13 The continuous population growth after the industrial revolution and the resultant increase in
14 the production of goods and services to satisfy the growing needs and demands of the world's
15 population is putting pressure on the planet because human activities and the exploitation of
16 natural resources to meet human necessities hurt the environment, leading to a social disparity
17 across the globe (Elliott, 2012; Blewitt, 2014). As a result, the world faces social and ecological
18 problems such as pollution, high levels of carbon emissions, global warming, climate change,
19 poverty, hunger, economic inequality, and unclean water (Rogers et al., 2012; Sachs, 2015).
20 Therefore, it can be argued that the rapid industrialisation of the past two centuries has had
21 enormous negative environmental and social impacts on the world (Pearce et al., 2013;
22 Elkington, 1994; Kumar et al., 2020). Furthermore, Elliott (2012) notes that the rise of
23 materialism and consumerism will create an unsustainable future with negative impacts on the
24 planet.
25
26

27
28 Recently, different campaigns have been carried out in favour of sustainable practices in
29 everyday life. Scholars and practitioners have proposed various sustainable development
30 practices to reduce adverse effects on communities and minimise the damaging effects of
31 exploiting natural resources on society. The Earth's finite resources will not be able to support
32 the world's growing population (Kumar and Prakash, 2019). As a result, every government and
33 organisation must address sustainability issues within their environments. Accordingly, the
34 United Nations and governments worldwide have made concerted efforts to integrate
35 sustainability into various social and environmental programmes (Kishore and Ajai, 2019).
36 Consequently, the past decades have witnessed the development of various sustainability codes
37 of conduct by different United Nations-affiliated organisations whose goal is to enhance global
38 sustainability programmes and performance. Notable among them are the Global Reporting
39 Initiative, the United Nations Global Compact principles, and the Equator Principles (Mitra
40 and Schmidpeter, 2017; Kishore and Ajai, 2019). Furthermore, all organisations are being
41 encouraged to participate in these initiatives and integrate sustainability into their corporate
42 strategies. As a result, sustainability has become an essential aspect of global business
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

1
2
3 operations. Thus, corporations are being encouraged to incorporate sustainable practices using
4 the triple-bottom-line (TBL) framework (profit, people, and planet) of sustainability in their
5 business operations (Kishore and Ajai, 2019). Researchers have therefore conducted several
6 studies on sustainable banking in developed countries (e.g., Jeucken, 2001; Scholtens, 2009;
7 Weber, 2016; Carè, 2018; Kishore and Ajai, 2019). However, only a few studies have been
8 conducted in emerging economies (e.g., Khan et al., 2011; Prakash et al., 2018) with a rather
9 limited focus— a gap in the literature. This study aims to fill that gap by investigating a yet
10 unexplored area in the banking sector in a developing economy: the Nigerian banking context.

11
12
13
14
15
16
17
18 Banks actively promote sustainability as an integral part of economic development in many
19 advanced countries (Kumar and Prakash, 2020). This study investigates current sustainable
20 practices in banks in an emerging economy, arguing that such banks have made limited efforts
21 to integrate sustainability into their banking operations. Most of the banks' activities in
22 emerging economies are restricted to the practice of paperless banking, the installation of solar
23 panels at their branches to power their banking operations, and the encouragement of the
24 adoption of the use of Internet- and mobile-banking services and of ATMs for banking
25 transactions (Biswas, 2011; Kishore and Ajai, 2019). No concise and standardised framework
26 offers comprehensive ideas on how banks in developing nations can successfully incorporate
27 sustainable banking practices' environmental and social dimensions in their corporate and
28 business strategies. Moreover, the available studies on sustainability do not consider the extent
29 of sustainable banking performances in developing economies.

30
31
32
33
34
35
36
37
38
39 Therefore, the present study reviews the extent of banks' sustainable practices in a developing
40 economy. The research's main objective is to understand the level of sustainability practices in
41 the banking sector of an emerging economy, while the research question is: How do banks in
42 Nigeria conceptualise sustainability, and what role does it play in their banking practices? In
43 order to answer this question, the article applies the TBL framework as a theoretical lens in
44 examining sustainable banking practices in Nigeria. The article is structured as follows. The
45 subsequent section reviews the existing literature on sustainability. The section that follows
46 presents the methodology in relation to the data collection. The next part of the study is an
47 outline of the findings and an analysis thereof. A discussion of the results follows. The final
48 section of the study is the article's conclusion, implications for research, and limitations.

58 **Background**

1
2
3 The mounting evidence of climate change and other ecological challenges as well as the reality
4 of the impacts of human activities on the environment, are compelling multinational
5 corporations and other firms to play an active role in preserving the planet for future
6 generations (Jayanti and Gowda, 2014; Ogunkan, 2022). Although sustainability has gained
7 momentum in developed countries (Mahmood et al., 2019), the concept is still in its infancy
8 in emerging economies. This has drawn the attention of scholars from developing economies.
9 For example, many prior sustainability studies of developing economies (e.g., Anochiwa et al.,
10 2020; Omodero and Uwalomwa, 2021; Nicolas, 2022; Akadiri et al., 2022) have been
11 undertaken in various sectors of the economy, including energy, agriculture, transportation,
12 manufacturing, and production. Only a few focus on the services industry. For example, Okoye
13 et al. (2020) link energy consumption for business and home use to economic development in
14 Nigeria; at the same time, such energy consumption has adverse effects on the environment.
15 Similarly, Khan et al.'s (2020) study affirm the relationship between Pakistan's energy usage,
16 economic development, and carbon dioxide emissions. Thus, prior studies have shown that
17 energy consumption, including economic growth, increase carbon dioxide emissions
18 (Omodero and Uwalomwa, 2021; Nicolas, 2022; Akadiri et al., 2022).

19
20
21 Like many other developing countries, the Nigerian business world shares sustainability
22 concerns (e.g. poverty, rising energy costs, carbon emissions, water shortages, waste
23 management, soil pollution, agricultural waste, and environmental degradation) with other
24 parts of the world (Oghenejoboh et al., 2021; Ogunkan, 2022). As a result, industry managers
25 in emerging markets have been taking steps to contribute meaningfully to sustainability
26 practices in society. However, more actions are still needed in Nigeria, as many factors
27 contribute to unsustainable practices. For example, due to the inadequate power supply in
28 Nigeria, organisations use generators to power their equipment to provide products and
29 services, leading to increased carbon dioxide emissions, higher material costs, and a poor waste
30 management culture (Jayanti and Gowda, 2014; Nicolas, 2022).

31
32
33 In addition, a critical literature review shows that the Nigerian government's sustainability
34 policies have not put the expected pressure on organisations to comply with the sustainability
35 code of practice along the three focal areas of the TBL framework (Achumba et al, 2013;
36 Oyedepo, 2014). Nigeria is an emerging economy, the most populous black nation, with over
37 200 million people and limited sustainability programmes. A growing body of evidence in the
38 extant literature demonstrates that the increasing global population and urbanisation are putting
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

1
2
3 pressure on biodiversity. Thus, it is projected that Nigeria and a few other developing countries
4 in Africa and Asia will constitute over 35% of the urban increase in the near future, adversely
5 affecting the environment (Uchehara et al., 2022). There is growing concern about the need for
6 organisations to incorporate sustainable best practices in their business operations to protect
7 and preserve the environment (Orji et al., 2019; Adewuyi et al., 2020; Uchehara et al., 2022).
8 However, despite these various assertions in different industries, sustainability studies have
9 remained inadequate in relation to developing economies, especially in the banking sector.
10 Therefore, this study examines sustainability best practices in the banking sector of an
11 emerging economy (Nigeria) to draw parallels to global sustainability best practices.
12
13
14
15
16
17
18
19

20 **Sustainability in brief**

21
22 Sustainability has become a ubiquitous paradigm for improving global quality of life and
23 inclusive growth. It has emerged as the socioeconomic and environmental development mantra
24 in the past three decades. Its importance in society cannot be overemphasised as nations begin
25 to practice replenishment as they use environmental resources for socioeconomic activities.
26 Sustainability aims to preserve the natural ecological environment for future generations.
27 However, despite the enormous benefits of sustainable practices, scholars have not yet agreed
28 on a precise definition of sustainability; thus, the term has been defined in many different ways
29 (e.g. Mebratu, 1998; Newman, 2005; Holden et al., 2017; Silvestre and Tirca, 2019; Schroeder
30 et al., 2019; Kumar et al., 2020). The concept was first defined in the Brundtland Commission
31 Report of 1987, entitled 'Our Common Future'. It is regarded as the origin of other definitions,
32 as it is the most commonly cited by researchers (e.g. Veron, 2001; Steurer et al., 2005; Osorio
33 et al., 2005; Kumar et al., 2020). The Brundtland Commission Report defines sustainability as
34 'development that fulfils the needs of the present generations without compromising the ability
35 of future generations to meet their needs' (Brundtland Report, 1987). However, despite this
36 seemingly clear explanation of the basic concept of sustainability, various scholars have
37 interpreted it differently, and the definition of the term has become an academic debate (Osorio
38 et al., 2005; Hopwood et al., 2005). Accordingly, the concept of sustainability has continually
39 evolved. It initially focused solely on practices relating to the environment. But as time has
40 passed, economic, ethical, and social development-related dimensions were introduced to the
41 sustainability concept to address general issues concerning sustainability in society.
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57

58 The concept of sustainability first arose at the United Nations Human Environment Conference
59 of 1972. The various discussions on sustainable development during the conference resulted in
60

1
2
3 the emergence of different policy formulations that laid the foundation for the United Nations
4 Environmental Program. Consequently, the term became generally acceptable between 1972
5 and 1992 through various conferences, consultations, seminars, and similar events (Kumar et
6 al., 2020). The consequence is the political importance that became attached to it by world
7 leaders due to the publication of the Brundtland Commission Report in 1987. The publication
8 of the Brundtland Commission Report led to the generally accepted common sustainable
9 development principles on climate change, global warming, social disparity, poverty,
10 population explosion, environmental degradation, and more. However, the Environment and
11 Development Rio Declaration of 1992 led to the introduction of 18 principles of sustainable
12 development that underline that long-term economic progress can only be guaranteed when it
13 is linked with the protection of the environment. Therefore, focusing on a healthy and
14 productive life without threatening the needs of present and future generations is necessary. As
15 a result, several interpretations of the concept of sustainability have been made in different
16 contexts (Veron, 2001; Kumar et al., 2020). The general acceptance of the sustainability
17 concept is attributed to various factors, such as poverty; artificial environmental disasters;
18 global warming; rising social inequality; increasing social disparity; unsustainable production
19 and consumption patterns; and growing awareness and concerns regarding the healthy future
20 of humanity (Hopwood et al., 2005). Governments worldwide are now beginning to take these
21 sustainable issues as an urgent matter of global concern, with many world leaders organising
22 meetings to devise modalities to formulate policy measures for sustainable development
23 programmes in every society (Sneddon et al., 2006).

40 **Banking sustainability**

41
42
43 The term 'banking sustainability' refers to the incorporation of ethical, social, and
44 environmental issues in banking operations (Goyal and Joshi, 2011; Khan et al., 2011; Weber
45 and Feltmate, 2016; Carè, 2018; Kumar et al., 2020; Moufty, 2022; Hamidi and Worthington,
46 2023). This contention seems to agree with another definition given by Kumar and Prakash
47 (2019) but from a different perspective which indicates that, it involves integrating different
48 contemporary approaches to banking operations, such as social, responsible, ethical, and green
49 banking. Meanwhile, there have been many suggestions in the literature (e.g. Carroll, 1979;
50 Jeucken and Bouma, 1999; Cleene and Wood, 2004; Baumgartner and Ebner, 2010; Tan et al.,
51 2017; Hamidi and Worthington, 2021; Moufty et al., 2022) of the best ways for businesses to
52 respond to sustainability issues.
53
54
55
56
57
58
59
60

1
2
3 For example, Carroll (1979) categorises such responses to sustainability into four phases,
4 varying from 'do nothing' to 'do much'. Applying this to banking, the first category is
5 defensive banking, whereby all sustainability issues are ignored by the bank (Cleene and Wood,
6 2004; Jeucken and Bouma, 1999), and there may even be attempts by the bank to oppose new
7 environmental regulations, especially when they are perceived as being directly or indirectly
8 detrimental to the interests of the bank (Jeucken and Bouma, 1999). In other words, defensive
9 banks see sustainability as an additional expense that should be avoided and therefore do not
10 support legislation on sustainability (Baumgartner and Ebner, 2010).

11
12
13
14
15
16
17
18 The second category is preventive or protective banking, whereby banks systematically
19 manage environmental and social risks (Cleene and Wood, 2004). Jeucken and Bouma (1999)
20 demonstrate that due to social pressure, the need to continually generate revenue, reduce costs,
21 minimise risks, and abide by legal rules and regulations, most banks often incorporate a
22 preventive approach into their daily banking operations. For example, preventive banks focus
23 on internal banking operations, such as introducing paperless transactions and reducing water
24 and energy use (Tan et al., 2017).

25
26
27
28
29
30
31 The third category is offensive banking, which Cleene and Wood (2004) describe as the banks'
32 strategic management of environmental and social risks. In offensive banking, the bank starts
33 to realise the opportunities associated with sustainability practices (e.g. sustainable financial
34 products or services and new market opportunities) (Tan et al., 2017). Jeucken and Bouma
35 (1999) explain that offensive banks consider the impacts of their internal and external activities
36 on society and are constantly seeking solutions that would be mutually beneficial to the bank
37 and the community (e.g. producing green financial products) (Baumgartner and Ebner, 2010).

38
39
40
41
42
43
44 The fourth category is the sustainable banking stage. Here, banks adopt sustainable practices
45 by incorporating all components required in the preventive and offensive steps to offer
46 solutions that benefit all society's stakeholders in their banking operations. Such banks pursue
47 sustainable banking to achieve their overall business objectives. Such banks adopt the TBL
48 framework, and sustainability goals drive the new banking products and services designs
49 (Baumgartner and Ebner, 2010).

50
51
52
53
54
55 According to the United Nations Environmental Program and the World Bank (2017), banks
56 can adopt sustainability practices in two main ways. First, they can contribute to society's
57 sustainable development goals by incorporating social, environmental, and ethical
58
59
60

responsibilities into their operations. Banks' environmental consideration projects, which include paperless banking, energy efficiency, recycling, and social improvement initiatives like financial literacy and financial inclusion, can help preserve the environment and improve people's quality of life. Second, they can contribute to social and environmental development by incorporating environmental and social considerations in their core banking strategies, like developing sustainable financial products and financing activities that positively impact society's wellbeing (Kumar et al., 2020). Kumar and Prakash (2020) emphasise that issues concerning sustainable development should be incorporated into core banking operations as a central strategic pillar in banking. Weber and Remer (2011) suggest applying three basic principles to incorporate sustainable practices into the banking system. The first principle involves integrating environmental concerns and social advancement conduct into core banking operations. The second involves incorporating sustainability practices in day-to-day banking activities. The third promotes adopting sustainable development practices regarding the quantifiable business results reported to all the stakeholders. Islam et al. (2016) argue that banks should report and disclose such sustainable practices annually. Such practices include business responsibility reports, sustainability reports, and corporate social responsibility reports. However, Moufty et al. (2022) categorise banks according to three classifications based on their level of sustainability-reporting practices. Group one is the beginner category and includes banks that undertake minimum disclosure. Group two is the considerate type and includes banks with an average commitment to sustainability disclosure. Finally, group three, the leader, includes banks that disclose much sustainability information.

Prior studies (e.g. Weber and Feltmate, 2016; Ziolo et al., 2017; Carè, 2018; Jan et al., 2022) argue that implementing banking sustainability practices can also be used for commercial benefit. For example, banks that incorporate sustainable practices always have a favourable outlook and competitive advantage in the market (Kumar et al., 2020). Meanwhile, in a country like Nigeria, a developing economy, people's awareness about expectations of the roles and responsibilities of banks is low (Oboro and Onuorah, 2022). Nevertheless, Nigerian banks are driven by global best practices established to encourage the development of innovative ways of offering sustainable banking practices (Okodugha, 2021). Accordingly, several financial-inclusion initiatives have been developed, and cashless and online-banking transactions have been encouraged (Nwagwu, 2020; Ikpor et al., 2022). However, Ikpor et al. (2022) argue that the Nigerian banking industry's response to implementing sustainable banking practices could have been faster and better aligned with global best practices to support societal good. Kumar

1
2
3 and Prakash (2019) argue further that the banking policies of developing nations like India (and
4 even Nigeria) must be robust, with verifiable and workable policy guidelines to promote
5 sustainability in core banking services. In addition, emergent theoretical insights (e.g.
6 Eisenhardt and Graebner, 2007) have improved the prospects of further developing the concept
7 of sustainable banking in an emerging market.
8
9

10 11 12 **The triple-bottom-line framework**

13
14 This section explains the TBL sustainable development framework. The term ‘triple bottom
15 line’ was coined by Elkington (1994) to describe sustainability according to three dimensions:
16 the economic, social, and environmental dimensions. TBL was further developed in the mid-
17 1990s when the consulting group AccountAbility coined the term. Elkington (1998) later
18 propagated it in his book *Cannibals with Forks: The Triple Bottom Line of 21st-Century*
19 *Business*. The TBL framework expands organisational performance evaluation ideas to include
20 financial considerations, social justice, and a quality environment (Elkington, 1999). Similarly,
21 scholars have also termed the TBL approach as the ‘3Ps’: the planet, people, and profit
22 (Elkington, 2013; Alhaddi, 2015; Zak, 2015; Kumar et al., 2020). The underlying assumption
23 of Kumar and Prakash’s (2020) TBL framework is that organisations’ performance should not
24 be measured solely based on financial performance but also by the social and environmental
25 impacts of their activities (Norman and MacDonald, 2004; Slaper and Hall, 2011; Zak, 2015;
26 Subramaniam et al., 2017). Therefore, profit maximisation should not be the sole focus of
27 businesses. Companies should also strive to deal with sustainability, as it concerns every
28 stakeholder (e.g., customers, employees, suppliers, policymakers, regulators, governments, and
29 society) (Norman and MacDonald, 2004; Zak, 2015). Therefore, the three spheres of
30 sustainability – the economic, social, and environmental dimensions (profit, people, and the
31 planet) – and the various critical issues linked with them are presented in Figure 1 below:
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49

50 Figure 1 about here
51
52
53
54

55 **The triple bottom line and sustainable banking**

56 *The economic dimension of the triple bottom line in relation to banking* 57 58 59 60

1
2
3 The economic dimension of the TBL framework is the easiest of the three dimensions to
4 evaluate. The financial dimension is usually assessed using traditional performance indicators,
5 such as sales volume, revenue generation, profit margin, overall return on investment, and
6 shareholder value (Hamidi and Worthington, 2021). However, many other industry-specific
7 evaluation methods are available in every industry to measure organisational performance as
8 an aspect of the economic dimension of sustainability, which is also applicable in the banking
9 industry and is used to evaluate banking sustainability strategies and operations. The economic
10 facet suggests that businesses should make a reasonable return on investment to help sustain
11 their continued existence. At the same time, they must be responsible to society by promoting
12 charitable courses and producing environmentally friendly products and services that are
13 healthy for human consumption while trying to make a profit (Hamidi and Worthington, 2023).
14 Thus, the economic dimension of sustainability encourages banks to make a profit through
15 ethical means.
16
17
18
19
20
21
22
23
24
25

The social dimension of the triple bottom line in relation to banking

26
27
28
29 The social dimension of the TBL framework refers to the idea that business organisations'
30 responsibilities extend beyond simple compliance with various regulations and must also
31 include other societal considerations (e.g. reasonable remuneration for employees, production
32 of healthy products for consumers, and promotion of the general wellbeing of society).
33 Kocornik-Mina et al. (2021) suggest that social development practices compel organisations to
34 consider many social issues when conducting business operations. Therefore, social banking
35 practices have evolved to enable the realisation of social development goals through
36 sustainable banking practices. Benedikter (2011) refers to social banking as 'banking with a
37 conscience', as it encourages banks to incorporate social considerations into their banking
38 operations by investing in social programmes, such as assisting poor and vulnerable individuals
39 in society. The focal point of the social dimension of the TBL framework in relation to banking
40 is to advance society's greater good (Chibba, 2009; Weber and Remer, 2011; Lehner, 2016;
41 Kocornik-Mina et al., 2021).
42
43
44
45
46
47
48
49
50
51

The environmental dimension of the triple bottom line in relation to banking

52
53
54
55 The environmental dimension of the TBL framework in relation to banking refers to the impact
56 of banking operations on the ecosystem. Jan et al. (2022) argue that even though banking
57 activities do not directly impact the environment, their lending and financing activities
58
59
60

1
2
3 indirectly adversely affect the ecosystem. As a result, scholars have introduced the concept of
4 sustainable banking to minimise the adverse effect of banking activities on the environment.
5 Sustainable banking emphasises that various core banking operations should consider the direct
6 or indirect impacts of such actions on the environment (Dewi and Dewi, 2017). Similarly,
7 Hamidi and Worthington's (2023) assertion is that implementing sustainable banking practices
8 in the financial services industry will promote a healthy environment, increase banking
9 operational efficiency, and reduce costs. Nagariya et al. (2022) confirm that sustainable
10 banking strategies (such as digitalising and automating banking operations, using eco-friendly
11 technologies, and making environmentally friendly investment decisions) are essential in
12 ensuring our environment remains safe and preserved for future generations. Yadav and Pathak
13 (2014) also argue that the negative ecological impacts of banking directly affect a bank's
14 reputation and return on investment. Saeudy et al. (2021) opine that banks' introduction of
15 sustainable banking products and services, energy-efficient technology, zero-carbon footprints,
16 and green buildings positively help preserve the environment and reduce banking-related risks,
17 such as reputational risk, credit risk, and legal risk. Jeucken (2001) concludes that
18 environmentally responsible banks can develop a good and positive image and reputation,
19 resulting in a competitive advantage.
20
21
22
23
24
25
26
27
28
29
30
31
32

33 **Methodology**

34
35
36 The study is qualitative and relies on multiple field data sources, primarily in-depth interviews,
37 to reveal conceptualisations constructed through rigorous coding and interpretation procedures.
38 Thus, the research design is a purpose-based (exploratory) approach. The primary data
39 collection method was a series of qualitative interviews with 33 bank staff members in various
40 units and departments, as shown in Table 1. **The study uses a qualitative approach in order to**
41 **conform with the principles of inductive research (Schwandt 2015; Billups, 2019) which offers**
42 **opportunities to theoretically and empirically generalise the study findings. Furthermore, since**
43 **the investigation is exploratory, it provides an avenue for generating data that applies to the**
44 **research question. The semi-structured interview method gave the researchers the flexibility of**
45 **words and sequence guided by the interviewees' responses (Gbadamosi, 2009; Galletta, 2013;**
46 **Schuster, 2023).** The interviews focused on banks' sustainability practices and the impacts
47 thereof on bank reputation, bank performance, and society. The interviews were conducted
48 face-to-face, which the researchers considered appropriate for the study's exploratory nature.
49
50
51
52
53
54
55
56
57
58
59
60

Sampling method

The researchers employed the purposive sampling method to identify appropriate participants for the study, as they carefully selected the participants who could best provide insightful answers to the research question. Patton (2015) suggests that the logic underpinning purposive sampling and the fact that it enables the researchers to choose the right respondents, through whom authentic information about a phenomenon can be directly retrieved, is essential for an in-depth qualitative study such as the present research. Therefore, since the study aims to understand sustainable banking practices among Nigerian banks comprehensively, it required the selection of respondents from upper-managerial staff in different bank units and departments (Bryman, 2015). The interview sessions took place between January and June 2023. Therefore, the researchers ensured the participants were managerial-level bank professionals in various departments. As a result, the researchers verified that the chosen respondents for the study met the eligibility criteria for the study (participants were required to be current bank employees in managerial positions).

Data collection

The present study's data collection process was exploratory, and 33 mid- to senior-level bank staff members were interviewed to gather the required data. The bank executives were selected from different commercial banks in Nigeria, anonymously presented as Banks A, B, C, D, E, F, and G. Five mid-level managers from each bank were chosen through purposive sampling for the semi-structured interviews. The participants were selected based on their banking knowledge and positions: regional operations manager, regional marketing manager, branch manager, relationship manager, or branch operations manager. The reason for choosing these categories of bank employees for the interviews is that they could provide accurate answers to the interview questions on Nigerian banks' sustainability practices. They were eventually contacted, and the formal interviews were pre-arranged. Most participants were contacted via telephone and the researchers' professional network contacts in those locations. Consequently, the interview meetings were held in different locations with different categories of bank managers in the Nigerian banking sector. All formal interviews were digitally recorded and were later transcribed. The interviews lasted between 45 and 90 minutes. The discussions were face-to-face, conducted online and at the bank premises after the branches were closed for the day's business.

1
2
3 Each interview began with broad questions on the participants' managerial roles at their banks.
4
5 The interviews were generally conversational in order to explore current bank sustainability
6 practices in Nigerian society. The interviews were semi-structured and open-ended, linking
7 prior conceptualisations and interpretive analyses to exploring sustainability practices in the
8 Nigerian banking system. The researchers allowed room for additional investigations to gain
9 more in-depth insights into the issues raised by the study participants by acquiring information
10 on their lived experiences. Although an initial interview guide was used, most conversations
11 moved into areas that emerged from within the interviews. Consequently, the participants
12 provided valuable and insightful answers to most questions raised and discussed during the
13 semi-structured interviews. Thus, their responses help generate in-depth knowledge and
14 understanding of banks' different activities in sustainable banking development. The
15 participants' detailed profiles are presented in Table 1 below:
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31

Table 1 about here

32
33
34
35

36 ***Data analysis***

37
38 Data analysis commenced after the saturation point was reached – when the participants
39 provided no new information. The data analysis was based on the conceptual framework
40 (Figure 1) and was conducted after the data transcription. First, the researchers undertook the
41 content analysis of each interview item, as Crossman and Bordia (2022) suggest, in order to
42 identify significant themes relevant to the study. The following activities underline the central
43 issues and core statements related to the conceptual framework in Figure 1 (Bell et al., 2023).
44 The researchers then classified each interview by highlighting interesting themes and topics as
45 well as noting additional significant statements concerning the conceptual framework (Bell et
46 al., 2023).
47
48
49
50
51
52
53
54

55 Each stage of the data analysis was documented for further interpretation. The coding process
56 was conducted in two phases. First, the critical issues relating to sustainable banking practices
57 were categorised as economic, social, or environmental problems per the conceptual
58
59
60

1
2
3 framework. Next, the interview material was studied in depth in order to be able to identify the
4 various interviewee responses. This procedure allowed the emerging themes and strengthened
5 them with appropriate justifications. In addition, the process enabled the presentation of the
6 most critical constructs described during the interviews in a pattern (i.e., putting coding
7 together in sequences). The indicators were sorted accordingly. At the same time, the
8 researchers undertook content and topic-based analyses to justify and verify the authenticity of
9 the study. Ultimately, the qualitative research findings offer insights into numerous sustainable
10 banking issues in the Nigerian banking industry.
11
12
13
14
15
16
17

18 **Findings**

19
20 This section presents the research findings according to the three main themes of the TBL
21 framework: profit, people, and planet. ‘Profit’ represents the economic dimension, ‘people’
22 represents the social dimension, and ‘planet’ means the environment. Each theme represents a
23 distinct set of participants’ experiences of sustainable banking operations from the standpoint
24 of the TBL framework. They provide insights into the reality of sustainability practices in the
25 Nigerian banking industry and are presented below:
26
27
28
29
30
31

32 ***The profit dimension: Banks’ economic performance and sustainability***

33
34 The study reveals that banks have consistently improved in economic development. Despite
35 this success, the study findings show that Nigerian banks have not done enough in sustainability
36 practices. Although sustainability programmes in the Nigerian banking sector are lacking, the
37 study found some policies designed by the government to promote sustainable banking
38 practices among commercial banks in Nigeria. Almost all the participants confirmed that
39 sustainability practices are enshrined mandatorily in the code of conduct of Nigerian
40 commercial banks. However, they are yet to implement sustainability programmes in their core
41 banking operations. Nigerian banks’ quest for profit maximisation, increased capitalisation, a
42 growing customer base, and continuous existence have overshadowed their professional
43 practices. Nigerian banks are thus ignoring the need to adopt sustainable banking practices that
44 support the immediate environment. Over the decades, most Nigerian banks have remained
45 profitable, declaring substantial annual profits. They have not considered introducing
46 sustainable practices sufficiently into their banking operations. Further investigations reveal
47 that banks’ quest for profitability at the expense of sustainability is responsible for their current
48 attitude towards adopting sustainable practices. Many bank executives see sustainability from
49
50
51
52
53
54
55
56
57
58
59
60

1
2
3 the cost point of view rather than the marketing point of view. They see sustainability as a
4 programme that will result in their organisation incurring more costs, thereby reducing their
5 profitability in a highly competitive industry with high expectations regarding return on
6 investment. As one participant commented:
7
8
9

10
11 *Commercial banks in Nigeria have yet to introduce sustainable practices in*
12 *their business operations. No bank is talking about sustainability here; the*
13 *banks mainly focus on increasing their profit declarations year in and year*
14 *out... As a branch manager, I have never been introduced to any sustainability*
15 *banking policies by my bank. Instead, the bank makes us focus mainly on*
16 *providing core banking services to numerous customers to satisfy them... Our*
17 *priority as a bank is to provide quality banking services that meet or exceed*
18 *customer expectations... So, in my years of banking experience working with*
19 *three different banks in Nigeria, I have yet to witness the sustainability agenda*
20 *of any of the banks I have worked with. (Branch manager, S/No 3 in Table 1)*
21
22
23
24
25
26
27
28

29 One operations manager's assertion that banks in Nigeria have yet to embrace sustainability in
30 their operations was echoed by other participants, giving credence to the arguments made by
31 other respondents during earlier interviews:
32
33
34

35 *I have not seen any policy promoting the adoption of sustainability at a bank*
36 *where I have worked or am currently working. However, we have undergone*
37 *many core banking training sessions on improving bank performance. Still,*
38 *none of such banking training involves bank sustainability training. So, banks*
39 *are yet to include sustainability practices in their banking operations. Until*
40 *banks begin to train their staff on inculcating sustainability into their banking*
41 *operations and use it to promote their brands, Nigerian banks may still be far*
42 *from adopting sustainable banking practices. (Operations manager, S/No 4 in*
43 *Table 1)*
44
45
46
47
48
49
50
51

52 Nigerian banks have a significant role in contributing to economic development for the
53 betterment of all. However, Fatma et al. (2022) contend that sustainable practices do not just
54 make corporate organisations like banks give back to society. They also help them act in their
55 self-interest and maximise profit by using them to promote their brand image and be
56
57
58
59
60

1
2
3 competitive in the market. A participant's comment below further demonstrates the current
4 situation of sustainability programmes among Nigerian banks:
5
6

7
8 *The concept of sustainability has yet to be introduced to our operational*
9 *banking services. But factually, as a banker, I am only trained to provide the*
10 *core banking services. So, I focus strictly on my core banking duties to satisfy*
11 *the bank customers. Therefore, I am obliged to adopt banking practices that*
12 *focus on profitability to achieve stakeholders' overall objectives, without*
13 *considering sustainability.* (Operations manager, S/No 9 in table 1)
14
15
16
17
18

19 The above quotations demonstrate Nigerian banking executives' half-hearted attitude towards
20 sustainability. Another participant commented on the issue of why banks need to incorporate
21 the idea of sustainability in their banking practices if they aim to be competitive in the global
22 financial services industry:
23
24
25

26
27 *Banks rely on traditional and digital marketing campaigns to promote their*
28 *brands and banking products and services. Therefore, we focus more on*
29 *advertisements and rendering excellent banking services and well-coordinated*
30 *relationship marketing campaigns to attract customers. However, I believe the*
31 *banks can do more to promote their products and services by introducing*
32 *sustainability into their banking services to differentiate them from competitors*
33 *and promote the brand. Therefore, as a regional marketing manager, I firmly*
34 *believe that the bank management executives can redesign the bank's*
35 *operations manual to include sustainability to promote the bank's image.*
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

(Regional marketing manager, S/No 9 in table 1)

The people dimension: Banks' social participation and sustainability

Concerning the 'people' category of the TBL framework, the study findings reveal that the social dimension of sustainability has not been incorporated into bank practices in Nigeria. Further analysis from the various participants illustrates the unfair treatment of employees in the Nigerian banking industry. Many participants reported on the unequal treatment of staff members in the banking system. For example, to reduce operational costs and increase profitability, the banks have been found to employ graduates as casual workers, primarily as frontline staff members (cashiers and tellers) and marketers. Casual workers earn far less than average bankers, who are full-time staff. Additionally, they are not entitled to career-

1
2
3 progression opportunities and do not enjoy many benefits available to full-time staff members.
4 This practice contradicts the basic principles of sustainability as enshrined in the United
5 Nations Charter, which promotes the fair treatment of workers, with good wages and
6 favourable working conditions. It demotivates a bank's casual staff members from being
7 committed to their jobs, resulting in poor output and customer dissatisfaction, thereby
8 negatively impacting the bank's performance. The following quotations from the participants
9 buttress this point:
10
11
12
13
14

15
16 *As a learned person, the reliance on casual workers for cheap labour by*
17 *Nigerian banks is hindering the global sustainability effort of the United*
18 *Nations. As an insider, I can confirm that my bank focuses more on employing*
19 *cheap labour to reduce the cost of banking operations at the expense of*
20 *sustainable best practices. However, I believe the banks can do more to*
21 *promote sustainable practices by recruiting more full-time workers and*
22 *reducing the casualisation of workers – if possible, ending it entirely. This*
23 *means all staff should be treated fairly within the banking system, with career-*
24 *progression prospects and job security. I believe this will help the bank to*
25 *increase productivity, efficiency, and employee commitment. Customer*
26 *satisfaction increases when employees are happy, translating to loyal*
27 *customers. Therefore, as an operations manager, who usually has a constant*
28 *interface with the operations staff, I know how they feel on the job. Their*
29 *morale is usually down and has dropped drastically in recent years, thus*
30 *affecting their mental health and productivity. Therefore, I believe that my*
31 *bank can redesign its operations manual to create equal opportunities for all*
32 *staff within the system. For example, as a bank, we can discontinue casual*
33 *workers or introduce a career part to motivate them. (Operations manager,*
34 *S/No 14 in table 1)*
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49

50 *This idea of the casualisation of workers is more harmful to the banks than the*
51 *benefits. As a branch manager with many years of banking experience, I have*
52 *also experienced this situation. So, I know how it feels to be a casual worker*
53 *in the bank. I was never happy on the job for the two years and five months I*
54 *worked as a casual worker in one of the prominent commercial banks in*
55 *Nigeria until I got a better employment offer from another bank. It was*
56
57
58
59
60

1
2
3 *frustrating, and I was not committed to the job while serving as a bank's casual*
4 *worker. But, when I eventually got a full-time job in another competing bank*
5 *with a prospect for career progression, I did my best. I showed more*
6 *commitment and dedication to my job because of the various motivational*
7 *packages for full-time employees. It later translated to customer satisfaction,*
8 *further increasing my branch's profitability. (Branch manager, S/No 8 in table*
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

The pressure of a high workload is another issue related to sustainability that the participants reported. The study findings show that most banks do not employ enough workers to meet their ever-increasing customers' daily banking transaction needs. Thus, excessive workload strains the few available employees, as they are usually overwhelmed with customer transactions, which reduces their efficiency. This is concerning, and until the Nigerian government does more to encourage the adoption of sustainability by banks, this current negative attitude of Nigerian banks towards sustainability will continue. The following quotes from the participants support this argument:

It is common knowledge that bankers in the Nigerian banking industry are constantly under pressure from top-management executives [and are given] unrealistic targets. This pressure [has] affected my job efficiency and performance as a relationship marketing manager. It makes the job uninteresting, as I get tired and frustrated, leading to job dissatisfaction and, at times, mental-health challenges. I sometimes contemplate leaving the banking industry, as most Nigerian banks have similar operating systems, including recruitment, working conditions, workloads, and target pressure. If banks can correct these abnormalities, I will remain in the industry, as I enjoy working as a banker. It is a profession I love so much, but the unwarranted pressure from management makes it uninteresting. (Relationship manager, S/No 5 in table 1)

Additionally, the data analysis further reveals critical insights regarding the low level of sensitivity to sustainability in Nigeria. First, the data suggests that many people in Nigeria do not know much about sustainability and its environmental relevance. Unfortunately, the government is also not doing enough to sensitise the public to the importance of sustainable practices in Nigerian society. For example, several reports on sustainability have been given to

1
2
3 commercial banks by the Central Bank of Nigeria, but none have been implemented. Many
4 participants commented that most bank customers do not know much about sustainability, and
5 it will take time to increase its awareness in Nigerian society. Second, how sustainable practices
6 improve the environment is not adequately understood. More than 90% of the research
7 participants mentioned that sustainability is still in its infancy in Nigerian society. The
8 government must do more to increase awareness and promote sustainable practices in
9 organisations and the wider community. The quotations below exemplify the participants'
10 shared experiences:
11
12
13
14
15
16
17

18 *I have always heard about sustainability outside the banking industry.*
19 *However, the banks I have worked with, and even my present bank, have yet to*
20 *create awareness campaigns on the need for sustainability practices in*
21 *banking operations. (Operations manager, S/No 19 in table 1)*
22
23
24
25

26 *I do not think my bank is aware of the positive role of sustainability in*
27 *marketing; otherwise, they would have made it a duty to include it as part of*
28 *their marketing campaign strategies to promote the bank in the Nigerian*
29 *financial market. (Branch manager, S/No 13 in table 1)*
30
31
32
33

34 *For me, sustainability is not seen as a priority by my bank. Otherwise, they*
35 *would include it in our operations manual and enforce it. For example,*
36 *Nigeria's economy is cash-based, which negatively impacts the banks'*
37 *operations and the environment. So, banks can launch a digital marketing*
38 *campaign aimed at encouraging cashless and online banking transactions that*
39 *are devoid of using paper. Such a measure will reduce paper usage in our*
40 *banking system by gradually phasing out paper documentation for banking*
41 *transactions (e.g., completing banking teller forms for cash deposits and*
42 *withdrawal slips for cash withdrawals). (Regional operations manager, S/No 1*
43 *in table 1)*
44
45
46
47
48
49
50
51

52 Increasing sustainability awareness by organisations and various government bodies in Nigeria
53 is essential. Unfortunately, the study findings show that action has not been taken to recognise
54 that ending poverty and other deprivations must be combined with strategies that protect the
55 environment (e.g., tackling climate change and preserving the oceans and forests) and improve
56 the overall welfare of people (including healthcare and education). This approach aligns with
57
58
59
60

Whittingham et al.'s (2023) postulation on reducing societal poverty and inequality through sustainable practices. Most participants feel that the sincerity of the Nigerian government and organisations (i.e., banks) in promoting sustainability still needs to be proven. The participants also commented on the long-term adverse effects of not taking any action to promote sustainability, as this will undoubtedly contribute to environmental degradation in Nigeria. Most participants conceded, however, that more sustained pressure and efforts are needed to increase corporate participation in sustainability in Nigeria. As the participants commented:

The pressure on the banks from the government and society itself is non-existent. Therefore, the banks are not pressured to do more on sustainability. However, although the government has introduced many sustainability programmes in the banking industry, it has neither created much-expected public awareness nor triggered banks' participation in sustainability practices in Nigeria... I would be happy to see if my bank can introduce sustainability practices in their banking operations. (Regional operations manager, S/No 21 in table 1)

As a regional marketing manager in the field, I move from one place to another, trying to market my bank's products and services and attract customers to my bank through direct marketing campaigns and building long-term relationships with existing customers through relationship marketing. In my interactive marketing functions, I realised that customers need to understand the basic tenets of sustainability and its importance in society. Unfortunately, individual actions and business activities contradict the concept of sustainability. So, my bank has much to do in sensitising its eight million customers to embrace sustainability for society's betterment. (Regional marketing manager, S/No 27 in table 1)

The planet dimension: Banks' environmental protection and sustainability

Regarding the preservation of the planet, the study's findings indicate that Nigerian banks are doing very little to preserve the environment. Therefore, the study proves a need for more environment-conscious policies in the Nigerian banking industry. This theme was recurrent throughout the data collection. Virtually all the participants admitted that their banks do not have environment-conscious policies and arguably demonstrate banks' careless attitudes

1
2
3 towards sustainable practices. For example, the study reveals that most banks in Nigeria still
4 operate paper-based transactions, such as requiring deposit and withdrawal slips for customers'
5 cash deposits and withdrawals across the counter in the banking hall. This practice puts
6 pressure on the environment. Another example, as revealed by the participants, is using
7 generator sets to power their branches because of the country's inadequate electricity supply,
8 which adds to environmental pollution and leads to ecological degradation. Some banks are
9 beginning to introduce solar energy as an alternative power supply source for their branches.
10 This approach, however, has been introduced to reduce the cost of operations and has not been
11 introduced based on environmental considerations. The participants concluded that until there
12 is special regulatory attention and enforcement in relation to sustainability, there is no sign that
13 Nigerian banks will embrace sustainable practices soon. One participant commented:

22
23 *As a commercial bank employee and a branch manager, I have not seen any*
24 *developed blueprint by my bank to guide our conduct towards protecting the*
25 *environment. I think Nigerian banks need to introduce sustainable practices in*
26 *their business operations bearing in mind the impacts of their operations on*
27 *the environment. Until that is done, banks' contribution towards sustainability*
28 *in Nigeria will remain an illusion. (Branch manager, S/No 23 in table 1)*

34 Consequently, all the participants agreed that adopting sustainable practices in banks is a
35 positive step that will help preserve the environment for future generations. A participant's
36 comment below further supports this argument:

39
40 *I think the world will be better if we apply sustainable banking practices in*
41 *Nigeria. So, I do not doubt that sustainability will help preserve the*
42 *environment for future generations. But government and management efforts*
43 *are required to promote sustainable practices in our banking system. It can be*
44 *pursued vigorously to increase banks' participation in this critical task. For*
45 *example, my bank can reduce the use of cash deposits and withdrawal slips to*
46 *embrace sustainability, as they constitute environmental hazards. Instead, it*
47 *should encourage using digital banking platforms and cashless transactions to*
48 *reduce such ecological impacts of banking activities on societies. I believe*
49 *introducing such practices to our banking system will also help my bank to*
50 *improve its image, which is a source of attracting customers and differentiating*
51 *the bank from other competitors. (Operations manager, S/No 24 in table 1)*

1
2
3 The above quotations demonstrate Nigerian banks' half-hearted attitude towards sustainability.
4 Therefore, the findings align with those of Jaiyeoba et al.'s (2023) study, which clearly states
5 that if an organisation gives back to society through sustainable practices, its image is promoted
6 in the market. Nigerian banks cannot be an exception; they must practice sustainability as is
7 obtainable among banks in advanced countries like the UK and the US to remain competitive
8 in the global financial market. As the participants commented:
9
10
11
12

13
14 *The only way for my bank to be competitive and remain relevant in the global*
15 *financial market is to adopt sustainability in our banking operations, as we are*
16 *expanding into foreign markets within Africa and overseas, with a subsidiary*
17 *in the UK. My bank's sustainability move will help them compete favourably*
18 *within Africa and overseas. (Relationship manager, S/No 20 in table 1)*
19
20
21
22

23
24 *As a branch manager, implementing sustainability in my bank will help*
25 *promote sustainable environmental practices through various campaigns to*
26 *educate the public. However, I know it will not be easy to change people's*
27 *unsustainable habits. Still, it is achievable if the banks can commit resources*
28 *towards promoting sustainable projects in our environment. (Branch manager,*
29 *S/No 31 in table 1)*
30
31
32
33

34
35 Nevertheless, the present study demonstrates that sustainability is already gaining momentum
36 in the Nigerian banking sector through charitable and philanthropic projects that some of the
37 banks have introduced to support the environment. The following comment from one of the
38 participants confirmed this position:
39
40
41
42

43 *I am a female banker with years of banking experience. I have witnessed some*
44 *charitable projects my bank is doing to support the environment. Nevertheless,*
45 *this approach is still in its infancy and needs improvement to help society. Since*
46 *most banks' sustainability efforts are restricted to a few charities and maybe*
47 *some sponsorships, I think banks can build on that approach and expand the*
48 *scope of their activities to include sustainability in their banking operations.*
49
50
51
52
53
54 (Relationship manager, S/No 33 in table 1)
55

56 Finally, the above findings indicate that sustainability is a critical practice yet to be fully
57 adopted in the Nigerian banking industry. Yet, surprisingly, the Central Bank of Nigeria, the
58 government's regulatory authority, has not been doing enough to encourage sustainable
59
60

1
2
3 practices in the Nigerian banking sector, as highlighted by different scholars (e.g. He and
4 Harris, 2020; Pfajfar et al., 2022). This can project their brand in a positive light, unlike the
5 current situation.
6
7

8 9 **Discussion and conclusion**

10
11 The research findings highlight the current reality of sustainable business practices in the
12 Nigerian banking sector. The study reveals that Nigerian banks mainly concentrate on profit
13 maximisation, assured capitalisation, continued existence, and growing their customer base –
14 without any clear agenda for sustainability. Although the upper-management bank executives
15 are aware of the need for sustainable practices in the industry and their importance in society,
16 they have not been able to match their understanding with action plans that would transform
17 the currently unsustainable banking practices into sustainable ones (Durrani et al., 2020;
18 Hamidi and Worthington, 2023). The findings illustrate that Nigeria's current situation is
19 characterised by organisations (banks) aggressively promoting their wellbeing (self-interest)
20 without considering the environment. Therefore, in line with the core tenets of corporate social
21 responsibility (e.g., Nwagwu, 2020; Ikpor, 2021; Moufty, 2022), the present business models
22 adopted by banks in the Nigerian banking industry are not morally right, because they only
23 help the banks maximise their profits, without any adequate plan to give back to their host
24 communities.
25
26
27
28
29
30
31
32
33
34
35

36
37 Meanwhile, the TBL framework (e.g., Elkington, 1998; Laurell et al., 2018) proposes that
38 organisations focusing solely on profit maximisation are incorrect and may even be considered
39 irresponsible. Thus, attention should also be given to the sustainable aspects of banking
40 operations in order to reduce the negative impacts of banking activities on the immediate
41 environment. Thus, every organisation, regardless of its location, should contribute towards
42 global sustainability programmes for the betterment of all. Therefore, the present study
43 questions the morality of an act that destroys the environment and people's economic and social
44 lives and wellbeing, without providing any support or remedies to minimise the negative
45 impacts of such business activities on the environment. The present research thus suggests that
46 banks in Nigeria should leverage the TBL framework to embed sustainability in their banking
47 policy manuals and ensure its implementation to improve people's socioeconomic situations
48 and the environment.
49
50
51
52
53
54
55
56

57
58 The study findings also illustrate the government's introduction of various policies on
59 sustainability. Still, they have not taken any actionable strategies or implemented any specific
60

1
2
3 programmes to carry out those policies, and they have not encouraged corporate organisations
4 (i.e., banks) to increase and widen the scope of implementing such sustainable practices in their
5 diverse business operations in Nigeria. Many Nigerian banks sometimes practice'
6 greenwashing' to deceive the unsuspecting public by pretending to have sustainability
7 programmes in their banking operations. These behaviours, carried out in the banks' self-
8 interest, strictly focus on return on investment for shareholders, and they may be characterised
9 as unsustainable practices. They should be reviewed by banks and other organisations operating
10 in Nigeria. Such organisations should contribute to the overall development of Nigerian society
11 through sustainable business practices as obtainable in developed countries like the UK (e.g.,
12 Robins et al., 2020). This paper argues that banks that successfully integrate sustainability into
13 their operations will enjoy good customer patronage, thereby promoting their competitive
14 advantage.

15
16
17 In contrast, banks and other organisations that ignore the call for sustainability practices might
18 lose customers to competitors that practice sustainability. Moufty et al. (2022) argue that banks
19 that integrate sustainability into their banking operations will give back to society and promote
20 their products and services, thus increasing their profitability. Unfortunately, the present
21 situation and practices in the Nigerian banking industry are unsustainable and have negative
22 environmental impacts. Kumar et al. (2020) observe that banks' involvement in corporate
23 social responsibility is essential for helping replenish and develop the environment.
24 Furthermore, the study findings indicate that people must comprehensively understand and
25 appreciate the applicability of banks' sustainable practices in the industry. This means
26 sustainability awareness is still in its infancy in developing economies and requires
27 governments' urgent attention to increase public awareness. This approach aligns with the core
28 tenets of the TBL framework (Kumar and Prakash, 2020).

29
30
31 The present study makes significant contributions to the extant literature on sustainability.
32 First, although many studies have investigated various sustainability issues in the
33 professionalism and operations of banking operations in Nigeria (e.g., Nwagwu, 2020; Mogaji
34 et al., 2021; Ikpor et al., 2022), prior studies have largely overlooked the impact of banking
35 operations on the environment. Most of the extant studies on sustainability focus on the
36 manufacturing sectors, and only a few focus on the banking industry. This study enriches our
37 understanding of sustainability issues in developing economies' banking industries by
38 conceptualising the literature using the TBL framework. Second, and perhaps more
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

1
2
3 importantly, it illuminates the issue of how an organisation can use the core tenets of banking
4 sustainability to promote their core banking operations while giving back to society. In other
5 words, corporate social responsibility can become a means by which banks in Nigeria promote
6 their banking products and services.
7
8
9

10
11 In summary, this article has provided nuanced insights into the unsustainable conduct of senior
12 bank managers, which seeks to satisfy their self-interest of profit maximisation and ignores the
13 negative impacts of business activities on the environment. These conclusions highlight the
14 irrationalities of business owners and other notable organisations and their reluctance to engage
15 in sustainable practices for the betterment of all.
16
17
18
19

20 21 ***Study implications*** 22

23 The findings of the present study suggest salient implications for practice. First, the findings
24 show that Nigerian banks blatantly demonstrate that they do not give sustainability the priority
25 it deserves. This indicates a lack of an environment-conscious approach to banking operations,
26 which may negatively impact Nigerian society. Thus, banks need to do more concerning
27 sustainability to help improve societal wellbeing and brand image. Further investigation on
28 sustainability among other organisations in other industries in Nigeria (e.g., manufacturing,
29 production, and other services sectors) and the general sustainability orientation in that
30 environment may help shed further light on this phenomenon. Second, the study findings also
31 show that Nigerian banks do not use sustainability to appeal to their target market audience to
32 gain a competitive advantage in the industry. Therefore, banks need to see sustainability from
33 a marketing point of view and adopt sustainable practices to create additional value that will
34 place them above their competitors. This will help the banks promote their banking products
35 and services, enhance profit maximisation, and make provisions for environmental wellbeing.
36 The study thus makes a valuable contribution to sustainability knowledge.
37
38
39
40
41
42
43
44
45
46
47

48 49 ***Study limitations and recommendations for future research*** 50

51 The study has limitations, many of which lend themselves to future research directions. This
52 study is qualitative and, like other prior qualitative studies, is based on a small sample size,
53 making generalisation of the findings difficult. Additionally, the study findings are specific to
54 Nigerian banks – results in other developing countries may differ. Since the researchers
55 adopted a qualitative methodology for this study, future research may employ quantitative
56 methods to investigate the extent of sustainable practices in Nigeria and other parts of Africa.
57
58
59
60

1
2
3 Furthermore, the researchers used the TBL framework in its investigation of sustainability in
4 Nigeria; future research may employ an alternative conceptual framework to ascertain various
5 organisational behaviours to promote sustainability in Nigeria. It may shed new light on the
6 insightful experiences already highlighted in this study. Finally, another limitation is that the
7 researchers mostly used Microsoft Teams and Skype as media for the data collection during
8 the semi-structured interviews. Therefore, the researchers could not effectively monitor the
9 participants' non-verbal cues, which would not have been an issue in face-to-face interviews.
10 Nevertheless, using these technologies in the data collection allowed the researchers to reach
11 the participants in a time- and cost-efficient manner, providing alternative possibilities for data
12 collection (Archibald et al., 2019).
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

References

- Achumba, I. C., Ighomereho, O. S., & Akpor-Robaro, M. O. M. (2013). Security challenges in Nigeria and the implications for business activities and sustainable development. *Journal of economics and sustainable development*, 4(2), 79-99
- Adeyuyi, O.B., Kiptoo, M.K., Afolayan, A.F., Amara, T., Alawode, O.I. and Senjyu, T. (2020). Challenges and prospects of Nigeria's sustainable energy transition with lessons from other countries' experiences. *Energy Reports*, 6, pp.993-1009.
- Akadiri, S.S., Adebayo, T.S., Nakorji, M., Mwakapwa, W., Inusa, E.M. and Izuchukwu, O.O. (2022). Impacts of globalisation and energy consumption on environmental degradation: what is the way forward to achieving environmental sustainability targets in Nigeria? *Environmental Science and Pollution Research*, 29(40), pp.60426-60439.
- Alhaddi, H. (2015). Triple bottom line and sustainability: a literature review. (2), *Business and Management Studies*, Vol. 1, pp. 6-10.
- Archibald, M.M., Ambagtsheer, R.C., Casey, M.G. and Lawless, M. (2019). Using Zoom Video Conferencing for qualitative data collection: perceptions and experiences of researchers and participants. *International journal of qualitative methods*, 18, p.1609406919874596.
- Baumgartner, R., & Ebner, D. (2010). Corporate sustainability strategies: Sustainability profiles and maturity levels. *Sustainable Development*, 18(2), 76–89.
- Bell E., Bryman A., & Kleinknecht S. W. (2023). *Social research methods* (Sixth Canadian). Oxford University Press.
- Benedikter, R. (2011). Social banking and social finance. In *Social Banking and Social Finance* (pp. 1-128), New York, NY: Springer.
- Billups, F. D. (2019). *Qualitative data collection tools: Design, development, and applications* (Vol. 55). London: Sage Publications Ltd,
- Biswas, N. (2011), "Sustainable green banking approach: the need of the hour", *Business Spectrum*, Vol. 1 No. 1, pp. 32-38.
- Blewitt, J. (2014). *Understanding sustainable development*. New York, US: Routledge.
- Brundtland, G.H. (1987). *Oslo: United Our Common Future Nations: World Commission on Environment and Development (WCED)*.

- 1
2
3
4
5 Bryman, A. (2015), *Social Research Methods*, 5th ed., Oxford University Press, Oxford.
- 6
7
8
9 Carè, R. (2018). Exploring the role of banks in sustainable development. *Sustainable Banking: Issues and Challenges*, pp. 39-64.
- 10
11
12
13 Carroll, A. B. (1979). A three-dimensional conceptual model of corporate social performance. *Academy of Management Review*, 4(4), 497–505.
- 14
15
16
17
18 Chibba, M. (2009). Financial inclusion, poverty reduction and the millennium development goals. *The European Journal of Development Research*, 21(2), 213-230.
- 19
20
21
22
23 Cleene, S., & Wood, C. (2004). Sustainability banking in Africa. In *African Institute of Corporate Citizenship. IFC Sustainability*.
- 24
25
26
27
28 Crossman J. & Bordia S. (2022). *Handbook of qualitative research methodologies in workplace contexts* (Paperback). Edward Elgar Publishing.
- 29
30
31
32
33 Dewi, I.G.A.A.O. and Dewi, I.G.A.A.P. (2017). “Corporate social responsibility, green banking, and going concern on banking company in Indonesia stock exchange”, *International Journal of Social Sciences and Humanities*, Vol. 1, No. 3, pp. 118-134.
- 34
35
36
37
38
39 Durrani, A., Rosmin, M. and Volz, U. (2020). The role of central banks in scaling up sustainable finance—what do monetary authorities in the Asia-Pacific region think?. *Journal of Sustainable Finance & Investment*, 10(2), pp.92-112.
- 40
41
42
43
44
45 Eisenhardt, K.M. and Graebner, M.E. (2007). Theory building from cases: Opportunities and challenges. *Academy of Management Journal*, 50(1), pp.25-32.
- 46
47
48
49
50
51
52
53
54
55
56
57
58
59
60 Elkington, J. (1994). Towards the sustainable corporation: Win-win-win business strategies for sustainable development. *California Management Review*, 36(2),90–100.
- Elkington, J. (1998). *Cannibals with forks: The triple bottom line of 21st-century business*. Gabriola Island, BC; Stony Creek, CT: New Society Publishers.
- Elkington, J. (1999). Triple bottom line revolution—reporting for the third millennium. *Australian CPA*, 69(1), 75–77.

- 1
2
3
4
5 Elkington, J. (2013). Enter the triple bottom line. In J. Elkington, (pp. 23-38). New York: The
6 triple bottom line Routledge
7
- 8 Elliott, J. (2012). An introduction to sustainable development. London, UK: Routledge.
9
- 10
11 Fatma, M., Khan, I., Kumar, V. and Shrivastava, A.K. (2022). Corporate social responsibility
12 and customer-citizenship behaviours: The role of customer-company
13 identification. *European Business Review*, 34(6), pp.858-875.
14
- 15 Galletta, A. (2013). *Mastering the semi-structured interview and beyond: From research design to*
16 *analysis and publication* (Vol. 18). NYU press.
17
- 18 Gbadamosi, A. (2009). Cognitive dissonance: The implicit explication in low-income consumers'
19 shopping behaviour for "low-involvement" grocery products. *International Journal of Retail &*
20 *Distribution Management*, 37(12), 1077-1095.
21
- 22
23
24 Goyal, K.A., & Joshi, V. (2011). A study of social and ethical issues in the banking industry.
25 *International Journal of Economics and Research*, 2(5), 49-57.
26
- 27
28 Hamidi, M.L. and Worthington, A.C. (2021). Islamic banking sustainability: theory and
29 evidence using a novel quadruple bottom line framework. *International Journal of*
30 *Bank Marketing*. Vol. 39, No. 5, pp. 751-767.
31
- 32
33
34 Hamidi, M.L. and Worthington, A.C. (2023). Beyond the triple bottom line: Prosperity, People,
35 Planet, and Prophet in Islamic banking. *Journal of Islamic Marketing*, 14(2), pp.394-
36 409.
37
- 38
39
40 He, H. and Harris, L. (2020). The impact of Covid-19 pandemic on corporate social
41 responsibility and marketing philosophy. *Journal of business research*, 116, pp.176-
42 182.
43
- 44
45
46 Holden, E., Linnerud, K., & Banister, D. (2017). The imperatives of sustainable development.
47 *Sustainable Development*. Vol. 25, No. 3, pp. 213-226.
48
- 49
50
51 Hopwood, B., Mellor, M., & O'Brien, G. (2005). Sustainable development: Mapping different
52 approaches. *Sustainable Development*. Vol. 13, pp. 38-52.
53
- 54
55
56 Ikpor, I.M., Bracci, E., Kanu, C.I., Ievoli, R., Okezie, B., Mlanga, S. and Ogbaekirigwe, C.
57 (2022). Drivers of Sustainability Accounting and Reporting in Emerging Economies:
58 Evidence from Nigeria. *Sustainability*, 14(7), p.3780.
59
60

- 1
2
3 Islam, M. A., Jain, A., & Thomson, D. (2016). Does the global reporting initiative influence
4 sustainability disclosures in Asia-Pacific banks? *Australasian Journal of*
5 *Environmental Management*, 23(3), 298-313.
6
7
8
9 Jaiyeoba, H.B., Hossain, S., Mohd Salleh, H. and Elgharbawy, A.A., (2023). Corporate social
10 responsibility as an effective promotional tool for the Malaysian halal certified
11 companies in the era of Covid-19. *Journal of Islamic Marketing*, 14(2), pp.317-341.
12
13 Jan, A.A., Lai, F.W., Asif, M., Akhtar, S. and Ullah, S. (2022). Embedding sustainability into
14 bank strategy: implications for sustainable development goals reporting. *International*
15 *Journal of Sustainable Development & World Ecology*, pp.1-15.
16
17
18
19 Jayanti, R.K. and Gowda, M.R. (2014). Sustainability dilemmas in emerging economies. *IIMB*
20 *Management Review*, 26(2), pp.130-142.
21
22
23
24 Jeucken, M. (2001). Sustainable finance and banking: The financial sector and the future of the
25 planet. London, UK: Earthscan.
26
27
28
29 Jeucken, M., & Bouma, J. (1999). The changing environment of banks. *Greener Management*
30 *International*, Vol. 27, pp. 20–35.
31
32
33
34 Khan, H.U.Z., Azizul Islam, M., Kayeser Fatima, J. and Ahmed, K. (2011), “Corporate
35 sustainability reporting of major commercial banks in line with GRI: Bangladesh
36 evidence”, *Social Responsibility Journal*, Vol. 7 No. 3, pp. 347-362.
37
38
39
40 Kishore Kumar and Ajai Prakash (2019). Developing a Framework for Assessing Sustainable
41 Banking Performance of the Indian Banking Sector. *Social Responsibility Journal*, Vol.
42 15, No. 5, pp. 689-709.
43
44
45
46 Kocornik-Mina, A., Bastida-Vialcanet, R. and Eguiguren Huerta, M. (2021). Social impact of
47 value-based banking: Best practises and a continuity
48 framework. *Sustainability*, 13(14), p.7681.
49
50
51
52 Kumar, K. and Prakash, A., 2019. Examination of sustainability reporting practices in Indian
53 banking sector. *Asian Journal of Sustainability and Social Responsibility*, 4(1), pp.1-
54 16.
55
56
57
58 Kumar, K., & Prakash, A. (2020). Managing sustainability in banking: Extent of sustainable
59 banking adaptations of the banking sector in India. *Environment, Development and*
60 *Sustainability*, Vol. 22, 5199-5217

1
2
3
4
5 Kumar, K., Prakash, A. and Khan, W. (2020). Integrating the notion of sustainable
6 development in banking: Analysing historical and conceptual framework. *Indian*
7 *Journal of Economics and Development*, 16(3), pp.449-458.
8
9

10
11 Laurell, H., Karlsson, N.P., Lindgren, J., Andersson, S. and Svensson, G. (2018). Re-testing
12 and validating a triple bottom line dominant logic for business
13 sustainability. *Management of Environmental Quality: An International*
14 *Journal*, 30(3), pp.518-537.
15

16
17
18 Lehner, O. (2016). *Handbook of Social and Sustainable Finance* London, UK: Routledge.
19

20
21
22 Mahmood, Z., Kouser, R., & Masud, M. A. K. (2019). An emerging economy perspective on corporate
23 sustainability reporting—main actors' views on the current state of affairs in Pakistan. *Asian*
24 *Journal of Sustainability and Social Responsibility*, 4(1), 8. [https://doi.org/10.1186/s41180-](https://doi.org/10.1186/s41180-019-0027-5)
25 [019-0027-5](https://doi.org/10.1186/s41180-019-0027-5)
26
27

28
29 Mebratu, D. (1998). Sustainability and sustainable development: historical and conceptual
30 view. *Environmental Impact Assessment Review*, 18(6), 493- 520.
31

32
33 Mitra, N. and Schmidpeter, R. (2017), "The why, what and how of the CSR mandate: the India
34 story", Mitra, N., Schmidpeter, R. (Ed.), *Corporate Social Responsibility in India. CSR,*
35 *Sustainability, Ethics & Governance, Springer, Cham*, pp. 1-8.
36
37

38
39 Mogaji, E., Hinson, R.E., Nwoba, A.C. and Nguyen, N.P., (2021). Corporate social
40 responsibility for women's empowerment: a study on Nigerian banks. *International*
41 *Journal of Bank Marketing*, 39(4), pp.516-540.
42
43

44
45 Moufty, S., Al-Najjar, B. and Ibrahim, A. (2022). Communications of sustainability practices
46 in the banking sector: Evidence from a cross-country analysis. *International Journal of*
47 *Finance & Economics*, pp. 1 - 27. <https://doi.org/10.1002/ijfe.2679>
48
49

50
51 Nagariya, R., Kumar, D. and Kumar, I. (2022). Sustainable service supply chain management:
52 from a systematic literature review to a conceptual framework for performance
53 evaluation of service only supply chain. *Benchmarking: An International*
54 *Journal*, 29(4), pp.1332-1361.
55

56
57
58 Newman, L. (2005). Uncertainty, innovation and dynamic, sustainable development.
59 *Sustainability: Science, Practice and Policy*, 1(2), 25-31.
60

- 1
2
3
4
5 Nicolas Schneider (2022) Population growth, electricity demand and environmental
6 sustainability in Nigeria: insights from a vector auto-regressive approach. *International*
7 *Journal of Environmental Studies*, Vol. 79, No. 1, pp. 149-176, DOI:
8 10.1080/00207233.2021.1905317
9
10
11
12 Norman, W. and MacDonald, C. (2004). Getting to the bottom of “triple bottom line”. *Business*
13 *Ethics Quarterly*, 14(2), pp.243-262.
14
15
16
17 Nwagwu, I. (2020). Driving sustainable banking in Nigeria through responsible management
18 education: The case of Lagos Business School. *The International Journal of*
19 *Management Education*, 18(1), p.100332.
20
21
22
23 Oboro, O. and Onuorah, A. (2022). Sustainable Banking Principles and Performance of Deposit
24 Money Banks in Nigeria: An Econometric Analysis. *Finance & Accounting Research*
25 *Journal*, 4(4), pp.193-203.
26
27
28
29 Oghenejoboh, K.M., Orugba, H.O., Oghenejoboh, U.M. and Agarry, S.E. (2021). Value added
30 cassava waste management and environmental sustainability in Nigeria: A
31 review. *Environmental Challenges*, 4, p.100127.
32
33
34
35 Ogunkan, D.V. (2022). Achieving sustainable environmental governance in Nigeria: A review
36 for policy consideration. *Urban Governance*, 2(1), pp.212-220.
37
38
39
40 Okodugha, N. (2021). *Central Bank of Nigeria, corporate governance and the quest for*
41 *sustainable banking system in Nigeria: an exploratory analysis* (Doctoral dissertation,
42 University of East London).
43
44
45
46 Omodero, Cordelia Onyinyechi and Uwalomwa, Uwuigbe (2021). Energy absorption, CO2
47 emissions and economic growth sustainability in Nigeria. In: *International Journal of*
48 *Energy Economics and Policy*, Vol. 11, (4), pp. 69 - 74.
49 <https://www.econjournals.com/index.php/ijeeep/article/download/11055/5885>.
50 doi:10.32479/ijeeep.11055.
51
52
53
54 Orji, I.J., Kusi-Sarpong, S., Gupta, H. and Okwu, M. (2019). Evaluating challenges to
55 implementing eco-innovation for freight logistics sustainability in
56 Nigeria. *Transportation Research Part A: Policy and Practice*, 129, pp.288-305.
57
58
59
60

- 1
2
3 Osorio, L.A., Lobato, M.O., & Castillo, X.A. (2005). Debates on sustainable development: A
4 holistic view of reality. *Environment, Development and Sustainability*, Vol. 7, pp. 501-
5 518.
6
7 Oyedepo, S. O. (2014). Towards achieving energy for sustainable development in Nigeria. *Renewable*
8 *and sustainable energy reviews*, 34, 255-272
9
10
11 Patton, M. (2015), *Qualitative Research & Evaluation Methods*, Sage, Los Angeles.
12
13
14
15 Pearce, D., Barbier, E., & Markandya, A. (2013). *Sustainable development: Economics and*
16 *environment in the Third World*. London, UK: Routledge.
17
18
19
20 Pfajfar, G., Shoham, A., Małecka, A. and Zalaznik, M. (2022). Value of corporate social
21 responsibility for multiple stakeholders and social impact–Relationship marketing
22 perspective. *Journal of Business Research*, Vol. 143, pp.46-61.
23
24
25
26 Prakash, A., Kumar, K. and Srivastava, A. (2018), “Consolidation in the Indian banking sector:
27 evaluation of sustainable development readiness of the public sector banks in India”,
28 *International Journal of Sustainable Strategic Management*, Vol. 6, No. 1, pp. 3-16.
29
30
31
32 Robins, N., Tickell, S., Irwin, W. and Sudmant, A. (2020). Financing climate action with
33 positive social impact: How banking can support a just transition in the U.K. *Grantham*
34 *Research Institute on Climate Change and the Environment*, LSE: London, UK.
35
36
37
38 Saeudy, M., Atkins, J. and Barone, E.A. (2021). Interpreting banks’ sustainability initiatives as
39 reputational risk management and mechanisms for coping, re-embedding and
40 rebuilding societal trust. *Qualitative Research in Financial Markets*, 14(1), pp.169-
41 188.
42
43
44
45 Scholtens, B. (2009), “Corporate social responsibility in the international banking industry”,
46 *Journal of Business Ethics*, Vol. 86 No. 2, pp. 159-175.
47
48
49
50 Schroeder, P., Anggraeni, K., & Weber, U. (2019). The relevance of circular economy practices
51 to sustainable development goals, *Journal of Industrial Ecology*, 23(1), pp. 77-95.
52
53 Schuster, R. C., Brewis, A., Wutich, A., Safi, C., Vanrespaille, T. E., Bowen, G.,
54 SturtzSreetharan C , McDaniel A., & Ochandarena, P. (2023). Individual interviews
55 versus focus groups for evaluations of international development programs: Systematic
56 testing of method performance to elicit sensitive information in a justice study in
57 Haiti. *Evaluation and Program Planning*, 97, 102208.,
58 <https://doi.org/10.1016/j.evalprogplan.2022.102208>
59
60

Schwandt, T. (2015), 'The SAGE Dictionary of Qualitative Inquiry, 4th edn, London; SAGE Publication Ltd,

Silvestre, B.S., & Tirca, D.M. (2019). Innovations for sustainable development: Moving toward a sustainable future. *Journal of Cleaner Production*, Vol. 208, pp. 325-332.

Slaper, T.F. and Hall, T.J. (2011). The triple bottom line: What is it, and how does it work? *Indiana Business Review*, 86(1), pp.4-8.

Sneddon, C., Howarth, R.B., & Norgaard, R.B. (2006). Sustainable development in a post-Brundtland world. *Ecological Economics*, Vol. 57, pp. 253-268.

Steurer, R., Langer, M.E., Konrad, A., & Martinuzzi, A. (2005). Corporations, stakeholders and sustainable development I: A theoretical exploration of business society relations. *Journal of Business Ethics*, Vol. 6, 263-281.

Stoddard, J.E., Pollard, C.E. and Evans, M.R., (2012). The triple bottom line: A framework for sustainable tourism development. *International Journal of Hospitality & Tourism Administration*, 13(3), pp. 233-258.

Subramaniam, N., Kansal, M., & Babu, S. (2017). Governance of mandated corporate social responsibility: Evidence from Indian government-owned firms. *Journal of Business Ethics*, 143(3), 543-563.

Tan, L.H., Chew, BC and Hamid, S.R. (2017). A holistic perspective on sustainable banking operating system drivers: A case study of Maybank group. *Qualitative Research in Financial Markets*, Vol. 9, No. 3, pp. 240-262.

Uchehara, I., Moore, D., Jafarifar, N. and Omotayo, T. (2022). Sustainability rating system for highway design: —A key focus for developing sustainable cities and societies in Nigeria. *Sustainable cities and society*, 78, p.103620.

UNEP and the World Bank Group. (2017). Roadmap for a sustainable financial system. Retrieved from:https://wedocs.unep.org/bitstream/handle/20.500.11822/22283/Roadmap_Sustainable_Financial_System.pdf?sequence=1&isAllowed=y.

- 1
2
3 Veron, R. (2001). The new Kerala model: Lessons for sustainable development. *World*
4 *Development*, 29(4), 601-617.
5
6
7
8 Weber, O. (2016), "Impact investing", In Lehner, O.M. (Ed.), *Routledge Handbook of Social*
9 *and Sustainable Finance*, Routledge, London.
10
11 Weber, O., & Feltmate, B. (2016). *Sustainable banking: Managing the social and*
12 *environmental impact of financial institutions*. Toronto: University of Toronto Press.
13
14
15
16 Weber, O., & Remer, S. (2011). *Social banks and the future of sustainable finance*. London,
17 UK: Routledge.
18
19
20
21 Whittingham, K.L., Earle, A.G., Leyva-de la Hiz, DI and Argiolas, A. (2023). The impact of
22 the United Nations SUSTAINABLE DEVELOPMENT GOALS on corporate
23 sustainability reporting. *BRQ Business Research Quarterly*, 26(1), pp.45-61.
24
25
26
27 Yadav, R., & Pathak, G. (2014). Environmental sustainability through green banking: A study
28 on private and public sector banks in India. *OIDA International Journal of Sustainable*
29 *Development*, 6(8), 37-48.
30
31 Ziolo, M., Fidanoski, F., Simeonovski K., Filipovski, V., & Jovanovska K. (2017). Sustainable
32 finance role in creating conditions for sustainable economic growth and development.
33 In Leal Filho W., Pociovalisteanu D.M., & Al-Amin, A. (Eds.) *Sustainable Economic*
34 *Development. World Sustainability Series* (pp.187-211), Cham: Springer
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

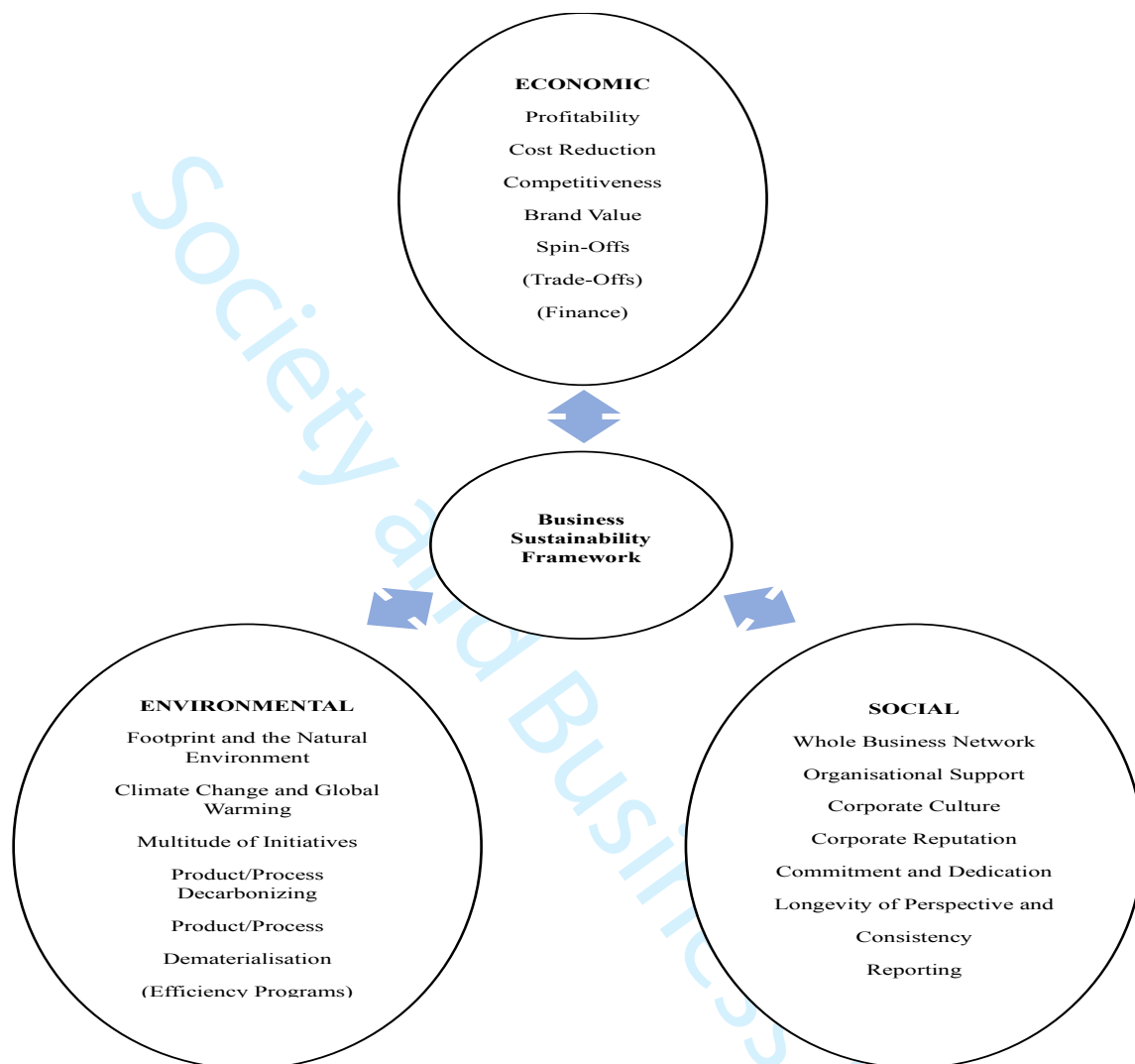


Figure 1 The triple-bottom-line framework (Laurell et al., 2018, p. 523).

Table 1. Participant profiles.

S/No	Pseudonym	Gender	Age	Position	Banks	Years of work experience	Job status
1	John Iyayi	Male	48	Regional operations manager	A	15	Present
2	Ibrahim Kumo	Male	52	Regional marketing manager	A	16	Present
3	Shotayo Sunday	Male	37	Branch manager	A	14	Present
4	Louise Fredrick	Male	35	Operations manager	A	9	Past
5	Tina Osas	Female	31	Relationship manager	A	6	Present
6	Salihu Mohammed	Male	51	Regional operations manager	B	12	Present
7	Sanusi Usman	Male	50	Regional marketing manager	B	15	Present
8	Charles Ogechukwu	Male	34	Branch manager	B	10	Past
9	Adams Joe	Male	33	Operations manager	B	11	Present
10	Ali Pantami	Male	29	Relationship manager	B	13	Present
11	Aisha Sulaiman	Female	48	Regional operations manager	C	17	Past
12	Bala Ibrahim	Male	52	Regional marketing manager	C	14	Present
13	Mohammad Sulaiman	Male	37	Branch manager	C	12	Present
14	Zakari Shehu	Male	35	Operations manager	C	10	Present
15	Sani Shuaib	Male	31	Relationship manager	C	8	Present
16	Mohammad Gidado	Male	44	Regional operations manager	D	14	Present
17	Musa Gambo	Male	47	Regional marketing manager	D	16	Present
18	Abubakar Sulaiman	Male	32	Branch manager	D	8	Present
19	Abdullahi Yahya	Male	30	Operations manager	D	6	Past
20	Ishaku Idris	Male	28	Relationship manager	D	5	Present
21	Maina Bukkar	Male	45	Regional operations manager	E	4	Present
22	Malgwi Hassan	Male	47	Regional marketing manager	E	6	Present
23	John Sunday	Male	33	Branch manager	E	7	Past
24	Joy Alexandra	Female	28	Operations manager	E	8	Present
25	Mohammed Otaru	Male	32	Relationship manager	E	7	Present
26	Francis Sylvester	Male	40	Regional operations manager	F	10	Present
27	Bashir Kwami	Male	45	Regional marketing manager	F	19	Past
28	Inuwa Salisu	Male	31	Branch manager	F	5	Present
29	Adebayo Abimbola	Male	32	Operations manager	F	7	Present
30	Fatima Omuya	Female	27	Relationship manager	F	11	Present

31	Musa Abduljalal	Male	35	Branch manager	G	8	Past
32	Patrick Uzembe	Male	33	Operations manager	G	7	Present
33	Joseph Imafidon	Male	29	Relationship manager	G	5	Present

Society and Business Review

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60