

CHANGES IN CORPORATE TAX SYSTEMS ACROSS THE NORDIC COUNTRIES

Tomáš Mazán

Bratislava University of Economics and Business, Slovakia

This study examines the development of corporate taxation in Sweden, Norway, and Finland, focusing on its impact on selected macroeconomic indicators. It applies a combination of comparative and trend analysis based on secondary statistical data from reputable institutions such as the OECD, Eurostat, and the World Bank. The findings suggest that a gradual reduction in corporate tax rates, when combined with sound fiscal discipline, can stimulate economic growth and enhance the competitiveness of the business environment. The results highlight the relevance of the Nordic model as a potential framework for designing effective and sustainable tax policies within today's globalized economy. The analysis also reveals that long-term tax stability and predictable legislative environments are key to fostering investor confidence and supporting long-term economic planning. Over the observed period, the Nordic countries exhibited strong economic resilience, largely attributed to their balanced approach to taxation and robust institutional frameworks. The study contributes to a more profound understanding of the mechanisms linking corporate tax policies with sustainable economic growth. By analyzing the interaction between taxation and macroeconomic performance, it offers practical advice to policymakers seeking to align national tax systems with the dual objectives of fiscal sustainability and economic competitiveness.

Keywords: corporate tax; Nordic countries; tax; macroeconomic indicators; tax system; competitiveness

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Tomáš Mazán

Ing., MSc., Faculty of Economics and Finance, Bratislava University of Economics and Business, Slovakia

Research interests: business administration, corporate performance, management

E-mail: tomas.mazan@euba.sk

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Introduction

Tax policy is one of the most powerful instruments a government can use to influence the domestic business environment, economic growth, and market behavior. Within this framework, corporate income tax plays a particularly significant role, as it directly impacts profit incentives, investment decisions, and a country's competitiveness in today's globalized economy. Over the past few decades, there has been a notable trend of declining corporate tax rates across nearly all OECD countries.

This shift is often driven by governments seeking to attract foreign capital and stimulate domestic investment. It is closely linked to the processes of globalization, digital transformation, and the growing mobility of businesses, which increasingly choose their headquarters based on favorable tax regimes. However, the question of whether tax reforms deliver the expected positive effects on GDP, employment, and foreign direct investment remains a relevant and debated issue.

This study analyzes the development of corporate taxation in three selected Nordic countries - Finland, Norway, and Sweden - and compares it with key macroeconomic indicators. Despite their shared regional characteristics, we selected these countries for their long-standing tax stability, transparency in public finance, and diverse approaches to economic policy. The Nordic countries traditionally combine strong institutional quality with a moderate tax burden, making them an ideal context for examining the relationship between tax policy and economic performance. Remarkably, despite relatively high public spending, they succeed in maintaining competitive business environments while upholding social cohesion and economic stability.

The findings of this analysis may offer valuable insights for countries dealing with economic stagnation, high unemployment, or efforts to improve their investment climate. Understanding the impact of corporate taxation on economic outcomes can contribute to more effective, balanced, and sustainable tax and fiscal policy decisions.

Materials and methods

Corporate taxation is a direct levy imposed on the profits of legal entities, forming one of the core pillars of the direct tax system alongside personal income tax. It significantly contributes to public revenue while also influencing the economic behavior and strategic decisions of businesses (Auerbach & Hassett, 2007).

Typically, it is classified as a direct, personal, and flat-rate tax, applied to taxable income as defined and adjusted by national legislation. According to the Organisation for Economic Co-operation and Development (OECD, 2023), corporate income tax targets the net income of corporations and other businesses, reflecting their ability to pay and their use of public infrastructure. As Musgrave & Musgrave (1989) explain, corporate taxation is grounded in both the benefit and ability-to-pay principles, ensuring that firms contribute fairly to the state's financial resources.

McLure (1976) adds that taxing corporations independently of their shareholders enhances equity in the tax system and helps mitigate income inequality. Beyond its fiscal role, corporate taxation is a regulatory and economic tool that affects investment behavior, capital allocation, and competitiveness.

Cnossen (2000) highlights its influence on economic growth and the business climate, while Harberger (1962) cautions about its potential to distort economic efficiency by altering the cost of capital. Historically, corporate tax has evolved in response to changes in global economics, legal frameworks, and policy priorities. Its computation involves defining the tax base, applying adjustments, determining the tax rate, and considering exemptions and international tax obligations (Kušnířová, 2024).

Thus, corporate taxation serves a dual function: financing the public sector and shaping the economic environment.

In general, tax is a mandatory, non-refundable payment established by law, which individuals or entities pay to the public budget. It is non-equivalent (taxpayers receive no direct service in return) and non-purposeful (revenues are not allocated to specific projects but to the overall public budget). Taxes may be collected regularly (e.g., annual income tax) or irregularly under specific conditions (e.g., real estate transfers).

Taxes represent a transfer of resources from the private to the public sector. The general division of public revenues is as follows:

- taxes - mandatory, non-refundable, and non-purposeful payments;
- fees - payments for specific public services, such as issuing a driver's license; they are voluntary, purposeful, and non-refundable;
- loans – credit-based, repayable funds acquired by the government, either to finance a specific project or to cover budget deficits (Válek et al., 2023; Lenartová, 2020).

In summary, taxes are essential tools for public finance, enabling the state to fund various functions while influencing economic behavior through their structure and application.

From a tax perspective, Sweden is highly favorable for businesses compared to other OECD countries. The corporate income tax rate is relatively low at 20.6% and is based solely on a company's annual profit, without additional local or licensing taxes. A major advantage is the exemption from tax on capital gains and intra-group dividends, and there are no thin capitalization rules. Moreover, Sweden has signed over 80 international tax treaties to prevent double taxation. It also provides tax relief for key foreign employees to attract international specialists (Business Sweden, 2024).

Corporate income tax applies only to companies or branches with a permanent establishment in Sweden. A Swedish company is taxed on its worldwide income. One of the most attractive features is the unlimited carry-forward of tax losses, although certain restrictions apply in the case of ownership changes. The corporate tax rate applies equally to all legal entities, regardless of size or profit, with no provisions for increasing or lowering the rate under special circumstances. Taxable income is calculated based on generally accepted international accounting standards and is determined using pre-tax accounting profit, with necessary adjustments according to Swedish tax law. An interesting feature of the Swedish system is the ability of companies to create tax allocation reserves of up to 25% of their profits.

For many years, Sweden has focused on lowering corporate tax rates to increase its attractiveness for both foreign and domestic companies, enhance competitiveness, and strengthen the national economy.

The analysis focuses on recent changes in corporate taxation in the Nordic countries and their broader economic, fiscal, and social impacts. It explores the historical evolution of corporate income tax, the driving factors behind policy shifts, and the outcomes of these reforms. Particular attention is paid to legislative adjustments and their influence on the economic environment, business activity, and international competitiveness.

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The study assesses whether substantial reductions in corporate tax rates have led to positive economic and fiscal outcomes. It also examines how Nordic countries have responded to global economic challenges and how their tax reforms have affected economic growth, employment, foreign direct investment, public finance stability, and social equity.

The main goals include:

- assessing the effectiveness of corporate tax strategies in various national contexts;
- offering insights relevant for economic policy decision-making;
- highlighting Nordic models as potential benchmarks for countries dealing with similar economic pressures.

Methodology

We applied a mixed-method approach, combining qualitative and quantitative research techniques to provide a comprehensive analysis of corporate tax reforms in selected Nordic countries. The approach integrates theoretical frameworks with empirical evidence, considering the specific economic, legal, and social conditions of each country.

Research stages

Secondary data collection:

- academic and professional literature on corporate taxation and macroeconomic policy;
- reports and datasets from international institutions such as OECD, Eurostat, and the World Bank;
- statistical data on GDP, corporate tax rates, and unemployment.

Comparative analysis:

- identification of similarities and differences in corporate tax reform strategies across Nordic countries;
- evaluation of the economic and social impacts of tax changes;
- analysis of success factors behind specific fiscal approaches.

Quantitative research:

- trend analysis of long-term developments in macroeconomic indicators such as GDP, employment, and corporate tax rates;
- comparative data evaluation between Nordic and non-Nordic countries to assess relative performance.

Contextual interpretation:

- analysis of historical developments and the specific circumstances behind policy changes;
- evaluation of economic and social effects, including business competitiveness and social equality;
- derivation of implications and potential recommendations for countries undergoing similar challenges.

Results

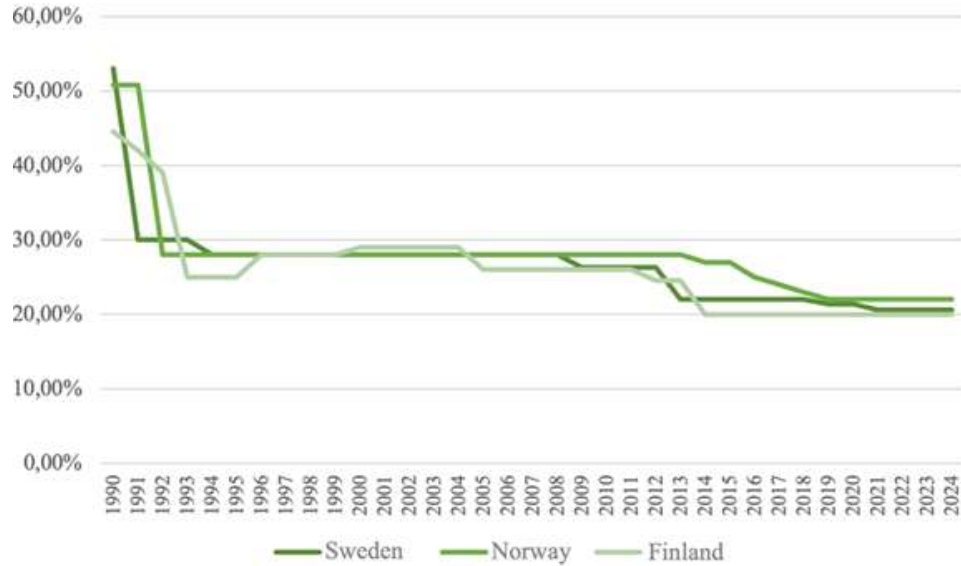


Figure 1 - Historical development of corporate tax in the Nordic countries
(source: Trading Economics, 2024)



Figure 2 - Historical development of unemployment in the Nordic countries
(source: Trading Economics, 2024)

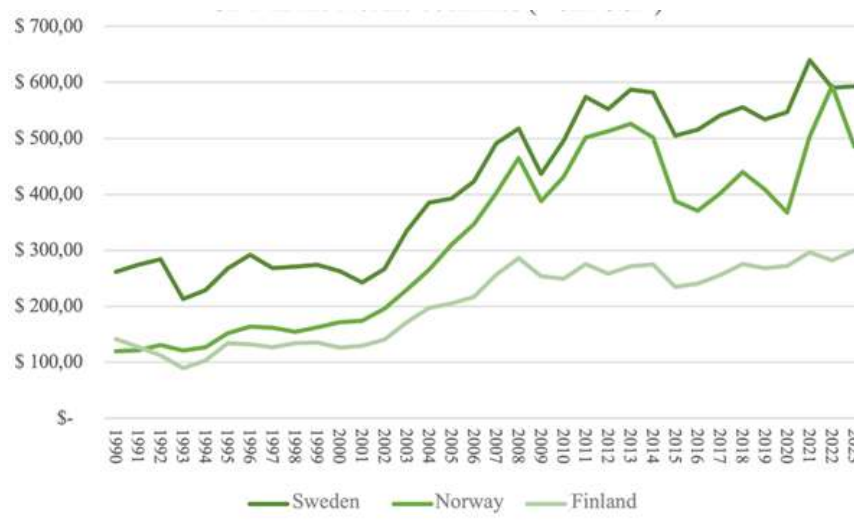
Fig. 1 illustrates corporate tax rates in the Nordic countries over the observed period. At the beginning (1990), all three countries had relatively high rates - Sweden and Norway above

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50% and Finland at 43%. Sweden recorded the highest rate of 53%, although this was not historically the peak.

Between 1991 and 1992, significant tax reforms led to sharp rate reductions across all countries to improve business competitiveness. From 1993 to 2013, rates remained relatively stable between 25% and 30%, reflecting balanced fiscal policies. However, after 2013, all three countries began reducing rates further in response to global tax competition and economic pressures. Finland reduced its rate most rapidly, dropping below 20% after 2013, while also being the only country to temporarily increase its rate during the period (from 28% to 29% in 2001).

Sweden and Norway maintained higher rates until 2016, then gradually decreased them to around 20–22%. These changes were driven by globalization, economic crises, and the need to remain competitive within the EU. Tax harmonization and the attraction of foreign investment were also key factors. Overall, all three countries followed a downward trend in corporate tax rates while preserving fiscal stability and competitiveness.



Graph 3 - GDP in the Nordic countries
(source: Trading Economics, 2023)

The historical trend of unemployment in Nordic countries highlights a connection between unemployment rates and corporate tax policy. In Sweden, unemployment fluctuated between 5% and 9% in the early 2000s, rising to around 10% during the 2008–2010 financial crisis. Following this period, corporate tax rates were reduced, and unemployment gradually declined to 6–7% by 2020, suggesting that tax cuts may have supported job growth. Finland also saw a spike in unemployment during the crisis, but unlike Sweden, it faced prolonged high unemployment until 2015.

Despite tax reforms, structural economic issues delayed improvement. Finland remains challenged by persistently high unemployment. Norway maintained the lowest and most stable unemployment, generally below 5%, with only a mild increase during the crisis. This stability is largely credited to its strong oil- and gas-based economy. Overall, the data suggest that corporate tax reductions can support employment by encouraging investment and business activity.

However, the impact varies by country and depends on broader economic and structural factors. Tax cuts alone are not a universal solution but can be effective when paired with stable economic conditions.

The economic growth of Nordic countries over recent decades has been significantly influenced by corporate tax policy. In the early 1990s, all three countries had high corporate tax rates, which were reduced around 1991–1993 to stimulate business activity. However, GDP growth was initially slow, especially in Finland, which faced a recession due to the collapse of the Soviet Union. From 1994 to 2008, tax rates stabilized (25–30%), contributing to a predictable business environment and accelerated GDP growth, particularly in Sweden and Norway.

The 2008–2010 global financial crisis caused a sharp but temporary decline in GDP, with a quick recovery supported by strong fiscal measures. After 2013, further corporate tax cuts were introduced (approaching or dropping below 20%), aiming to boost competitiveness and investment. GDP growth remained steady until the COVID-19 pandemic caused a decline in 2020–2021. A rapid recovery followed, and by 2023, Sweden and Norway reached record-high GDP levels.

The analysis suggests that corporate tax reductions can support economic growth, especially when combined with fiscal responsibility and investment in innovation and infrastructure. While tax cuts are helpful, other factors like labor markets, trade, and technological development also play a critical role.

Discussion

The analysis suggests that reducing corporate tax rates can positively influence key macroeconomic indicators, though the degree of impact is shaped by a country's specific economic conditions, market size, and institutional and regulatory environment. In Finland, a reduction of the corporate income tax rate from 24.5% to 20% in 2014 corresponded with a gradual improvement in several economic metrics. Given the relatively small size of Finland's economy, even moderate changes in tax policy can have a more noticeable effect. This case study demonstrates how tax rates can act as a flexible instrument for stimulating economic activity in smaller and more open economies.

Sweden, on the other hand, maintained a corporate tax rate below the EU average for most of the observed period. However, tax policy alone cannot account for its steady economic performance. Sweden's strong public infrastructure, highly developed innovation system, and consistent, predictable governance created a business-friendly environment that supported growth. This example illustrates that while competitive tax rates are important, they are most effective when complemented by other structural advantages that make a country attractive for economic activity.

Norway followed a similar trend of lowering corporate tax rates from 28% to 22% over several years but did not experience a comparable boost in economic outcomes. This reflects the limited role of tax incentives in economies dominated by heavily regulated and state-influenced sectors, such as oil and gas. It also suggests that in highly developed and fiscally robust countries, corporate tax policy plays a less central role in driving economic growth compared to broader macroeconomic fundamentals. A key point in this discussion is the recognition of the limitations inherent in attributing macroeconomic changes solely to tax policy.

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Economic growth, employment, and investment levels are influenced by a variety of factors, including public sector efficiency, administrative and regulatory burdens, wage levels, demographic dynamics, and global economic conditions. Tax policy is only one part of this broader framework. Despite these complexities, the overall trend observed in the Nordic countries supports the theoretical expectation that lower corporate tax rates, when part of a coherent and responsible economic strategy, can improve the overall business environment and contribute to long-term growth.

This effect is particularly visible in countries that have combined tax reductions with broader efforts to strengthen competitiveness - such as investments in infrastructure, innovation, and workforce development. In summary, corporate tax cuts alone are not a guaranteed solution for boosting economic performance, but they can be an effective component of a broader economic strategy aimed at creating a stable, attractive, and growth-oriented environment for both domestic and international business activity.

Conclusion

This analysis focused on the effects of corporate tax policy on key economic indicators in three Nordic countries: Finland, Norway, and Sweden. It examined the historical development of corporate income tax rates and their relationship with gross domestic product (GDP) and unemployment. The analysis achieved a broader understanding of how tax policy influences long-term economic performance through a combination of quantitative methods, visual data, and cross-country comparisons. All three countries significantly reduced corporate tax rates during the observed period, but with differing timing and scope.

Finland implemented the most rapid and substantial cut, reducing the rate to 20% between 2014 and 2015. Sweden followed a more gradual approach, reaching 20.6%, while Norway made the slowest and most conservative adjustments, lowering the rate from 28% to 22%. Although the final tax levels appear similar, the outcomes for each economy varied. In Finland, the reduction coincided with modest economic improvements, reflecting the potential impact of tax measures in smaller, open economies.

Sweden's long-term low rates contributed to stable economic conditions, supported by strong institutions, infrastructure, and a predictable policy environment. Norway's changes had a more limited effect, likely due to its specific economic structure, dominated by regulated and state-influenced sectors. GDP trends did not show a clear, direct link to tax rate changes.

This aligns with broader economic research, which points to the influence of multiple structural factors - including innovation, trade, and demographic developments - on economic growth. Unemployment declined in all three countries during the period between 2014 and 2019.

However, this trend is likely attributable to the broader recovery of the European economy rather than tax policy alone. The findings indicate that while lower corporate tax rates may support competitiveness and economic activity, they are most effective when part of a comprehensive policy framework. Other key factors include legal and regulatory stability, efficient public administration, and strategic support for innovation and modernization.

In this context, Finland's approach stands out for its transparent and swift implementation, combined with complementary reforms in innovation and digitalization. At the same time, tax stability was a crucial factor—often more significant to businesses than the nominal tax rate itself.

Overall, corporate tax policy can serve as an effective instrument for stimulating economic performance, but only when embedded within a broader, long-term strategy that balances competitiveness with fiscal responsibility. The experience of the Nordic countries offers practical insights into achieving such a balance.

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