Law-Finance-Growth Nexus in the Context of Africa

Flora Huang* and Horace Yeung**

This article seeks to put the law-finance-growth nexus into the context of Africa. As of 2017, the African Securities Exchanges Association has 27 securities exchanges as full members. The Johannesburg Stock Exchange is the most developed of all, especially with respect to its market capitalization. Its socio-legal proximity with the English system may provide a good explanation to its phenomenal growth relative to the rest in the region. However, such a socio-legal proximity is indeed shared by a number of other former British colonies such as Nigeria and Zimbabwe. Law alone may not account for the rise of the Johannesburg Stock Exchange. Furthermore, this article seeks to argue whether there is a genuine need for the African countries to have a stock market, which requires highly evolved legal, market and governmental institutions and norms that often do not pre-exist in these countries. On the one hand, the article will look at Africa in general. On the other hand, it will put certain discussions into the context of selected African countries.

Keywords: Africa, Institutions, Economic Development, Law, Finance

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1. Introduction

Institutional economics, which has existed for nearly 100 years, is a branch of scholarship which explores the role of institutions in economic activities and growth. Different types of institutions have been reviewed by scholars, including but not limited to finance\(^1\), law\(^2\), politics\(^3\), trade\(^4\), culture\(^5\), technology\(^6\), education\(^7\), colonial origin\(^8\), etc. These institutions are not standalone but are interlinked. For example, a country legal system is normally dependent on its colonial origin.\(^9\) For the relationship between law, finance and growth, the explanation can be that law helps deepening the financial markets, thereby facilitating economic growth.\(^10\) Allen and colleagues have famously put the law, finance and growth nexus into the context of China.\(^11\) They argued that China represents an important counter-example to the wider law, institutions, finance, and growth literatures: neither legal nor financial system was well developed, yet it has been one of the fastest growing economies. This article seeks to add to the debate by putting the same nexus into the context of Africa.

This article will look at Africa in general as a continent. At the same time, certain African countries are selected for further analysis in key sections. The countries selected are the Seychelles, South Africa, Morocco and Egypt. The Seychelles is important as it is the only high income country in Africa according to the World Bank. On the other hand, South Africa, Morocco and Egypt house the three largest stock markets in the region. This article will consider the role of finance and law in the economic development of these countries, together with Africa as a whole. This article is divided into three sections. The next section will flesh out the theoretical foundation of discussion by drawing on the existing debate about the importance of institutions, particularly in light of finance and law respectively. Then, it will proceed to discuss the finance-growth nexus in the context of Africa, before doing the same for the law-finance nexus. At the end, the conclusion will seek to link up all the dots by

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summarizing how the findings about Africa in this article can provide any insights to the debate on the relationship between law, finance and growth.

2. Institutions and Economic Growth

The study of institutions can be traced back to as early as 1899 when Veblen said:

The evolution of social structure has been a process of natural selection of institutions. The progress which has been and is being made in human institutions and in human character may be set down, broadly, to a natural selection of the fittest habits of thought and to a process of enforced adaptation of individuals to an environment which has progressively changed with the growth of the community and with the changing institutions under which men have lived.\(^ {12} \)

Hamilton further claimed that ‘the proper subject-matter of economic theory is institutions’ and coined the term ‘institutional economics’, which concerns how the institutions shape economic behavior.\(^ {13} \) This has planted the seed of the more recent development in the research of the role of institutions in economic development.\(^ {14} \) According to Acemoglu and colleagues, economists and historians have long emphasized the importance of institutions.\(^ {15} \) The institutions hypothesis alleges that societies with a social organization that provides encouragement for investment will prosper. This new movement of institutional economics has generally identified itself as an attempt to extend the range of neoclassical theory by explaining the institutional factors traditionally taken as givens, such as property rights and governance structures.\(^ {16} \) Yet it is not easy to give ‘institutions’ a precise definition. As put by North, ‘Institutions are the rules of the game in a society or, more formally, are the humanly devised constrains that shape human interaction.’\(^ {17} \) Whilst saying that ‘there is no unanimity in the definition of this concept [of institution]’, Hodgson tries to define institutions as ‘systems of established and prevalent social rules that structure social interactions’ and thus ‘language, money, law, systems of weights and measures, table manners, and firms (and other organizations)’ are all institutions.\(^ {18} \) Such a broad definition clearly adds to the complexity of what matters for economic development.

2.1 Finance as a Type of Institution

Acemoglu stresses the importance of economic institutions, which comprise such things as the structure of property rights, the presence of markets, and the contractual opportunities available to individuals and companies.\(^ {19} \) Take stock market as an example. The primary role of a stock


\(^ {16} \) Rutherford (2001), supra note 14.


market is the allocation of ownership of the economy’s capital stock. \(^{20}\) The market is a developed system which creates more information about investment projects and can therefore guide investors’ funds to better uses. \(^{21}\) Specialization, as well as acquisition and dissemination of information, is encouraged to reduce the cost of aggregating dispersed savings, thereby facilitating investment. \(^{22}\)

The market is often viewed as the most efficient allocation of capital in some cases because of the shortcomings of bank finance. In the presence of asymmetric information, banks generally finance only well-established, safe borrowers, while stock markets can encourage more risky, productive and innovative projects. \(^{23}\) Furthermore, equity markets allow companies to rely more on equity and less on debt, creating a less risky financial structure in the event of an economic downturn. \(^{24}\) On the other hand, investors are generally reluctant to relinquish control of their savings for long periods, despite the fact that many high-return projects require a long-term commitment of capital. A liquid stock market can enable more investment to occur because savers can buy and sell quickly and cheaply whenever they wish to alter their portfolios, especially with the development of technology. \(^{25}\) Moreover, stock markets provide a vehicle for investors to diversify risk. \(^{26}\) With a diversified investment portfolio, investors may shift part of their savings into higher-return projects, which can influence economic growth. Such growth can also come from the mitigation of agency cost because corporate control is enhanced through stock markets. \(^{27}\)

To illustrate the importance of stock markets, some scholars have tried to examine the empirical relationship between stock markets and economic growth. A cross-sectional study of 39 countries over the period 1980-88, by Atje and Jovanovic, have suggested that the relative size of a country’s stock market helps to explain subsequent growth in gross domestic product (GDP) per capita. \(^{28}\) Building on Atje and Jovanovic’s study, Levine and Zervos have subsequently confirmed that there is a strong correlation between overall stock market


\(^{23}\) G. Caporale, P. Howells and A. Soliman, Stock Market Development and Economic Growth: the Causal Linkage, 29 Journal of Economic Development, no. 1 (2004), 33-50, at 36. For example, many markets have junior boards, often with lower listing requirements, to help growth enterprises raise capital. Also, venture capitalists are often the financiers for new start-ups. Stock markets provide these venture capitalists with an exit strategy. It is argued that there is a link between the stock market and the venture capital market. See for example, B. Black and R. Gilson, Does Venture Capital Require an Active Stock Market?, 11 Journal of Applied Corporate Finance, no. 4 (1999), 36-48.


\(^{26}\) Ibid. p. 327.

\(^{27}\) A. Demirguc-Kunt and R. Levine, Stock Markets, Corporate Finance and Economic Growth: An Overview, 10 World Bank Economic Review, no. 2 (1996), 223-239, at 231. Although a diffuse ownership structure will reduce the incentives for investors to monitor the management carefully, the countervailing argument is that a remuneration package tied to stock performance and takeover threats are possible ways to align the interests of managers and owners. Also, the presence of institutional investors and securities analysts can potentially enhance monitoring.

\(^{28}\) Atje and Jovanovic (1993), supra note 21
development and long-term economic growth. However, in contrast to the supporting opinions, Harris has found no hard evidence that the level of stock market activity helps to explain growth in per capita output. Despite the debates, Carlin and Mayer are quite right to say that very little is known about the way in which financial structures bear on economic performance. The studies have been restricted to assessments of whether there is a link between financial and economic performance. They have failed to address the range of other questions that lie at the heart of debates about financial systems; for example, the effect of corporate and legal structures. Policies concerning the structure of financial and corporate systems should be sensitive to different stages of economic development. There is no such thing as one size fits all.

2.2 Law as a Type of Institution

Why do different countries have different financial systems? Are these different financial systems performing different functions? Can we say that one system is better than another? In the Anglo-American system, financial markets play an important role in allocating resources, while in Germany and other continental systems they are relatively unimportant (see Chart 1). Despite the apparent divergence, as observed by Allen and Gale, the current trend is towards the market-based systems. Many countries have deliberately tried to deepen their financial markets. Nevertheless, the development of a strong securities market is by no means automatic. As discussed, if property rights and governance structures, or more generally investor protection, are the determining factors, then company law, securities law, listing rules and other institutional factors are all relevant. Unfortunately, these structures depend upon highly evolved legal, market and governmental institutions and norms that often do not pre-exist in a new market.

Chart 1: Market Capitalization of Listed Domestic Companies in Selected Countries (% of GDP)

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30 R. Harris, Stock Markets and Development: A Re-assessment, 41 European Economic Review, no. 1 (1997), 139-146. This study covered 49 of the 80 countries that had official stock markets in 1991 and spanned the period 1980-91.
32 Ibid. p. 193.
Lee criticizes that the relationship between law and economic and social progress is relatively unknown and underdeveloped as an academic field despite decades of research.\textsuperscript{35} La Porta and colleagues have examined legal rules covering the protection of corporate shareholders and creditors, the origin of these rules and the quality of their enforcement in 49 countries.\textsuperscript{36} They have alleged that the legal environment, including both legal rules and their enforcement, matters for the size and extent of a country’s capital market. It is because a good legal environment protects the potential financiers against expropriation by entrepreneurs. Investors are willing to surrender funds in exchange for securities and therefore expand the scope of capital markets. Based on their findings, they have claimed that French civil law countries with the weakest investor protection, have smaller and narrower capital markets.\textsuperscript{37} Such classification using legal families, with little regard to each particular country’s ‘demand for law’ in the first place, later attracted criticisms from other scholars.\textsuperscript{38} Furthermore, Spamann


\textsuperscript{37} Ibid.

criticizes that many of the initial results from La Porta and colleagues are not robust to the correction of coding errors.\textsuperscript{39} Legal rules differ across many relevant dimensions, in particular in international comparison. It is simply very difficult to draw the lines in each of them by variable definitions. As suggested by Siems, it is overly-simplistic to examine how different legal families shape finance.\textsuperscript{40} Furthermore, the causal link between the rise of dispersed ownership, strong shareholder protection, and the development of stock markets may not be apparent.\textsuperscript{41} They convincingly co-exist. In addition to the empirical evidence by La Porta and colleagues, as observed by Black, a ‘strong markets’ equilibrium works in the following way:

Strong investor protection produces high prices, which encourage honest companies to issue shares. This increases share prices and encourages more honest issuers to issue shares. Outside investors then generate political support for strong investor protection.\textsuperscript{42}

In contrast to La Porta and others’ account, Coffee and Cheffins have shown, in the UK and the US the opposite sequence that financial markets developed first, and then created a political demand for investor protection.\textsuperscript{43} Further, as indicated by Dam, securities markets did blossom in the US and the UK in the nineteenth and early twentieth centuries before modern securities regulation was introduced.\textsuperscript{44} Unfortunately, the unregulated markets were vulnerable to various forms of manipulation and abuse. As a result, in the US, Federal intervention in the 1930s by introducing the Securities Act of 1933 and the Securities Exchange Act of 1934 was justified by a contention of market failure.\textsuperscript{45} To improve on La Porta and colleagues’ research design, by using time series dataset, John Armour and colleagues find no evidence of a positive impact of legal changes on stock market development, despite agreeing that common law systems were more protective of shareholder interests than civil law ones.\textsuperscript{46} Despite that the conclusion from where ‘law matters’ is far from clear, the study by La Porta and colleagues has phenomenally started a new branch of legal scholarship known as ‘Law and Finance’, which seeks to unearth the correlations between law and financial development.\textsuperscript{47} We seek to contribute to this field by studying the law-finance-growth nexus in the context of Africa through this article.

3. Aligning Economic and Financial Development in Africa

\textsuperscript{40} Siems (2007), \textit{supra} note 38.
\textsuperscript{42} Black (2001), \textit{supra} note 34, p. 784.
\textsuperscript{44} Dam (2006), \textit{supra} note 35, pp. 188-189.
\textsuperscript{47} Siems (2007), \textit{supra} note 38, p. 57.
The economic development in Africa has been admittedly slow when compared to what has been witnessed on other continents (except Antarctica). Various economic benchmarks are able to illustrate this fact. The World Bank has classified its 189 member countries\(^{48}\), and all other economies with populations of more than 30,000 into several notable groups.\(^{49}\) As seen in Table 1, as of 2017, out of 79 high-income economies, only one is in Africa, which is the Seychelles. The Seychelles was moved to this group recently in 2015.\(^{50}\) But note the GNI per capita of the country in that year was USD14,680, well below the average of USD41,932 in that group. We start to see some African economies when we move down a category to the upper-middle-income group and more and more of them towards the bottom of the categories. When we look at the list of Least Developed Countries (LDCs), compiled by the UN, which are low-income countries confronting severe structural impediments to sustainable development.\(^{51}\) They are regarded by the UN as highly vulnerable to economic and environmental shocks and have low levels of human assets. The list is reviewed every three years by the Committee for Development of the UN. As of June 2017, there are currently 47 countries on the list of LDCs.\(^{52}\) Of which, 33 of them are from Africa. The most recent country off the list (from the original 48) was Equatorial Guinea on 4 June 2017.\(^{53}\) Apart from very low levels of per capita income which indicate severe financial constraints, the sole criterion used by the World Bank in its categorization, the Committee for Development identified other common features among the LDCs.\(^{54}\)

- Dominance of agriculture or primary activities in the generation of GDP and the absorption of the labor force; predominance of subsistence activities (accompanied by limited capacity for mobilizing domestic resources) with low levels of labor productivity, particularly in food production;
- Limited manufacturing and an undiversified production structure reflected in high export concentration and dependence on two or three primary commodities, and high volatility of export earnings (upon which fiscal revenues rely); LDCs therefore are

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\(^{49}\) The groups, divided according to 2015 gross national income (GNI) per capita, are: low income, USD1,025 or less; lower middle income, USD1,026-4,035; upper middle income, USD4,036-12,475; and high income, USD12,476 or more.


\(^{51}\) Three indicators selected as criteria to classify countries as LDCs are: 1) GDP per capita, which gives a general indication of the dimensions of poverty and overall level of development; 2) the share of manufacturing in GDP, which conveys information on the extent of structural transformation of the economy; and 3) adult literacy rate, which specifies the size of the base for enlarging a skilled labor force.


\(^{53}\) General Assembly Resolution A/RES/68/18 adopted on 4 December 2013, decided that Equatorial Guinea would be taken off the list three and a half years after the adoption of the resolution, i.e. on 4 June 2017.

unable to benefit from trade measures for manufacturers unless these measures are accompanied by support to stimulate industrial production and diversification;
• Low level of education and an overall shortage of skills to organize and manage development; limited capacity to absorb technological advances; poor health and nutrition outcomes;
• Lack of adequate physical and institutional infrastructure for development;
• Economically small (by population or national income), undiversified natural resource base.

Table 1: Categories of African Countries by International Organizations in 2017

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Number of Economies</th>
<th>Number in Africa</th>
<th>% in Africa</th>
</tr>
</thead>
<tbody>
<tr>
<td>World Bank</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High-income economies</td>
<td>79</td>
<td>1</td>
<td>1.2</td>
</tr>
<tr>
<td>Upper-middle income economies</td>
<td>56</td>
<td>9</td>
<td>16</td>
</tr>
<tr>
<td>Lower-middle-income-economies</td>
<td>52</td>
<td>17</td>
<td>32.7</td>
</tr>
<tr>
<td>Low-income economies</td>
<td>31</td>
<td>27</td>
<td>87.1</td>
</tr>
<tr>
<td>United Nations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Least Developed Countries</td>
<td>47</td>
<td>33</td>
<td>70.2</td>
</tr>
</tbody>
</table>

Sources: World Bank and United Nations

Former UN Secretary General Kofi Annan once said 67 per cent of all problems dealt with by the UN were African problems.\(^{55}\) In April 1998, as a response to a request from the UN Security Council, he presented a report, entitled ‘The Causes of Conflict and the Promotion of Durable Peace and Sustainable Development in Africa’, to discuss the origins of Africa's political and economic problems and characterize the situation at that point.\(^{56}\) He rightly pointed out that the framework of colonial laws and institutions which African states inherited following a decolonization movement had been designed to exploit local divisions, but not overcome them.\(^{57}\) On the issue of economic growth, Annan emphasized the need of ‘creating a positive environment for investment’ to produce sustained economic growth.\(^{58}\) The measures suggested in the report were roughly coinciding with the study of institutions discussed above, which proposedly include ‘predictable policies, economic deregulation, openness to trade, rationalized tax structures, adequate infrastructure, transparency and accountability, and protection of property rights’.\(^{59}\)

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\(^{58}\) *Ibid.* para. 81.

\(^{59}\) *Ibid.*
Infrastructure here in the report predominantly pointed to the likes of transport, telecommunications and schools, but the importance of legal institutions and economic infrastructures was also briefly mentioned. In the context of this article, Allen and colleagues criticize that Africa as a continent has been most underdeveloped in terms of finance. In general, the banking sector in Africa is much shallower and less penetrated than those in other major regions of the world, as evidence by a common indicator of financial deepening, i.e. domestic credit to the private sector as a percentage of GDP (see Table 2). Meanwhile, there have been some positive developments. Firstly, there has been an increasing presence of foreign banks in the region, apparently indicating an increasing degree of openness of the financial sector, as well as investor confidence in the region. Secondly, Allen and colleagues particularly point out the highly sophisticated banking system of the Seychelles as one ‘similar to that found in most developed countries’. This view clearly sits well with the economy’s status as a high-income economy as defined by the World Bank, the only one in Africa.

Table 2: Domestic Credit to the Private Sector as a Percentage of GDP in Selected Regions in 2014

<table>
<thead>
<tr>
<th>Region</th>
<th>Domestic Credit to Private Sector as a Percentage of GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa</td>
<td>0</td>
</tr>
<tr>
<td>Latin America &amp; Caribbean</td>
<td>20</td>
</tr>
<tr>
<td>High Income: OECD</td>
<td>140</td>
</tr>
</tbody>
</table>


With respect to stock markets, since its foundation in 1993, the African Stock Exchanges Association (ASEA) has promoted not only the development of stock exchanges, but also cooperation among them. As of June 2017 the Association is represented by 27 Exchanges serving 32 African countries. Almost all stock exchanges in Africa are members of the ASEA, 63

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with the exceptions of Somalia\textsuperscript{64} and Algeria\textsuperscript{65}, as well as the second and younger exchanges in countries such as Nigeria\textsuperscript{66} and Uganda\textsuperscript{67}. The number of stock exchanges in the region has been rising quite steadily over the years with 6 in 1989, 19 in 2000 and slightly more than 30 nowadays.\textsuperscript{68} The oldest one is the Egyptian Exchange in Cairo which traced its origins to 1883 when the Alexandria Stock Exchange was established, closely followed by the Johannesburg Stock Exchange (JSE) in South Africa which was formed in 1887.\textsuperscript{69} Not only is the JSE one of the oldest, it is also the largest bourse in the region and is currently ranked the 19th largest in the world by market capitalization.\textsuperscript{70} In Bank of America Merrill Lynch's survey of the world markets (see Figure 1), the US, with a market capitalization of USD17.9 trillion, is the biggest and represents 53.4 per cent of the total size of the markets in the world. The next largest equity markets are Japan, UK, France, Switzerland, Germany, and China. South Africa is the only African country that can make it onto the map amongst the world’s leading markets.

\textbf{Figure 1 – Relative Size of the Stock Markets in the World (according to Free-Float Equity Market Capitalization in Billions of US Dollars Measured by the MSCI)}

\begin{center}
\includegraphics[width=\textwidth]{figure1.png}
\end{center}

\textsuperscript{64} The Somali Stock Exchange is the first ever stock exchange to operate in Somalia. The Exchange began selling its first shares in on 1 September 2015 at the exchange's headquarters in Garowe, Somalia. See Somali Stock Exchange, \textit{About Us} (2017), available at: \url{http://www.somalistockexchange.so/about-us}.

\textsuperscript{65} The Algerian Stock Exchange (\textit{SGBV Bourse d'Algérie} in French) in Algiers was launched for trading in July 1999. See Algerian Stock Exchange, \textit{SGBV} (2017), available at: \url{http://www.sgbv.dz/?page=rubrique&lang=eng&mod=116}.

\textsuperscript{66} The main stock exchange in Nigeria, the Nigerian Stock Exchange, located in Lagos, was founded in 1960, and is a founding member of the ASEA. In contrast, Abuja Securities & Commodity Exchange was established in 1998 and is based in Abuja, Nigeria. See Nigerian Stock Exchange, \textit{Corporate Overview} (2017), available at: \url{http://www.nse.com.ng/about-us/about-the-nse/corporate-overview} and the website of the Abuja bourse is available at: \url{http://www.abujaicomex.com}.

\textsuperscript{67} The national stock exchange, the Uganda Securities Exchange, was founded in 1997. Its younger counterpart, ALTX East Africa Exchange, was created in 2014. Both are located in Uganda’s capital, Kampala. See Uganda Securities Exchange, \textit{Background} (2017), available at: \url{https://www.use.or.ug/content/background} and ALTX East Africa Exchange, \textit{About Us} (2017), available at: \url{https://www.altxafrica.com/about-altx}.


\textsuperscript{70} Johannesburg Stock Exchange (2017), supra note 69.
On the other hand, considering that there are 54 African countries and there are only some 30 stock exchanges on the continent, there must be a number of these countries which do not have a stock exchange. According to the investigation by Investment Frontier in July 2014, of the roughly 200 nations (both official and partially recognized) in the world, 40 of these countries did not have a stock exchange. A number of them were in Africa, especially the more populated ones. It is worth noting that Ethiopia, with a population of 88 million, is the largest country in the world without a stock exchange. In contrast, even with a population of merely 93,186, the Seychelles still has its own stock exchange, Trop-X. Since 2014, some of those 40 countries have already launched an exchange or planned to launch one, such as Somalia and Angola. Furthermore, it is worth noting that Regional Securities Exchange (Bourse Régionale des Valeurs Mobilières, in short BRVM) and Centrale Africa Stock Exchange (Bourse des valeurs Mobilières de l’Afrique Centrale, in short BVMAC) are organized to serve multiple countries. To provide a snapshot of the African stock exchanges as of the end of 2016, see Figure 2 below. We will proceed to look the story of selected countries below.

**Figure 2: African Stock Exchanges according to Market Cap at 31 December 2016**

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73 The website of Trop-X is available at: <https://www.trop-x.com>.


3.1 The Seychelles

As mentioned before, in July 2015 the Seychelles reached high-income status, after average GNI per capita reached USD13,710 in 2013-14. It is the only African country which has made such an achievement. According to the African Development Bank, the country experienced robust economic growth during the period averaging 5.3 per cent in 2011 to 2015, with the traditional tourism and fisheries sectors as the main drivers of economy.\footnote{African Development Bank, \textit{Seychelles Economic Outlook} (2017), available at: <https://www.afdb.org/en/countries/east-africa/seychelles/seychelles-economic-outlook/>} Poverty rates in
Seychelles are amongst the lowest in the world outside the OECD countries. Despite being praised by Allen and colleagues as having a sophisticated banking system comparable to the most developed world, the IMF identified certain shortcomings of the system in 2000. First, there was very limited bank lending to the private sector, compared with other countries at a similar level of development. Second, the sector was dominated by state-owned financial institutions. Third, there was excess liquidity in the banking system and limited demand for credit. However, at that time, the system was essentially sound and profitable with non-performing loans below 5 per cent of loans outstanding for all banks. Nowadays, as observed and pointed out by Allen and colleagues, most Seychellois have access to their own bank accounts, automatic teller machines, credit and debit cards. All types of account are available including current, fixed deposits, call deposits, savings schemes, loan accounts, and all major credit cards are represented. As reported by the Central Bank of Seychelles, there has certainly been a year-on-year increase in the demand for loans, especially in key economic sectors (see Table 3). As shown in the Table, a substantial proportion of outstanding loans have always gone to the tourism sector. Furthermore, there has been a notable four-fold increase in loans to the manufacturing sector, demonstrating a growing shift of the economy to production. Meanwhile, stock market is not a major landscape in the allocation of national capital. As of May 2017, the domestic exchange Trop-X has 10 listed companies only, with a total market capitalization of USD11.1 million (as a comparison, just 0.001 per cent, 0.018 per cent and 0.03 per cent of the size of the Johannesburg Stock Exchange, Bourse de Casablanca, and the Egyptian Exchange, the top three exchanges in Africa).

Table 3 - Loans and Advances to Various Economic Sectors in the Seychelles

<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Currency Loan</td>
<td>655.2</td>
<td>646.4</td>
<td>1,124.1</td>
<td>1,163.7</td>
<td>1,174.0</td>
</tr>
<tr>
<td>Agriculture and horticulture</td>
<td>20.1</td>
<td>17.5</td>
<td>31.8</td>
<td>49.6</td>
<td>61.5</td>
</tr>
<tr>
<td>Fisheries</td>
<td>17.3</td>
<td>15.0</td>
<td>37.4</td>
<td>52.1</td>
<td>44.9</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>37.5</td>
<td>33.8</td>
<td>57.0</td>
<td>102.3</td>
<td>184.2</td>
</tr>
<tr>
<td>Real Estate</td>
<td>310.2</td>
<td>423.3</td>
<td>564.8</td>
<td>649.7</td>
<td>636.5</td>
</tr>
<tr>
<td>Construction</td>
<td>294.8</td>
<td>388.1</td>
<td>341.8</td>
<td>376.1</td>
<td>444.0</td>
</tr>
<tr>
<td>Transportation</td>
<td>119.1</td>
<td>179.7</td>
<td>165.5</td>
<td>177.9</td>
<td>172.5</td>
</tr>
<tr>
<td>Tourism Facilities</td>
<td>689.0</td>
<td>548.9</td>
<td>930.8</td>
<td>986.1</td>
<td>959.7</td>
</tr>
<tr>
<td>Wholesale &amp; Retail trade</td>
<td>186.2</td>
<td>202.4</td>
<td>338.6</td>
<td>404.9</td>
<td>495.9</td>
</tr>
<tr>
<td>Financial institutions</td>
<td>n.a</td>
<td>n.a</td>
<td>4.7</td>
<td>2.0</td>
<td>0.9</td>
</tr>
<tr>
<td>Other business</td>
<td>514.1</td>
<td>403.4</td>
<td>410.9</td>
<td>343.6</td>
<td>447.6</td>
</tr>
<tr>
<td>Private households &amp; Non-profit organisations</td>
<td>664.7</td>
<td>763.4</td>
<td>947.7</td>
<td>998.3</td>
<td>1,096.5</td>
</tr>
<tr>
<td>Mortgage loans</td>
<td>427.6</td>
<td>452.8</td>
<td>480.7</td>
<td>503.0</td>
<td>578.4</td>
</tr>
</tbody>
</table>

Figures do not necessarily add up due to rounding off
1 End of period
2 Changes in previous figures are due to revisions

79 Ibid. para. 35.
81 Data from the World Federation of Exchanges.
3.2 South Africa

According to the categorization of the World Bank, South Africa is just an upper-middle-income economy. Its economic performance struggled recently with GDP growth declined from 1.5 per cent in 2014 to 1.3 per cent in 2015, with further weakening expected. The South African economy moved into recession with the reported decrease of 0.7 per cent in GDP during the first quarter of 2017, following a 0.3 per cent contraction in the fourth quarter of 2016. The African Development Bank indicates that electricity shortages, low commodity prices and low consumer and business confidence continues to restrain the growth of economic activity. Historically, South Africa’s economy was primarily built on primary and secondary industries, such as mining and manufacturing, but in recent decades, in line with global developments, growth has shifted to the tertiary industries. Currently, industries that contribute to the economy include finance, real estate and business services, manufacturing, and wholesale and retail trade. Unemployment remains one of the key challenges faced by South Africa. The unemployment rate increased to 27.7 per cent in the first quarter of 2017, the highest since 2003. In the face of the uncertain economic outlook and the resulting weakening of the South African government's credit profile, Moody’s downgraded the credit rating of South Africa’s top five banks in 2017. At the same time, Moody’s also downgraded 10 South African regional and local governments and three development finance institutions. Shortly before that, Fitch and Standard and Poor’s, the other two main global ratings agencies, had already downgraded South Africa to junk status. Despite recent ratings downgrades, South Africa still has a well-developed banking system. South African banks hold the first six places among the top 100 banks on the African continent. Four large banks dominate, with Standard Bank of South Africa, Nedbank, ABSA (Amalgamated Bank of South Africa, now owned by Barclays), and FirstRand Bank collectively accounting for around 85 per cent of banking services in South Africa. At the same time, there are approximately 70 foreign banks operating in South Africa.

Along with a well-developed banking system, there is the largest stock market in Africa. As of May 2017, the Johannesburg Stock Exchange had a market capitalization of USD1 trillion,
around 10 times the size of the Bourse de Casablanca and the Egyptian Exchange combined, which are already the second and third largest exchanges on the continent.\textsuperscript{92} The JSE was founded on 8 November 1887.\textsuperscript{93} The Stock Exchange Control Act, which was the first legislation covering financial markets was promulgated in 1947. The JSE joined the World Federation of Exchanges in 1963 and in 1993 it became a founder member of the ASEA. The JSE demutualized and incorporated in South Africa as the JSE Limited (a public unlisted company) on 1 July 2005, and listed on its own exchange the next year. Nowadays, as of May 2017, there are 375 listed companies on the exchange. Some of these are global corporate giants such as BHP Billiton, British American Tobacco and SAB Miller.\textsuperscript{94} It is worth noting that for BHP Billiton and British American Tobacco, their presence in JSE may be merely one of their multiple listings around the world. However, for the case of SAB Miller, it does have a South African root, with SAB actually standing for South African Breweries. As mentioned before, the JSE is currently ranked the 19th largest in the world by market capitalization. Located in the most vibrant market in Africa, the JSE is starting to face some new competition. ZAR X, self-described as ‘a low-cost, simple and convenient trading platform that empowers ordinary South Africans with shareholdership opportunities’, and the 4 Africa Exchange, backed by one of South Africa’s richest black families, the Maponya Group, both were granted a license by the Financial Services Board of South Africa in 2016 to start trading.\textsuperscript{95} Furthermore, there were three applications under the Financial Markets Act for licensed exchanges in 2016 including AX2, YPN Exchange and the Equity Express Stock Exchange. According to Rossouw, indeed the JSE has little to worry about in terms of competition and the competition is good for investors so as to put a limit on the ability of a monopoly stock exchange to charge inflated prices for trading and settlement services.\textsuperscript{96}

3.3 Morocco

The World Bank has put Morocco in the lower-middle-income economies group.\textsuperscript{97} According to the African Development Bank, Morocco is posting balanced macroeconomic results, thanks to country’s proactive policy of improving the business climate to help to transform its economic model.\textsuperscript{98} On the one hand, major steps were taken in the legal and fiscal domains and in exchange regulations. On the other hand, major public investments are moving forward, such as the Nador West Med port, TGV high-speed train, Noor solar complex, Kenitra Atlantique port. It is worth noting that growth has relied on the agricultural sector. It was

\textsuperscript{92} Data from the World Federation of Exchanges.

\textsuperscript{93} Johannesburg Stock Exchange (2017), \textit{supra} note 69.

\textsuperscript{94} For a full list, refer to Johannesburg Stock Exchange, \textit{Find an Equity Issuer} (2017), available at: <https://www.jse.co.za/current-companies/companies-and-financial-instruments>.


\textsuperscript{97} Other African countries in the group include Cabo Verde, Cameroon, Republic of the Congo, Côte d’Ivoire, Djibouti, Egypt, Ghana, Kenya, Lesotho, Mauritania, Nigeria, São Tomé and Príncipe, Sudan, Swaziland, Tunisia, and Zambia.

estimated that agriculture contributed to half of the 6.5 per cent GDP growth in 2001. Even in 2016, low rainfall was expected to have a strong effect on this sector, with knock-on effects for GDP growth. According to the IMF, Morocco’s financial system is bank-dominated and highly concentrated. Furthermore, Moroccan banks have expanded both domestically and regionally since the global financial crisis. Banks have significantly widened their range of products and services, which has led to increased bank penetration (63 per cent of total population now has a bank account compared to 43 per cent in 2008). Also, the three largest Moroccan bank groups have expanded rapidly abroad, notably in Sub-Saharan Africa. It is worth noting that despite being an Islamic country, Morocco did not have an Islamic financial institution until very recently. The first Islamic bank in Morocco, Ummia Bank, opened its doors in 2017 after the country's central bank finally approved requests to open Islamic financial institutions in the beginning of the year. On the other hand, Morocco has a sizable stock market, which is the second largest in Africa. Bourse de Casablanca was established in 1929. As of May 2017, the bourse had a market capitalization of USD60 billion, with 75 listed companies. It is dominated by large banks and telecommunication firms. Finance, telecommunication, and construction firms account for nearly 70 per cent of total capitalization; the three largest banks alone account for 30 per cent. Despite the fact that it is already the second largest stock market in Africa, Bourse de Casablanca was downgraded to ‘frontier market’ status from ‘emerging market’ by index provider MSCI in 2013, due to lack of market liquidity. To revive the market, Morocco's government was planning to allow foreign companies to list on the Casablanca stock exchange and creating a second market dedicated to small and medium-sized businesses. On accommodating foreign issuers, clearly Bourse de Casablanca has not acted as quick as the JSE. Since 2004, foreign firms has been allowed to list on the JSE, subject to foreign exchange rules, which limited the amount of these equities that local investors could hold. In 2011, further reform was witnessed to alter South Africa’s listing rules, allowing foreign domiciled companies to be treated as domestic listings. The lifting of these restrictions may provide one good explanation as to why the JSE is leading in Africa, but not its counterparts like Bourse de Casablanca.

100 African Development Bank (2017), supra note 98.
102 Ibid.
104 Ibid.
106 Data from the World Federation of Exchanges.
107 IMF, supra note 101.
3.4 Egypt

Egypt is categorized as a lower-middle-income economy by the World Bank along with Morocco. Despite a lengthy political transition following President Mubarak’s removal from office in 2011, the African Development Bank is cautiously optimistic about Egypt’s economic outlook largely owing to the government’s ability to deliver on its policy reforms and growth strategy.\(^{109}\) Egypt’s antiquities are not only part of its cultural heritage, but also represent an important economic asset that creates jobs and income. Tourism has historically accounted for about 13 percent of the Egyptian economy and a corresponding amount of employment.\(^{110}\) Unfortunately, tourism performance has weakened amidst prolonged political instability and high threat of terrorism. Various investment projects, like the establishment of a space program in 2016, are regarded as one of the moves by the government to buoy its economy, plug the financial gap caused by a huge drop in tourism and survive a foreign exchange crisis.\(^{111}\)

According to the investigation by the World Bank in 2006, banking played a central role in Egypt’s financial system, accounting for more than 60 percent of financial assets.\(^{112}\) The Egyptian banking system currently consists of 40 banks. The National Bank of Egypt, Bank Misr, and Banque Du Caire are large public sector banks which control 40 percent of the banking sector.\(^{113}\) Domestic credit to private sector in 2015 was 26.5 percent of the GDP, around the level of the Seychelles (24.2 percent), but much lower than Morocco (64.3 percent) and South Africa (148.7 percent), indicating low level of financial resources provided to the private sector by financial institutions.\(^{114}\) Generally, it is believed that the higher the financial resources or financing flowing to the private sector in a country is, the greater is the prospective opportunity for the private sector to develop and grow. At the same time, it has a smaller stock market than Morocco and South Africa, it is prudent to say that Egypt does not have the same financial depth of the two countries. For a quick comparison of the countries discussed, see Table 4. As mentioned, the Egyptian Stock Exchange is one of the oldest in the region. In July 1961, when the state-sanctioned demise of Egypt's private sector came, the Cairo & Alexandria Bourses (the predecessors of the Egyptian Stock Exchange and had already merged) was the fourth largest in the world.\(^{115}\) Nowadays, despite being smaller than Bourse de Casablanca, it has a larger number of listed companies (254 as opposed to 75) as well as more vibrant trading, and as a result is on the MSCI’s Emerging Markets list together with the JSE.\(^{116}\)

| Table 4 - Selected Economic and Financial Indicators of the Countries Discussed |
|-------------------------------------|----------------|----------------|-----------------|-------------|
|                                    | Seychelles | South Africa | Morocco         | Egypt       |


\(^{114}\) Data from the World Bank.

\(^{115}\) Egyptian Stock Exchange (2017), *supra* note 69.

\(^{116}\) Data from the World Federation of Exchanges; also see *supra* note 106.
<table>
<thead>
<tr>
<th>GNI per capita (2015, USD)</th>
<th>14,680</th>
<th>6,080</th>
<th>3,030</th>
<th>3,340</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic credit to private sector as % of GDP (2015)</td>
<td>24.2%</td>
<td>148.7%</td>
<td>64.3%</td>
<td>26.5%</td>
</tr>
<tr>
<td>Market Cap of Domestic Stock Exchange (2017, USD Million)</td>
<td>11.1</td>
<td>1,064,733</td>
<td>60,090</td>
<td>37,540</td>
</tr>
<tr>
<td>Market Cap as % of 2015 GDP</td>
<td>0.77%</td>
<td>338.47%</td>
<td>59.74%</td>
<td>11.35%</td>
</tr>
</tbody>
</table>

Sources: World Bank and World Federation of Exchanges

4. Law-Finance Nexus in Africa

The market as an invisible hand guides participants in well-functioning market economies to allocate resources in ways that achieve economically efficient outcome. As discussed before, certain empirical evidence has shown that there is a positive correlation between regulation and the depth of stock market.117 Does it mean that there should be an intense degree of regulation for a market to succeed? In fact, the starting point of regulation should be that there is no need to regulate unless there is a failure of markets.118 Historically, the idea of investor protection stemmed from the risk of fraudulent or opportunities behavior in the financial markets, making a case of a body of rules to exist to properly govern the financial markets and listed companies.119 La Porta and colleagues argue that optimal regulatory arrangements can be distilled down to three broad hypotheses.120 The very liberal approach implies that the optimal government policy is to leave securities markets unregulated because the market and some general legal mechanisms are sufficient for the markets to prosper.121 A less liberal approach suggests law is necessary owing to the consideration of enforcement costs and opportunistic behavior of market players. One option is the standardization of the private contracting framework to improve market discipline and private litigation through securities law. Ultimately, governmental intervention may be desirable when all existing markets, legal mechanisms and private enforcement incentives are deemed insufficient. Therefore, a public enforcer is needed to support trade. Public enforcement may work because the enforcer is independent and focused.122 If regulation is necessary, two major objectives of regulation are: (1) to ensure that the prices of publicly traded securities are reasonably well-informed and (2)

117 See Section 2.2 of this article.
120 La Porta et al. (2006), supra note 36, pp. 1-3.
121 This theory is advocated by Chicago school of economists such as Ronald Coase. In this situation, issuers of securities have an incentive to disclose all available information to obtain higher prices simply because failure to disclose would cause investors to assume the worst. Furthermore, auditors and underwriters can credibly certify the quality of securities to safeguard their reputation.
to ensure that public shareholders are protected by effective corporate governance arrangements once they become shareholders.123

A typical regulatory system of capital market entails three tiers of regulation.124 Company law represents the bottom tier of regulation as it applies all companies, both public and private companies. Securities law represents the second tier of regulation, in that it is only relevant to companies which issue securities to the public. Listing rules represent the top tier of regulation and are relevant only to the relatively small group of companies whose securities are admitted to listing. Together, there are dedicated regulators who oversee the market. They are normally the exchanges themselves and a separate specialized public agency, such as the Securities and Exchange Commission of the US.

World Bank’s Doing Business project provides the measures of business regulations and their enforcement across 190 economies.125 It covers 11 indicator sets. Amongst which, the Protecting Minority Investors indicator is perhaps the most relevant in the context of this article. The minority investor protection index measures the extent of protection from conflicts of interest and shareholders’ rights in corporate governance.126 The higher the index indicates a better protection of investors’ interests. The maximum score is 10. OECD high income countries on average gets a score of 6.5 in 2017. In contrast, Sub-Saharan African countries get an average score of 4.3 and the remaining six countries in North Africa get an even lower average of 3.93, lower than other regions in the world (see Table 5).

Table 5 - Shareholder Protection Index (Average Score: Max 10) in Selected Regions

<table>
<thead>
<tr>
<th>Region</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Saharan Africa</td>
<td></td>
</tr>
<tr>
<td>North Africa Only</td>
<td></td>
</tr>
<tr>
<td>South Asia</td>
<td></td>
</tr>
<tr>
<td>Middle East &amp; North Africa</td>
<td></td>
</tr>
<tr>
<td>OECD high income</td>
<td></td>
</tr>
<tr>
<td>Latin America &amp; Caribbean</td>
<td></td>
</tr>
<tr>
<td>Europe &amp; Central Asia</td>
<td></td>
</tr>
<tr>
<td>East Asia &amp; Pacific</td>
<td></td>
</tr>
</tbody>
</table>


Looking at the performance of individual countries where there is an active stock market and also available data, South Africa, with the most vibrant exchange in the region, is rightly the most protective of investors (see Table 6). Quite equally protective of investors is Nigeria.

126 Important parameters include the extent of disclosure, director liability, shareholder rights and suits, etc.
However, it only has the fourth largest stock exchange in the region with a market cap of around USD30 billion. This is also illustrated from Table 6. The Egyptian Stock Exchange is the third largest, however, the shareholder protection index of Egypt is just 4.8, lower than almost all countries which have a shallower exchange towards the bottom of the Table except Tanzania. Likewise, Morocco has a fairly respectable score of 5.3, however this performance is still not as good as Nigeria, Botswana and Namibia, all of which again with a shallower market. But just looking at the three top performers, South Africa, Nigeria, and Mauritius, it can easily be assumed that their corporate and financial regime may have a notable British root. This is largely consistent to the view that common law systems were more protective of shareholder interests than civil law ones. Whilst the story of South Africa is to be discussed further below, Nigeria had essentially adopted the laws in the UK directly until the first corporate statute was enacted in 1912 and since then the country has continually been influenced by the UK. For example, the Companies Ordinance 1922 of Nigeria was based on the UK Companies Act of 1929. Likewise, the 1968 law was mainly based on the UK Act of 1948. Meanwhile, it is worth noting from Table 6 that, although Mauritius, with the second best score of 6.5, has a British colonial origin, its legal system is indeed a ‘civil legal system based on French civil law with some elements of English common law’ as influenced by its earlier colonial ruler. The colonial origin-development nexus in Africa is indeed complex. Colonialism may have long gone but the British influence persists. One notable influence is the global concern on corporate governance, arguably triggered by the Cadbury Report in the UK. According to the European Corporate Governance Institute which makes available the full texts of corporate governance codes, principles of corporate governance and corporate governance reforms around the world, a number of Africa countries have their own corporate governance codes, especially those higher up in Table 6. According to the Global Financial Centre Index, only Casablanca and Johannesburg, which incidentally are the largest markets in Africa, are featured in the list, illustrating perception from global investors on the two countries’ conditions such as institutional and regulatory environment, as better than the rest of Africa.

127 Data from World Federation of Exchanges.
128 Armour et al. (2009), supra note 46.
131 CIA (2017), supra note 129.
134 See ECGI, Index of All Codes (2017), available at: <http://www.ecgi.org/codes/all_codes.php>. With respect to the countries in Table 6, those without a code include BRVM members, Botswana, Ghana, Namibia, Uganda, Tanzania, Zambia and Zimbabwe, mostly bottom of the Table.
The following subsections will proceed to look at the legal institutions supporting the markets in specific countries.

### Table 6 - Various Features of Selected African Countries

<table>
<thead>
<tr>
<th>Market Cap</th>
<th>Minority Shareholder Protection Index</th>
<th>Colonial Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Africa</td>
<td>&gt; $100bn</td>
<td>7.0 British</td>
</tr>
<tr>
<td>Morocco</td>
<td>$30 - $100bn</td>
<td>5.3 French</td>
</tr>
<tr>
<td>Egypt</td>
<td>$6 - $30bn</td>
<td>4.8 British</td>
</tr>
<tr>
<td>BRVM members</td>
<td>(Côte d’Ivoire)</td>
<td>4.0 Mostly French</td>
</tr>
<tr>
<td>Kenya</td>
<td>$6 - $30bn</td>
<td>5.3 British</td>
</tr>
<tr>
<td>Mauritius</td>
<td>$6 - $30bn</td>
<td>6.5 British</td>
</tr>
<tr>
<td>Nigeria</td>
<td>$6 - $30bn</td>
<td>6.5 British</td>
</tr>
<tr>
<td>Tunisia</td>
<td>$6 - $30bn</td>
<td>4.7 French</td>
</tr>
<tr>
<td>Botswana</td>
<td>$1-$6bn</td>
<td>6.0 British</td>
</tr>
<tr>
<td>Ghana</td>
<td>$1-$6bn</td>
<td>5.3 British</td>
</tr>
<tr>
<td>Namibia</td>
<td>$1-$6bn</td>
<td>5.5 German</td>
</tr>
<tr>
<td>Uganda</td>
<td>$1-$6bn</td>
<td>5.0 British</td>
</tr>
<tr>
<td>Tanzania</td>
<td>$1-$6bn</td>
<td>4.0 British</td>
</tr>
<tr>
<td>Zambia</td>
<td>$1-$6bn</td>
<td>5.3 British</td>
</tr>
<tr>
<td>Zimbabwe</td>
<td>$1-$6bn</td>
<td>5.2 British</td>
</tr>
</tbody>
</table>


### 4.1 The Seychelles

As a former British colony, the Seychelles became independent in 1976. Despite being described as a ‘mixed legal system of English common law, French civil law, and customary law’, the laws of commerce and banking are mainly based on statutes which originated in the common law system.\(^\text{136}\) Local companies are incorporated under the Companies Ordinance 1972, which was recently amended in 2012.\(^\text{137}\) It is worth noting that there is a separate regime governing foreign companies, which are regulated by the International Business Companies Act 2016 (formerly the International Business Companies Act 1994).\(^\text{138}\) According to the OECD, between 2005 and 2012, the number of international business companies incorporated in Seychelles increased from 25,000 to more than 108,000, making the Seychelles the second jurisdiction in the world after the British Virgin Islands for the number of international business companies incorporated.\(^\text{139}\) This has coincided with the government’s commitment to grow the Seychelles as an offshore financial center.\(^\text{140}\) As a stock market which was launched towards

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\(^{137}\) Companies Ordinance (Amendment) Act 2012 is available at: <https://www.seylii.org/sc/legislation/consolidated-act/40>.

\(^{138}\) The Act is available at: <https://www.seylii.org/sc/legislation/act/2016/15>.

\(^{139}\) OECD (2013), *supra* note 136, para. 33.

\(^{140}\) *Ibid.* para. 32.
the end of 2012 and with only 10 companies currently, there is not much to say about it and its regulation. The legal foundation for the securities exchange had been laid earlier with the passing of the Securities Act 2007.\footnote{141} The Seychelles Financial Services Authority, established under the Financial Services Authority Act 2014, is the regulator of the market.\footnote{142} Listing rules are issued by the exchange, Trop-X. There is not yet a code of corporate governance.

4.2 South Africa

Similarly, as a former British colony, South Africa has received much influence from its colonial ruler.\footnote{143} Company law has existed in South Africa since 1861, beginning with the Joint Stock Companies Limited Liabilities Act of 1861 of the Cape Colony which was essentially a mirror of the English Joint Stock Companies Act 1856. The first national company law, the Union Companies Act, was introduced in 1926, which was amended from time to time along the lines of the latest English legislation. The 1926 Act was then replaced by the Companies Act of 1973. South African company law ‘remains much in the mold of English law’.\footnote{144} The current version is the Companies Act of 2008, replacing the 1973 Act. According to the Department of Trade and Industry, the new Act is intended to achieve multiple purposes such as ‘encouraging transparency and high standards of corporate governance’, ‘balancing the rights and obligations of shareholders and directors in companies’ and ‘encouraging the efficient and responsible management of companies’.\footnote{145} Amongst numerous changes, a notable one is the codification of directors’ duties, which is contained in Section 76(3) of the Act. This change is in line with what has been witnessed in the UK.\footnote{146} For simplicity, it may be advisable to refer to various indices to see how the South African company law has fared against other jurisdictions. As said before, with a minority shareholder protection score of 7 given by the World Bank, it is the highest in Africa. Although it is not as good as the top 5 of the world, largely composed of former British colonies such as Singapore and Hong Kong, plus the UK at sixth, it is already better than some advanced economies such as France, Germany, Japan and the US.\footnote{147} A further insight can perhaps be drawn from another dataset charting legal change over time in shareholder protection, prepared by Cambridge’s Centre of Business Research.\footnote{148} Of the sample of 30 countries, South Africa is the only one in Africa. The five countries with the biggest increase in shareholder protection over the 24-year period of study between 1990 and 2013 were China (+7.85), Slovenia (+6.88), Russia (+5.6), the Netherlands (+5.5) and Estonia (+5.25). Meanwhile, South Africa has experienced a modest jump (+1.865). This illustrates that South Africa may not have done as good as fellow emerging countries like China and Russia, but it has already fared better against those top countries in 1990, i.e.

\footnote{142} The regulator’s website is at: <http://www.fsaseychelles.sc/index.php/about-us>.
\footnote{144} Ibid. p. 12.
\footnote{146} I. Esser and J. Coetzee, Codification of Directors' Duties, 12 Juta's Business Law Review, no. 1 (2004), 26-31. See also ss 171-177 of the Companies Act 2006 of the UK.
\footnote{147} World Bank (2017), supra note 125.
Malaysia, France, the US, the UK and Japan, which have had a slight increase (+0.93) on average.

As discussed before, investor protection is not only provided by company law, but securities law and listing rules as well. The earliest attempt to regulate the stock market in South Africa was in 1947 when the Stock Exchange Control Act was introduced. In 2004, the Securities Services Act was enacted to consolidate previous laws relating to the regulation and control of exchanges and securities trading, such as the Stock Exchange Control Act 1985 and the Insider Trading Act 1998. The current law is the Financial Markets Act of 2012 which replaced the Securities Services Act of 2004. The purpose of this new law is four-fold: to increase market confidence; to promote investor protection; to reduce systemic risk and promote the international competitiveness of the market. The importance of it is about alignment. Firstly, it seeks to align financial markets regulation to the Companies Act 2008. Secondly, it seeks to ensure that the legislative and regulatory framework is brought in line with the recommendations of international standard setting bodies such as the G20, Financial Stability Board, Basel Committee on Banking Supervision and the International Organization of Securities Commissions. Further, there are some other efforts from South African government to enhance its stock market. As discussed, foreign firms have been allowed to list on the JSE since 2004. The 2011 decision to allowed foreign companies to be treated as domestic listings have made the JSE a more attractive destination for foreign listings. The change allowed foreign companies to be treated as domestic listings and therefore the limitations on the amount of foreign equities that local investors could hold were effectively lifted. Also, there have been prominent efforts of enhancing corporate governance in South Africa. Immediately after the Cadbury Report in the UK in 1992, the Institute of Directors in Southern Africa established in July 1993 the King Committee on Corporate Governance. The King Committee produced the first King Report on Corporate Governance which was published on 29 November 1994. The King Committee on Corporate Governance launched the second report in 2002 and the third report in 2009. Section 8.63 of the JSE Listing Rules requires all listed companies to report on the application of the King Report and Code on Corporate Governance. This ‘comply or explain’ approach is yet another example of how South Africa has learned from the UK system. The JSE is clearly well managed as it has been

149 Johannesburg Stock Exchange (2017), supra note 69.
150 Preamble and Schedule to Section 117 of the Act.
154 See supra note 108 and the accompanying texts above.
156 The Cadbury Report was the first time ever that the need for flexibility and experimentation in corporate governance was considered by coming up with the policy of ‘comply or explain’. This policy has had a profound impact on worldwide corporate governance, not just on common law systems. See Financial Reporting Council, Comply or Explain: 20th Anniversary of the UK Corporate Governance Code (2012), p. 8, available at: <https://www.frc.org.uk/Our-Work/Publications/Corporate-Governance/Comply-or-Explain-20th-Anniversary-of-the-UK-Corpo.aspx>.
ranked first out of over 100 countries for regulation of securities exchanges for a number of consecutive years by the World Economic Forum’s Global Competitiveness Report.  

4.3 Morocco

As a former French colony, from 1922 until 1997, Moroccan public companies were governed exclusively by French law. A dahîr (Royal Decree) of 1922 applied the relevant provisions of the French commercial statute of 24 July 1867 to Morocco. Towards the end of the last century, the much needed modernization of Moroccan company law came on 2 July 1996. Law 17-95 was adopted, which again mirrored the French company law of 24 July 1966. It is still the current law in Morocco, as amended in 2008 and 2015. For example, the amendments in 2015 aim to improve the legal framework of public limited companies by fostering greater transparency for listed companies. There is a separate Law 05-96 for private companies. According to a corporate governance survey undertaken by the OECD in 2005, it highlighted the fact that due to the limited number of listed companies (54 at that time; 75 now in 2017), banks had a key role in promoting good corporate governance as opposed to the market. Fast-forward 10 years to look at a report by the European Bank for Reconstruction and Development, on the one hand, it praised the adoption of a Corporate Governance Code in 2008 by the National Corporate Governance Commission, which took into account of the OECD’s Principles of Corporate Governance. On the other hand, the code is merely providing a set of recommendations and exists in isolation that the listing rules do not require companies to comply with the Code, not even on a ‘comply or explain’ basis. This echoes its minority shareholder protection score of 5.3 given by the World Bank, which is mediocre. In terms of securities regulation, the first comprehensive reform was witnessed in 1967, almost four decades after the stock market had been established. As of today, key laws in this area include Law 1-93-211 relating to the Stock Exchange, Law 1-13-21 relating to the L’Autorité Marocaine du Marché des Capitaux (AMMC; formerly Conseil Déontologique des Valeurs Mobilières, CDVM until 2016) as the market regulator and information required of corporate entities making a public share offering, and Law 26-03 relating to public offerings. According to the OECD, the investigation and sanctions powers of the regulatory authority (CDVM at

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159 Ibid.


163 Ibid.

that time) should mean it has the capacity to fulfil its duties in a professional and objective manner.\textsuperscript{165}

4.4 Egypt

A fairly poor shareholder protection score of 4.8 given by World Bank should presumably present a pessimistic picture about the situation in Egypt. The two crucial pieces of legislation in Egypt in the context of this article are the Company Law of 1981 and the Capital Market Law of 1992, together with the Corporate Governance Code of 2016.\textsuperscript{166} Before these laws, in the beginning of the twentieth century, Egyptian joint stock companies could only be incorporated by a Khedivial Decree (Article 46 of the Mixed Code of Commerce and Article 40 of the Native Code of Commerce).\textsuperscript{167} The first Commercial Code in Egypt was promulgated in 1883 by French lawyers.\textsuperscript{168} In 1947, the Company Law was passed by the Egyptian Parliament, which was intended to increase the participation of Egyptians in business, thereby causing foreign discontent.\textsuperscript{169} In relation to the Capital Market Law, its predecessor was the Stock Exchange Law of 1957. One important point of the legal change in 1992 was the introduction of Capital Market Authority (CMA; now Egyptian Financial Supervisory Authority, EFSA). The Corporate Governance Code was first adopted in 2005 and then revised twice in 2011 and 2016.

According to the assessment by the European Bank for Reconstruction and Development, there are certain notable shortfalls in the Egyptian system.\textsuperscript{170} As for the corporate governance code generally, pretty much like Morocco, the compliance is entirely voluntary. Only two of the ten largest listed companies provided a ‘comply or explain’ section with their annual reports.\textsuperscript{171} The code’s effectiveness would be greatly increased if its application were required for listed companies under the ‘comply or explain’ basis. This means that although the Corporate Governance Code, for example, recommends that boards should be comprised of a majority of independent non-executive members, audit committees seem to lack the necessary independence to make them effective.\textsuperscript{172} Furthermore, corporate transparency remains problematic.\textsuperscript{173} As reported by the World Bank, both financial and non-financial information of listed companies is not easily accessible by investors.\textsuperscript{174} However, the Egyptian market still

\textsuperscript{165} OECD (2005), supra note 161.
\textsuperscript{167} M. McIlwraith, The Status of British Companies in Egypt, 12 Journal of the Society of Comparative Legislation, no. 1 (1911), 85-94.
\textsuperscript{171} Ibid. p. 17.
\textsuperscript{172} Ibid. p. 5.
has the strength of a high institutional investor participation rate (close to 30 per cent) over illiquid markets such as Morocco. Institutional investors can fill the void left by inadequate rules and play a monitoring role.

5. Conclusion

Research has long emphasized the important of institutions to economic growth. It is safe to assume that Africa, as the most underdeveloped part of the world, lack those institutions. In general, this is true. The only notable financial market in Africa is South Africa. The others are almost negligible globally. Worryingly, most Africa countries, again with the exception of South Africa, do not have a well-developed banking system to fill the void of a stock market as the institution to channel national capital to the entrepreneurs. Apparently, by having a strong banking sector and a vibrant stock market, it can be assumed that South Africa must be the most developed country in the region. Unfortunately, it is not true. The Seychelles is the wealthiest country in Africa. It has neither of the strengths of South Africa. The banks there have not channeled enough capital to the private sector to foster economic growth. Its stock market is very new with just 10 listed companies at the moment. Considering the story of the Seychelles, finance apparently is not essential for prosperity. Of course, the caveat here is, the Seychelles can simply be an exception. Further, looking at Morocco and Egypt, despite having the largest stock markets (just behind South Africa), they are indeed not the wealthiest in the region. There are eight more African countries above them, in addition to the Seychelles and South Africa, in the high income and upper-middle income categories when Morocco and Egypt are just lower-middle income economies according to the World Bank’s benchmarks.

Turning to the legal factors, first looking at Africa as a whole, the inadequacy of shareholder protection overall in the region fits well with the fact that the continent is quite backward in both economic and financial development. Law indeed can explain the growth stories of both the Seychelles and South Africa. The Seychelles may not have the deepest financial sector, however, it is capable of attracting a lot of foreign companies to incorporate there. It, as a former British colony, is apparently developing along the line of other common law tax havens such as the British Virgin Islands, Bermuda and the Cayman. South Africa also sits well with the idea that common law is capable of providing superior shareholder protection, thereby making people feel more comfortable to invest in equity. Of course, a counter argument can be the question of why Morocco and Egypt, by having an essentially Napoleonic civil law system, can have a more vibrant financial sector than other common law countries in Africa. One convenient explanation is, the exchanges in Egypt, Morocco and South Africa are incidentally the oldest in Africa. It can be just about the time they have existed, thereby building up a trusted brand name. Another point is, indeed Nigeria is not too far behind Egypt by having the fourth largest exchange in the region. The common law advantage is not absolute but can still be true. This perhaps points us back to the beginning of this article that there is a need to examine a package of institutional factors, such as law, finance, politics, trade, culture, technology, etc.


177 See supra notes 1 to 8.
education, and colonial origin to provide a more convincing and comprehensive account of growth. Relying on one or two of them, like law and finance only in this article, is often inconclusive. This article hopes to open further debate on ways to explore this topic, no matter in the context of Africa or other regions. \textsuperscript{178}

6. References


\textsuperscript{178} For example, a wider array of institutional factors has been examined in the context of Asia, see F. Huang and H. Yeung, \textit{Institutions and Economic Growth in Asia} (Abingdon: Routledge, 2018). Singapore has devoted considerable efforts in strengthening their institutional advantages, which convincingly explain why it has one of the highest GDP per capita in Southeast Asia, only behind Macau (arguably an exceptional case benefiting solely from the gambling sector).


