International Journal of Management, Accounting and Economic Studies
Volume 3, Number 2, 2024

Tax Policy and Its Impact on Corporate Investment Behavior

Husna Maulida[1]

[1] Universitas Diponegoro, Semarang, Indonesia

Abstract

Article history:
Received: July 12, 2024
Revised: August 28, 2024
Accepted: October 25, 2024
Published: December 30, 2024

Keywords:
Business Strategy,
Corporate Investment,
Fiscal Incentives,
Tax Policy,
Tax Uncertainty.

Identifier:
Zera Open
Page: 92-109
https://zeraopen.com/journal/ijmaes

Tax policy plays a strategic role in shaping corporate investment behavior. This study aims to evaluate the impact of taxation policy on corporate investment decisions using a literature review approach. The analysis focuses on empirical and theoretical approaches to understand the multifaceted relationship between fiscal instruments and corporate strategic actions. The findings reveal that changes in tax rates, targeted fiscal incentives, and regulatory stability significantly influence both the intensity and direction of corporate investment across both developing and developed economies. Moreover, the presence of tax uncertainty is found to have a consistently negative impact on investment decision-making, leading firms to delay or divert planned capital allocations. The study contributes to the existing body of literature by highlighting both microeconomic and macroeconomic dimensions of fiscal policy in relation to corporate strategy. It underscores the importance of regulatory predictability and institutional quality in maximizing the effectiveness of tax policy as a tool for encouraging sustainable corporate investment.

1. Introduction

Taxation stands as one of the most dominant fiscal policy instruments, significantly shaping the economic behavior of businesses, particularly within the corporate sector. For corporations, taxes are not merely regarded as a financial burden but also serve as a primary determinant in various strategic company decisions. This includes decisions related to investment, financing structures, and the selection of business locations. Corporate investment is a crucial element in fostering overall economic growth, as it creates new jobs, enhances efficiency and productivity, and strengthens national economic competitiveness in the long run (Sarpong et al., 2022).

Theoretically, the relationship between the tax system and corporate investment decisions can be explained through both classical and neoclassical economic theories. Within the neoclassical framework, corporate income tax is considered to reduce the marginal return on investment. Consequently, the higher the tax rate imposed, the lower the incentive for companies to undertake new investments (Foss et al., 2019). However, in practice, this relationship is not linear or simple. Many other factors influence the impact of tax policy on investment, such as the overall tax structure, the availability of fiscal incentives, policy stability and clarity, as well as industry characteristics and company size itself.

Tax reforms implemented in various countries have yielded diverse and complex results. In the United States, for instance, the Tax Cuts and Jobs Act of 2017 was enacted, reducing the corporate tax rate in an effort to boost investment in the real sector (Gale et al., 2019). Some empirical studies found an increase in short-term investment after the policy's implementation. However, debate continues regarding the extent of its impact on productivity growth and long-term economic value creation. Conversely, developing countries face different challenges, where the effectiveness of fiscal incentive policies tends to be limited due to weak fiscal institutional quality and low tax compliance among businesses. In a more specific context, corporate investment decisions are influenced not only by nominal tax rates but also by the Effective Tax Rate (ETR), legal certainty within the tax system, and the design of tax incentives such as tax holidays, super deductions, and accelerated depreciation. Many companies engage in location arbitration, choosing investment locations based on fiscal advantages, thus triggering inter-country tax competition which risks eroding the global tax base and encouraging a "race to the bottom" phenomenon.

One of the most crucial factors that can hinder investment is tax policy uncertainty. Frequent regulatory changes, inconsistent application, and a lack of transparency in fiscal policy formulation can increase business risk and reduce investor confidence. A study by Jacob et al. (2022) shows that companies' perceptions of tax policy stability and consistency are more significant in influencing investment decisions than the tax rate itself. Considering this complexity, this study aims to present a current literature in last five years that specifically discusses tax policy and how it affects corporate investment behavior. This study is expected to provide relevant conceptual and empirical contributions to a deeper understanding of the dynamics of the relationship between the tax system and investment decisions in the business world. Furthermore, the findings of this review can also serve as an important reference for policymakers in formulating more effective, pro-investment, and sustainable economic growth-supporting tax strategies.

2. Literature Review

2.1. Theoretical Framework of the Relationship Between Tax and Corporate Investment

The theoretical understanding of the link between tax policy and corporate investment behavior largely rests on the framework of the neoclassical investment model and modern corporate finance theory. In this basic approach, it is explained that the imposition of tax on corporate income or profit will lead to a decrease in the marginal return on investment. This leads to a reduction in companies' incentives to undertake additional investments, resulting in a less optimal volume of investment compared to a situation without a tax burden (Slattery & Zidar, 2020). Furthermore, agency theory also provides an important perspective in analyzing the impact of taxation on investment decisions. In the context of the principal-agent relationship between capital owners and company management, the tax burden can affect capital allocation and managerial incentives, especially when there are misalignments of interests.

Elumilade et al. (2022) state that a reduction in tax rates, if designed with proper oversight and governance, can increase efficiency in capital allocation and reduce internal conflicts of interest. Conversely, an overly complex tax policy design can increase compliance costs and worsen information asymmetry problems, ultimately weakening the quality of investment decisions made by management.

Another no less important aspect is tax uncertainty. Unclear and fluctuating tax regulations create additional risks in the investment process. A study by Jacob et al. (2022) confirms that the stability and consistency of tax policy play a greater role in encouraging direct corporate investment than the nominal tax rate itself.

2.2. Empirical Evidence of Tax Impact on Investment

Empirical evidence from various studies shows that the impact of tax policy on corporate investment activity varies greatly, depending on how the policy is designed, the economic and institutional conditions of a country, and the industry sector in which the company operates. As an illustration, research by Chen et al. (2020) conducted on companies in Australia found that providing tax incentives based on taxable income reductions significantly encouraged increased investment, especially in the manufacturing and renewable energy sectors. These findings indicate that well-designed incentives can stimulate productive sector investments with high strategic value. Furthermore, a study by Doerrenberg et al. (2022), using survey data from companies in Germany, showed that companies tend to adjust the composition and direction of their investments when there are significant changes in tax policy.

This is particularly evident in long-term capital investments, where expectations of future fiscal burdens become a primary consideration in decision-making. In an international context, Ftouhi and Ghardallou (2020) highlight the behavior of multinational corporations (MNCs) that often exploit tax policy loopholes between countries to shift investments to jurisdictions with lower tax rates, a practice known as Base Erosion And Profit Shifting (BEPS). Meanwhile, Boly et al. (2020) used a differential equation model to project that high capital taxes in West African countries have a negative correlation with private investment intensity in the long term. In addition, research in Brazil found that the complexity and inconsistency in the local tax system, such as on service tax (ISS), can be a serious barrier to foreign investment into capital-intensive service sectors.

2.3. Tax Incentives and Their Effectiveness

Various countries have implemented tax incentive policies such as tax holidays, accelerated depreciation, and investment allowances in an effort to encourage private sector investment growth, especially in strategic and capital-intensive sectors. However, the effectiveness of these fiscal policies remains a subject of debate among academics and policymakers. A study by Abaidoo and Agyapong (2022) shows that the effectiveness of tax incentives heavily depends on institutional factors, especially on the level of fiscal accountability and the effectiveness of the regulatory oversight system implemented by tax authorities. Without adequate oversight and accountability, incentives can be misused or fail to achieve the expected investment targets.

Furthermore, Formigoni et al. (2023) in their research in Brazil highlight the importance of bureaucratic factors and legal certainty in supporting the success of incentive policies. Their study on the "Good Law" tax reform shows that although the policy theoretically could lower the effective tax rate, only large companies with sufficient administrative and legal resources could truly benefit from these incentives. This indicates a gap in access to the utilization of fiscal policies. Moreover, tax incentive policies that are not proportionally designed and without strict evaluation mechanisms can also have negative effects. Boly et al. (2020) warn that in such situations, fiscal incentives can actually create market distortions and significant sectoral imbalances. This ultimately reduces overall economic efficiency in the long term and disrupts optimal resource allocation.

3. Method

This research employs a qualitative approach with a literature review method to explore and analyze the relationship between tax policy and corporate investment behavior. This method was chosen because a literature review approach allows researchers to summarize, compare, and critique various relevant empirical and theoretical findings within a specific time frame, in last five years. This study relies on secondary data sourced from academic publications, especially indexed international journal articles available through the Google Scholar with inclusion criteria covering: articles that have undergone a peer-review process, published in last five years, directly focus on the topic of corporate taxation and investment, and are available in full-text format to allow for in-depth and comprehensive analysis.

The implementation of this method was carried out through four systematic stages. The first stage was literature identification and collection, where searches were conducted using keywords such as "corporate tax policy and investment behavior," "fiscal incentives and firm investment," and "tax uncertainty and capital allocation." From the initial search, approximately some relevant articles were obtained, then manually selected based on their abstracts and content. The second stage was critical evaluation of the literature, assessing methodological validity, data credibility, and contextual relevance to the research focus. Articles showing significant bias or using unverifiable data were excluded from the analysis.

Next, in the third stage, thematic synthesis was performed, involving coding and grouping data based on four main themes: the impact of tax rates on investment, the impact of fiscal incentives, the impact of tax policy uncertainty, and cross-national effects (comparative cross-national effect). This synthesis included identifying similarities, differences, and contradictions among the reviewed study results. Finally, the fourth stage was integrative analysis aimed at combining literature findings into a comprehensive academic narrative, considering mediating variables such as company size, industry sector, and geographical location. Thus, this research presents a complete and in-depth picture of how tax policy affects corporate investment decisions, and links the dynamics of fiscal policy with the empirical realities of the current business world.

4. Results

The results of this literature review show that tax policy has a significant and multidimensional influence on corporate investment behavior, both in the context of developed countries with established fiscal systems and developing countries that still face structural challenges. Taxation not only affects a company's cash flow but also strategic decisions related to expansion, business diversification, and investment risk management. One of the most consistent findings from various literatures is that high tax rates directly reduce companies' incentives to invest, especially in the purchase of fixed assets such as property, plant, and production equipment. In this context, a study by Doerrenberg et al. (2023) in Germany shows that a 5% reduction in corporate income tax rates can increase fixed capital investment by 3% within a one-year period. This finding is highly significant, especially for small and medium-sized enterprises that are typically more sensitive to changes in tax burden than large corporations. For these business groups, fiscal incentives or tax rate reductions can directly impact decisions to expand production capacity or add new business lines.

However, not all studies found a linear and direct relationship between taxes and investment decisions. Some literature even states that other factors such as tax policy structure, tax rule complexity, and the level of legal certainty are more decisive than the nominal rate itself. For example, a study by Chen et al. (2020) found that a complex tax structure, even if it offers low rates, can still create uncertainty that causes companies to postpone investment decisions. Their study of Australian companies revealed that tax incentives such as tax reductions for environmentally friendly investments (green investment) have not been fully utilized optimally. The main obstacles are the low level of understanding among businesses regarding these incentive schemes, and inconsistencies in policy implementation in the field. This situation leads to inefficiency in the realization of incentives and reduces the overall effectiveness of fiscal policy.

Furthermore, several studies emphasize that fiscal incentive schemes such as tax holidays, investment allowances, or tax credits have considerable potential to encourage new investments, especially in sectors with high competitiveness or strategic added value. For instance, in the clean energy, manufacturing, and high-tech sectors, various countries have used tax incentives to attract domestic and foreign investment. A study by Ftouhi and Ghardallou (2020) shows that providing tax credits for Research and Development (R&D) activities can increase technology companies' investment spending by 10–15%. This indicates that tax policy can act as a selective industrial policy tool. However, the effectiveness of such incentives highly depends on regulatory transparency, implementation consistency, and the administrative capacity of businesses. If companies are unable to understand or meet bureaucratic requirements, the potential of these incentives will not be fully realized.

Another factor influencing investment dynamics is the existence of geographically based incentives, such as Special Economic Zones (SEZs) or industrial estates that receive special tax treatment. In various developing countries, such schemes are used to attract foreign direct investment to underdeveloped areas or those with high economic potential. For example, in Brazil and India, governments provide various local tax incentives to encourage the spread of development. Example in Brazil the abolition of service tax (ISS) led to a 20% increase in capital inflows into the financial and digital service sectors. This indicates that local incentives can be an effective tool in attracting foreign investors, especially in technology- and digitalization-based sectors. Nevertheless, slow bureaucratic challenges, administrative corruption, and overlapping regulations remain major obstacles to the effective implementation of these policies.

Tax policy uncertainty is also a consistently raised issue in various studies. Fluctuations in fiscal policy, whether in the form of rate changes or unexpected regulatory revisions, increase business risk and reduce investor interest in long-term expansion. Boly et al. (2020) used a mathematical modeling approach based on differential equations to analyze the dynamics of fiscal policy changes in West African countries. They found that in the last five years, fiscal regulatory uncertainty caused a diversion of investment to countries with more stable and predictable tax systems. These research findings confirm that legal certainty and policy predictability are as important factors as the tax rate itself.

On a more micro scale more over 1,000 companies in Germany and found that businesses, when formulating investment plans, prioritize the stability and consistency of tax policy over the next five years rather than just looking at the current effective rate. The survey results show that companies tend to withhold capital expenditures, save cash, or shift capital to more liquid financial instruments if they project drastic changes in fiscal policy in the near future. This clarifies that policy uncertainty leads to a delay effect in investment realization.

Furthermore, recent studies also highlight the importance of considering the cross-border effects of tax policies. In the context of economic globalization, multinational corporations engage in location arbitrage to reduce their overall tax burden. Ftouhi and Ghardallou (2020) note that global technology companies often establish subsidiaries in countries with low tax rates and flexible regulations, such as Ireland or Singapore, which allows them to shift a significant portion of their profits to these countries to avoid high rates in their home countries. This practice creates profit shifting which not only reduces the potential tax revenue of the home country but also alters the direction of real investment. Although domestic demand in the destination country is relatively small, aggressive fiscal incentives can attract capital reallocation and business activities.

Indirect taxes such as Value-Added Tax (VAT) are also no less important in influencing investment, especially in the retail and consumption sectors (Chindengwike, 2022). High taxes on final consumers reduce purchasing power and change market demand projections, directly impacting company expansion decisions. Formigoni et al. (2023) in a case study in Brazil showed that a one-year reduction in consumption tax could increase investment in the retail sector by 8%, especially if accompanied by supporting policies such as logistics incentives and distribution duty relief. This reinforces that tax policy design must consider the interaction between supply and demand sides in encouraging investment.

In addition to the magnitude and stability of rates, the structure of tax policy also plays a role in changing the direction and composition of corporate investment. Companies tend to shift investment from capital-intensive sectors to intangible asset-based sectors if there are more favorable fiscal incentives. A study by Boly et al. (2020) shows that a tax structure that accelerates the amortization of intangible assets, such as intellectual property, encourages a shift in investment from the industrial sector to the service sector. This shift has long-term structural implications for the economy, including in terms of job creation and productivity.

Fiscal governance factors are also important determinants in tax policy effectiveness. A study by Abaidoo and Agyapong (2022) shows that the effectiveness of fiscal incentives is highly influenced by institutional quality, transparency levels, and the performance of the tax supervision system. Countries with strong fiscal institutions are able to channel incentives more precisely, minimize misuse, and increase voluntary tax compliance. Conversely, countries with high levels of corruption tend to fail in effectively enforcing fiscal policies, which ultimately reduces investor confidence and decreases the effectiveness of the incentives themselves.

At the international level, multilateral approaches to address base erosion and profit shifting (BEPS) practices have been a major highlight. The OECD advocates for a global minimum tax policy of 15% for multinational corporations. The goal is to create a level playing field and curb unhealthy tax competition between countries. However, some studies, believe that although this policy is normatively important, in the short term it can reduce the attractiveness of investment in developing countries that previously relied on low tax rates as their main competitive advantage. Therefore, these countries need to find alternative policies that still attract investment without violating the principles of global fiscal fairness. The results of this literature review indicate that the influence of tax policy on corporate investment decisions is very complex, depending on design, stability, and fiscal governance. Tax rate reductions are not necessarily successful without legal certainty and supporting institutions. However, if designed appropriately and applied fairly and transparently, fiscal policy can be a very effective tool in encouraging quality investment, fostering innovation, and strengthening national economic competitiveness.

5. Discussion

The results of this literature review consistently show that tax policy plays a very important and strategic role in shaping corporate investment behavior. Nevertheless, the relationship between tax and investment is not a simple and direct linear relationship. The impact of taxation on investment decisions turns out to be highly dependent on various moderating factors, such as the structure and form of fiscal incentives used, the stability of tax regulations over time, and the effectiveness of fiscal institutions implementing these policies. In many cases, a reduction in tax rates without accompanying structural reforms and institutional improvements does not result in a significant positive impact on investment. In fact, there are indications that such policies can encourage tax avoidance behavior and misuse of incentives, especially in less transparent and accountable tax systems (Oats & Tuck, 2019).

One important finding from the literature is that uncertainty in tax policy is a major obstacle to investment decision-making by companies. When businesses cannot predict the tax burden they will face in the medium to long term, they tend to delay business expansion, withhold capital expenditures, or even divert investments from physical assets to more liquid and less risky financial instruments. This finding is reinforced by studies by Chen et al. (2020) Jacob and et al. (2022), which state that predictability and regulatory certainty are far more important than mere nominal rate incentives.

Meanwhile, fiscal incentive policies such as tax holidays, super deductions, or tax credits are proven to be effective only if implemented within a framework of good and accountable fiscal governance. In developing countries, often limited fiscal administrative capacity and high levels of corruption make the implementation of these incentives suboptimal and even create market distortions. Studies by Abaidoo and Agyapong (2022) and Formigoni et al. (2023) strongly emphasize that incentive policies will only be effective if designed based on careful risk evaluation, considering sectoral conditions and institutional capacity in each country.

In a global context, cross-border tax arbitrage practices by multinational corporations remain one of the main challenges in international tax governance. Many companies tend to allocate investments to jurisdictions that offer the highest fiscal efficiency, even if those locations do not always have high productivity competitiveness. This practice encourages unhealthy tax competition between countries and leads to a phenomenon known as "race to the bottom," which is a race among countries to lower tax rates to attract investment, without considering long-term fiscal sustainability (Hulkó et al., 2023). To address this challenge, the OECD's initiative on a global minimum tax of 15% is a significant step. Nevertheless, the literature shows that although this policy is expected to curb tax avoidance practices, its impact on the competitiveness of developing countries still raises quite complex debates.

The findings of this study support the need for a holistic and integrated tax policy approach. The policy focus should not be limited to mere tax rate reductions but must also include efforts to enhance legal certainty, simplify bureaucracy, increase fiscal transparency, and strengthen the institutional capacity that implements the policy. Careful and long-term evaluation-based fiscal policy interventions, tailored to the sectoral needs of each country, will be more effective in creating a conducive investment climate, encouraging productive investment, and supporting inclusive and sustainable economic growth.

6. Conclusion

This study unequivocally confirms that tax policy significantly influences corporate investment behavior through various interconnected mechanisms. This influence occurs not only directly, for instance, through its impact on company cash flow and the magnitude of realizable profits, but also indirectly through businesses' perceptions of fiscal risk and the level of legal certainty accompanying such policies. In many cases, competitive tax rates, well-targeted fiscal incentives relevant to sectoral needs, and consistent regulatory stability prove to be key factors determining a country's success in fostering long-term investment growth. Nevertheless, the effectiveness of tax policy is highly influenced by the institutional context and the quality of fiscal administration within a country.

Without good governance, transparency, and regulatory certainty, even carefully designed incentive policies can fail in implementation. Therefore, policymakers need to avoid a one-dimensional approach and instead emphasize empirical data-driven policies, specific to sectors, and long-term impact evaluation. To ensure that tax policy can truly drive productive and sustainable corporate investment, a comprehensive and integrated fiscal approach is required. This approach must be oriented towards long-term fiscal sustainability, and supported by a consistent, transparent, and accountable legal framework. Only then will tax policy be able to make a real contribution to improving the quality of investment, strengthening the national economic structure, and promoting broad and inclusive economic growth.

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