

Breaking Barriers: The impact of gender equality on economic success : A comprehensive review

Samuel Asuamah Yeboah^{a*}, Diana Mogre^b

Abstract

This systematic review explores the empirical evidence on the relationship between gender equality and economic performance in developing nations, focusing on the mechanisms through which gender equality influences economic outcomes. By conducting a comprehensive search of academic databases, we identified relevant studies published between 2000 and 2023. The findings consistently reveal a positive correlation between gender equality and economic indicators such as GDP growth, labour force participation, and productivity. Key mechanisms driving these outcomes include enhanced human capital, increased labour market participation, and improved decision-making and innovation. Despite generally robust quality assessments, some studies were limited by sample size and geographic coverage. This review highlights the significant economic benefits of promoting gender equality and emphasises the need for educational and legal reforms, as well as community initiatives, to overcome challenges like cultural resistance and policy implementation barriers. Policymakers and stakeholders are urged to prioritise gender equality to fully leverage its economic potential. Further research is needed to explore long-term and sector-specific effects.

Keywords: Economic Performance, Economic Growth, Affirmative Action, Developing Nations.

Author Affiliation: ^a Department of Business and Management Studies, Sunyani Technical University, Ghana.

^b Department of General Agriculture, Faculty of Applied Science and Technology (FAST), Sunyani Technical University, Ghana.

Corresponding Author: Samuel Asuamah Yeboah. Department of Business and Management Studies, Sunyani Technical University, Ghana.

Email: nelkonsegal@yahoo.com

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1. Introduction

Gender equality has long been a focal point of international development efforts, recognized as both a fundamental human right and a critical component of sustainable development (Kickbusch et al., 2013; Sachs, 2012; Benería et al., 2015; Mensah, 2019). Various international agreements and declarations, including the United Nations' Sustainable Development Goals (SDGs), particularly SDG 5, emphasize the importance of achieving gender equality and empowering all women and girls (Onditi & Odera, 2017; Dhar, 2018; Morrow, 2018; Nanda et al., 2021; Kameri-Mbote & Kabira, 2022; Nalule, 2022; Monaco, 2024). However, significant gender disparities persist, especially in developing nations, where cultural, social, and economic barriers continue to impede progress (Croft et al., 2015; Trends, 2015; Kabeer, 2021; Okunade et al., 2023).

Economic performance, measured through indicators such as GDP growth, productivity, and labour force participation, is profoundly influenced by the

inclusivity and diversity of a nation's workforce (Vohra et al., 2015; Kemeny, 2017; Jean-Paul & Martine, 2018). Gender equality can enhance economic performance through various mechanisms, including the optimisation of human capital, increased innovation, and improved decision-making processes (Šlaus & Jacobs, 2011; Tatli et al., 2017; Hernita et al., 2021; Wang et al., 2023; Taamneh et al., 2024). By ensuring that both men and women have equal opportunities to contribute to and benefit from economic activities, countries can unlock substantial economic gains (Razavi, 2016; Kabeer, 2021; Christopherson et al., 2022).

Despite these benefits, the implementation of gender equality policies often faces resistance due to deep-seated cultural norms and institutional biases (Parpart, 2014; Hurst, 2020; Houser & Williams, 2021; Kulkarni et al., 2021; Cortis et al., 2022). Affirmative action and other gender-focused initiatives are sometimes met with skepticism or

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opposition, complicating efforts to achieve meaningful change (Jones et al., 2015; Sauer, 2018; Lormand, 2021; Brechenmacher & Mann, 2024). Understanding the empirical relationship between gender equality and economic performance is crucial for policymakers and stakeholders to design effective interventions and advocate for necessary reforms (Chant, 2012; Calkin, 2016; Schmidt & Cacace, 2019).

This systematic review aims to consolidate and analyse empirical evidence on the correlation between gender equality and economic performance in developing nations. By identifying and examining the mechanisms through which gender equality impacts economic outcomes, the review seeks to provide actionable insights and policy recommendations that can drive economic growth and development in these regions.

Gender inequality remains a significant barrier to economic growth and development in many developing nations (Antonio & Tuffley, 2014; Dormekpor, 2015; Kumari, 2018; Girón & Kazemikhasragh, 2022; Nwafor & Tariah, 2022; Enaifoghe & Durokifa, 2023). Despite global efforts to promote gender equality, disparities in education, employment, and political participation persist, limiting the economic potential of these countries (Dekker, 2013; Jayachandran, 2015; Walker et al., 2019; Kabeer, 2021). This inequality not only undermines social justice but also hampers economic performance, as half of the population is not fully utilised in the economic process (Dormekpor, 2015; Walker et al., 2019; Altuzarra et al., 2021).

While numerous studies have examined the impact of gender equality on economic performance, there is a lack of comprehensive, synthesised evidence that collates these findings in the context of developing nations. Existing literature often focuses on specific regions or sectors, leaving a gap in understanding the broader, cross-regional impacts. Moreover, the mechanisms through which gender equality influences economic performance are not uniformly understood, and the quality of evidence varies, necessitating a systematic evaluation.

Addressing these gaps is crucial for informing policymakers and stakeholders about the comprehensive benefits of promoting gender equality. A synthesised body of evidence can provide a clearer picture of the economic advantages of gender equality, supporting the formulation and implementation of effective policies. Understanding the specific mechanisms can also help in designing targeted interventions that maximise economic benefits.

2. RESEARCH OBJECTIVE

This systematic review aims to fill these gaps by collating and analysing empirical evidence on the correlation between gender equality and economic

performance in developing nations. By synthesising findings from studies published between 2000 and 2023, this review provides a comprehensive overview of the current state of knowledge. It evaluates the quality of the evidence, identifies the mechanisms through which gender equality impacts economic outcomes, and highlights the practical implications for policy and practice. This systematic approach ensures that the review offers robust, evidence-based insights to guide efforts in promoting gender equality for economic growth.

3. SPECIFIC OBJECTIVE

The primary objective of this study is to evaluate the economic impact of gender equality, focusing on how gender parity contributes to GDP growth and overall economic performance in various regions and sectors. The study examines the influence of equal access to education for women and girls on labour force participation and economic outcomes and investigates the correlation between gender diversity in leadership positions and the financial performance of firms. Additionally, the study aims to identify effective gender equality policies and their impact on economic growth, explore barriers to gender equality in education, employment, and leadership roles, and propose actionable recommendations for policymakers and corporate leaders to enhance gender equality and maximize its economic benefits.

4. RESEARCH QUESTIONS

The study addresses critical research questions to achieve its objectives. It examines how gender equality impacts GDP growth and economic performance across regions and sectors, focusing on how equal access to education for women and girls influences labour force participation and economic outcomes. The study explores the relationship between gender diversity in corporate leadership and firms' financial performance, investigating the effects of gender-diverse boards on decision-making, profitability, and corporate governance. Additionally, it analyses the effectiveness of gender equality policies, such as equal pay, anti-discrimination laws, and parental leave, in promoting economic growth and assesses how gender-inclusive workplace practices impact employee productivity and organisational performance. The study identifies the main barriers to achieving gender equality in education, employment, and leadership roles, considering cultural, social, and economic factors. Finally, it seeks to uncover best practices and successful models for promoting gender equality globally, providing specific policy recommendations to governments and corporations to enhance gender equality and maximise its economic benefits.

5. SCOPE OF REVIEW

The scope of this review encompasses a comprehensive analysis of the economic impact of gender equality. It examines the relationship between gender parity and GDP growth, focusing on various regions and sectors. The review covers the influence of equal access to education for women and girls on labour force participation and economic outcomes. It also investigates the role of gender diversity in corporate leadership, assessing how gender-diverse boards affect decision-making, profitability, and corporate governance. Furthermore, the review analyses the effectiveness of gender equality policies, including equal pay, anti-discrimination laws, and parental leave, in promoting economic growth. It evaluates the impact of gender-inclusive workplace practices on employee productivity and organisational performance. Additionally, the review identifies barriers to achieving gender equality in education, employment, and leadership roles, considering cultural, social, and economic factors. Finally, it seeks to uncover best practices and successful models for promoting gender equality globally and provides policy recommendations to governments and corporations.

6. LIMITATIONS

The limitations of this study are multifaceted, beginning with data availability and quality. The review may be constrained by the accessibility and reliability of data concerning gender equality and its economic impacts across different regions and sectors. The inconsistency or incompleteness of this data could compromise the accuracy and comprehensiveness of the analysis, leading to potential gaps in the findings. This limitation is particularly significant in areas where data collection methods are underdeveloped or where the information is not systematically gathered.

Another critical limitation arises from regional and sectoral differences. Gender equality practices and economic conditions can vary significantly between regions and sectors, which may affect the applicability of the review's findings. For instance, what works in one region or sector might not necessarily be effective in another due to differences in cultural, social, and economic contexts. Consequently, the results of the review may not be universally applicable and must be interpreted with caution in light of these variations.

The challenge of distinguishing between causality and correlation is also a notable limitation of this study. Establishing a direct causal relationship between gender equality and economic outcomes is inherently difficult due to the complex interplay of various factors. As a result, the review might be limited to identifying correlations between these variables rather than establishing definitive causality. This limitation underscores the importance of considering

the broader context in which gender equality initiatives are implemented.

Policy implementation variability further complicates the analysis. The effectiveness of gender equality policies can differ significantly based on how they are implemented and enforced across different regions and organisations. The review may not fully account for these variations, leading to potential discrepancies in the assessment of policy effectiveness. This variability highlights the need for a nuanced approach when interpreting the impact of gender equality policies on economic outcomes.

The evolving nature of gender equality issues presents another limitation. Gender equality is a dynamic field with continuously emerging issues and challenges. As new developments arise, the review may not fully capture these changes, which could affect the relevance and accuracy of its findings. This limitation emphasises the importance of ongoing research and updates to ensure that the analysis remains current and reflective of the latest trends.

The scope of the review is also limited by the breadth of literature it encompasses. The review relies on existing literature, which may contain gaps or biases that could influence the overall analysis. Certain studies or reports might not be accessible or included, thereby restricting the comprehensiveness of the review. This limitation suggests that the findings should be interpreted with an awareness of potential omissions in the literature.

Finally, time constraints pose a significant limitation to this study. The review is conducted within a specific time frame, which may limit its ability to capture rapid changes in gender equality policies and economic conditions. As these factors evolve, the findings of the review could become outdated unless the analysis is continuously updated. This highlights the importance of considering the temporal context when interpreting the results of the study.

7. METHODOLOGY

The methodology for this systematic review adheres to a structured and rigorous approach, meticulously designed to ensure comprehensive and unbiased coverage of the research questions concerning the economic impact of gender equality. It draws on established methodologies from previous studies, including those by Belingheri et al. (2021), Milner et al. (2021), and Njuki et al. (2023), ensuring consistency with recognised standards in systematic review practices. By leveraging these proven approaches, the review is positioned to offer a robust and credible analysis, providing valuable insights into the relationship between gender equality and economic outcomes.

Literature Search and Selection: The review begins with a comprehensive literature search across

multiple academic databases, including JSTOR, PubMed, Google Scholar, and EconLit. Keywords such as "gender equality," "economic growth," "GDP," "gender diversity," "corporate performance," "education," "workplace practices," and "policy effectiveness" are strategically used to identify studies relevant to the research questions. To ensure the inclusion of high-quality sources, the review establishes strict inclusion criteria, focusing on peer-reviewed articles, reports, and policy papers published in the last two decades. These selected studies must provide empirical data or theoretical analysis directly related to the themes of gender equality and economic outcomes. On the other hand, studies that lack methodological rigour, are not peer-reviewed, or focus on unrelated topics are excluded to maintain the review's integrity.

Data Extraction and Analysis: Following the selection process, the chosen studies undergo a meticulous data extraction process. Key details such as study objectives, methodology, sample size, region, sector, and main findings are systematically documented. For quantitative studies, economic indicators such as GDP, labor force participation, and corporate performance metrics are extracted to facilitate statistical analysis. Simultaneously, qualitative data on policy effectiveness, barriers to gender equality, and best practices are coded and categorised using thematic analysis. This dual approach ensures that both quantitative and qualitative insights are comprehensively captured, providing a holistic view of the research landscape.

Critical Appraisal: Each study included in the review is subjected to a rigorous critical appraisal using standardised tools to evaluate its quality and validity. The appraisal process focuses on key factors such as research design, sample representativeness, data collection methods, and the robustness of the analysis techniques employed. Studies are then rated on a quality scale, with those demonstrating high methodological rigour receiving greater emphasis in the synthesis of findings. This critical appraisal ensures that the review's conclusions are based on the most reliable and credible evidence available.

Synthesis of Findings: The review employs a mixed-methods approach to synthesise the findings from the selected studies. Quantitative data are analysed using meta-analytic techniques to determine the overall effect size of gender equality on economic outcomes such as GDP growth and corporate performance. The review also assesses heterogeneity among the studies and conducts subgroup analyses to explore variations across different regions and sectors. In parallel, qualitative data are synthesised through thematic analysis to uncover common themes and insights regarding the effectiveness of policies aimed at promoting gender equality and the barriers that hinder progress in this area.

Identification of Gaps and Recommendations:

One of the key objectives of the review is to identify gaps in the existing literature and highlight areas where further research is needed. By synthesising the evidence from the reviewed studies, the review also identifies best practices and successful models for promoting gender equality in various contexts. Based on this cumulative evidence, the review offers actionable recommendations for policymakers and corporate leaders, aiming to enhance gender equality and maximise its economic benefits on a global scale. These recommendations are tailored to address the specific challenges and opportunities identified in the literature.

Reporting and Dissemination: The systematic review's findings are reported in accordance with the PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) guidelines, ensuring transparency and rigour in the reporting process. The review is structured to provide clear and actionable insights for researchers, policymakers, and practitioners. Additionally, the dissemination plan includes publication in academic journals, presentations at conferences, and the creation of summary reports and policy briefs to reach a broader audience. The ultimate goal is to contribute to the ongoing dialogue on gender equality and its economic implications, providing evidence-based recommendations that can inform future research and policy development.

8. ECONOMIC IMPACTS OF GENDER EQUALITY: EVIDENCE FROM GLOBAL REPORTS AND STUDIES

World Bank Report (2012): "World Development Report 2012: Gender Equality and Development"

The "World Development Report 2012: Gender Equality and Development" by the World Bank underscores the economic benefits of closing gender gaps in the workforce. The report highlights that achieving gender parity could lead to an increase in GDP by up to 3% to 4% in developing countries. It emphasises the importance of equal access to education for women and girls, which is directly linked to higher labour force participation and improved economic outcomes. The report argues that when women have the same educational opportunities as men, their participation in the workforce increases, contributing significantly to economic growth and development (World Bank, 2012).

McKinsey Global Institute (2015): "The Power of Parity: How Advancing Women's Equality Can Add \$12 Trillion To Global Growth"

In *"The Power of Parity: How Advancing Women's Equality Can Add \$12 Trillion to Global Growth,"* the McKinsey Global Institute presents

compelling evidence of the economic potential of gender equality. The study estimates that gender equality could add \$12 trillion to global GDP by 2025. In a scenario where women participate in labour markets equally with men, this figure could rise to \$28 trillion, representing a 26% increase in global annual GDP. This research highlights the vast economic benefits of gender parity and stresses the importance of implementing policies that promote women's equal participation in the workforce to achieve substantial economic gains (McKinsey Global Institute, 2015).

International Labour Organization (ILO) Report (2017): "World Employment and Social Outlook: Trends for Women 2017"

The International Labour Organization's 2017 report, "World Employment and Social Outlook: Trends for Women," examines the impact of gender equality in the workplace. The report finds that if female employment rates were to match those of men, global GDP could increase by up to 5.8%. It highlights the critical role of policies that support work-life balance and address gender discrimination in achieving these economic benefits. The report emphasises the necessity of creating a more inclusive labour market to harness the full economic potential of the female workforce, thereby contributing to overall economic growth (International Labour Organization, 2017).

OECD Study (2018): "Is the Last Mile the Longest? Economic Gains from Gender Equality in Nordic Countries"

The OECD's study, "Is the Last Mile the Longest? Economic Gains from Gender Equality in Nordic Countries," provides insights into how gender equality has driven economic growth in the Nordic region. The study shows that policies promoting gender equality, such as parental leave and childcare support, have led to higher female labor force participation and increased economic productivity. The Nordic experience demonstrates that gender-inclusive policies not only promote social equity but also significantly contribute to economic development. This study serves as a model for other regions seeking to achieve similar economic benefits through gender equality (OECD, 2018).

Catalyst (2020): "The Bottom Line: Corporate Performance and Women's Representation on Boards"

Catalyst's 2020 report, "The Bottom Line: Corporate Performance and Women's Representation on Boards," explores the link between gender diversity in corporate leadership and financial performance. The report finds that companies with higher representation of women on their boards perform better financially. It highlights that gender-diverse boards are associated with better decision-making, higher profitability, and improved corporate governance. This evidence suggests that promoting gender diversity at the highest

levels of corporate leadership can lead to significant economic advantages for businesses and, by extension, the broader economy (Catalyst, 2020).

World Economic Forum Gender Gap Report (2021): "Global Gender Gap Report 2021"

The "Global Gender Gap Report 2021" by the World Economic Forum underscores the economic benefits of achieving gender parity in education and employment. The report indicates that countries with significant progress in gender equality tend to exhibit better economic performance. It presents data showing that gender-equal societies have higher levels of GDP per capita. The report emphasizes that gender equality is not only a social and moral imperative but also a critical driver of economic growth. It calls for continued efforts to close gender gaps to realize the full economic potential of all individuals, regardless of gender (World Economic Forum, 2021).

IMF (2018): "Pursuing Women's Economic Empowerment"

The International Monetary Fund's report "Pursuing Women's Economic Empowerment" examines the macroeconomic impacts of gender equality. The report highlights that closing gender gaps in the labour market could significantly boost economic growth and productivity. It provides evidence that gender diversity in leadership positions correlates with better financial performance and higher profitability for firms (International Monetary Fund, 2018).

UN Women (2015): "Progress of the World's Women 2015-2016: Transforming Economies, Realising Rights"

UN Women's report "Progress of the World's Women 2015-2016: Transforming Economies, Realising Rights" emphasises the economic benefits of gender equality. The report finds that women's economic empowerment leads to higher income levels, improved family health and education, and overall economic growth. It calls for comprehensive policies to address gender disparities in education, employment, and political participation (UN Women, 2015).

McKinsey Global Institute (2020): "Diversity Wins: How Inclusion Matters"

This follow-up report by McKinsey Global Institute, "Diversity Wins: How Inclusion Matters," provides further evidence of the positive impacts of gender diversity on business performance. The study finds that companies with greater gender diversity in their executive teams are more likely to outperform their peers on profitability. It underscores the importance of inclusive corporate cultures in driving innovation and economic success (McKinsey Global Institute, 2020).

European Institute for Gender Equality (2017): "Economic Benefits of Gender Equality in the European Union"

The European Institute for Gender Equality's report "Economic Benefits of Gender Equality in the European Union" highlights that gender equality can lead to significant economic gains for the EU. The report estimates that increasing gender equality could boost EU GDP by up to €10.5 trillion by 2050. It emphasises the role of gender equality in enhancing economic stability and growth (European Institute for Gender Equality, 2017).

These studies collectively highlight the profound economic impacts of gender equality, emphasising the importance of policies and practices that promote equal opportunities for women and men. The evidence consistently shows that gender equality leads to increased GDP, higher productivity, and improved corporate performance, making a strong case for the economic imperative of gender parity.

9. SYNTHESIS OF KEY FINDINGS ON THE ECONOMIC BENEFITS OF GENDER EQUALITY

The reports and studies reviewed collectively underscore the significant economic benefits of achieving gender equality across various sectors and regions. The evidence consistently shows that gender parity not only promotes social equity but also drives substantial economic growth and development. Below is a synthesis of the key findings from these reports:

Economic Growth and GDP Increase

Achieving gender parity has been recognised as a significant driver of economic growth, particularly in developing countries. The World Bank (2012) posits that providing equal access to education for women and girls could lead to a 3-4% increase in GDP in these regions. This connection is attributed to the resulting higher labour force participation, which directly correlates with improved economic outcomes.

Expanding the scope to a global perspective, the McKinsey Global Institute (2015) estimates that gender equality could add a staggering \$12 trillion to global GDP by 2025. The report further suggests that if women participated equally in labour markets, the potential economic gains could reach up to \$28 trillion, representing a 26% increase in global annual GDP. This underscores the immense economic potential that lies in gender-inclusive labour markets.

Similarly, the International Labour Organization (2017) and the European Institute for Gender Equality (2017) emphasise the substantial impact of gender equality on economic growth. The ILO suggests that matching female employment rates to those of men could result in a 5.8% increase in global GDP. In the European Union, increasing gender equality could boost GDP by up to €10.5 trillion by 2050, demonstrating the long-term economic benefits of gender parity.

Improved Corporate Performance

Improved corporate performance has been closely linked to greater gender diversity, particularly at the board level. According to Catalyst (2020), companies with higher representation of women on their boards tend to exhibit better financial performance. This diversity enhances decision-making processes, leading to higher profitability and better corporate governance, reflecting the positive impact of gender inclusion on corporate outcomes.

Similarly, the McKinsey Global Institute (2020) emphasises the importance of gender diversity within executive teams. Their research indicates that companies with more gender-diverse leadership are more likely to outperform their peers in terms of profitability. This underscores the value of fostering inclusive corporate cultures, which not only drive economic success but also promote more effective and balanced decision-making at the highest levels of management.

Policy Implications and Recommendations

The Nordic model, as highlighted by the OECD (2018), serves as a compelling example of how gender-inclusive policies can significantly boost economic productivity. By implementing policies such as parental leave and comprehensive childcare support, these countries have successfully increased female labor force participation. This approach not only empowers women to balance work and family life but also contributes to higher levels of economic output and overall societal well-being.

The International Labour Organization (2017) further emphasises the importance of policies that support work-life balance and directly address gender discrimination in the workplace. Such policies are crucial for unlocking the full economic potential of the female workforce. By creating environments where women can thrive professionally without sacrificing their personal lives, these measures help maximise productivity and enhance the overall economic contributions of women.

UN Women (2015) advocates for a broader policy approach to tackle gender disparities across various sectors, including education, employment, and political participation. Comprehensive policies that address these disparities are essential for achieving higher income levels, improved family health, and better educational outcomes. In turn, these improvements contribute to sustainable economic growth, underscoring the need for robust, gender-sensitive policy frameworks at national and international levels.

Macroeconomic Stability and Growth

Closing gender gaps in the labour market has been identified as a critical driver of economic growth and productivity. According to the IMF (2018), reducing

these disparities can lead to substantial economic gains, as gender diversity, particularly in leadership positions, is closely correlated with better financial performance for firms. This highlights the economic imperative of promoting gender equality in the workplace, not just as a social good but as a strategic advantage for businesses.

The World Economic Forum (2021) further reinforces this connection by showing that countries making significant progress in gender equality tend to exhibit better economic performance and higher GDP per capita. This suggests that gender equality is not only beneficial at the organisational level but also crucial for national economic prosperity, underscoring the broader importance of gender-inclusive policies and practices.

10. CONCLUSIONS

The synthesis of various reports underscores that gender equality is not merely a moral and social imperative but also a powerful catalyst for economic growth and development. The evidence clearly shows that gender parity is linked to substantial economic benefits, including increased GDP, enhanced productivity, and improved corporate performance. By achieving equality in labor force participation and educational opportunities, economies can unlock significant growth potential, driving overall prosperity.

A key finding is the positive impact of gender diversity on corporate performance. Companies with greater gender diversity, especially in leadership positions, tend to perform better financially. This correlation highlights the critical role that inclusive corporate governance and leadership practices play in driving financial success. It also reinforces the need for businesses to prioritize gender diversity as a core component of their strategic objectives, recognizing the tangible economic returns it can yield.

The importance of comprehensive gender equality policies cannot be overstated. Effective policies that ensure equal access to education, implement workplace anti-discrimination measures, and support work-life balance are essential for realising the full economic potential of a diverse workforce. These policies not only create a more equitable society but also contribute to a more dynamic and productive economy by enabling all individuals to participate fully in the labor market.

Finally, gender equality is shown to contribute to broader macroeconomic stability and growth. Countries that have made significant progress in closing gender gaps tend to experience better economic performance and higher levels of GDP per capita. This finding underscores the critical importance of continued efforts to advance gender equality at both the national and international levels. By prioritising gender equality, nations can ensure more sustainable and stable economic growth, benefiting society as a whole.

POLICY IMPLICATIONS

Based on the conclusions drawn, several critical policy implications emerge that are essential for fostering gender equality and driving economic growth. First and foremost, governments should prioritise ensuring equal access to quality education for women and girls. Education is a foundational element that directly correlates with higher labour force participation and improved economic outcomes. By investing in education and training programs that empower women and girls, governments can unlock significant economic potential and contribute to a more inclusive and prosperous society.

In the workplace, policies that promote gender equality are imperative. Implementing measures such as equal pay for equal work, robust anti-discrimination laws, and support systems for work-life balance—including parental leave and childcare support—are crucial steps. These policies not only help create a more equitable work environment but also enhance overall productivity by enabling women to participate fully in the labor market without facing systemic barriers.

Leadership diversity is another critical area where targeted initiatives and policies are needed. Encouraging and supporting the representation of women in leadership roles is essential, as gender-diverse leadership teams have been consistently linked to better financial performance. Governments and organizations should develop programs that mentor and promote women into leadership positions, recognising the value that diverse perspectives bring to decision-making and corporate governance.

Comprehensive legislation is necessary to address gender disparities across various sectors. Policymakers must develop and enforce laws that ensure gender equality is embedded in all aspects of society, from education and employment to healthcare and political participation. This legislation should be inclusive and equitable, providing a legal framework that protects against discrimination and promotes equal opportunities for all, regardless of gender.

Finally, increasing public awareness and advocacy for gender equality is vital to gaining broader societal support for these policy changes. Highlighting the economic benefits of gender equality can help shift public perception and encourage collective action. Governments, NGOs, and the private sector should collaborate on campaigns that educate the public on the importance of gender equality, emphasising how it contributes to overall economic stability and growth. Through sustained public awareness efforts, gender equality can become a shared societal goal, driving the necessary momentum for lasting change.

DIRECTIONS FOR FUTURE RESEARCH

To further advance our understanding of the economic benefits of gender equality, future research

should prioritise sector-specific studies. These studies would delve into the unique dynamics of gender equality within particular industries such as technology, finance, and healthcare. By examining the specific challenges and opportunities in each sector, researchers can identify tailored strategies that effectively promote gender parity. This approach will enable more precise interventions that address the distinct needs of different industries, thereby maximising the impact of gender equality initiatives.

Another critical area for future research is the execution of longitudinal analyses. These studies would track the long-term economic impacts of gender equality initiatives, offering a comprehensive view of their effectiveness over time. By observing how gender equality policies influence economic outcomes over extended periods, researchers can better understand the sustainability and long-term benefits of these efforts. Longitudinal studies can also provide insights into the evolving nature of gender dynamics within the labour market and guide the continuous refinement of gender equality strategies.

Exploring intersectionality is essential for developing more nuanced and inclusive gender equality policies. Future research should investigate how gender intersects with other factors such as race, ethnicity, and socioeconomic status. Understanding these intersections will allow for the creation of policies that address the complex and multifaceted nature of inequality. This approach will help ensure that gender equality efforts are inclusive of all women, particularly those from marginalised communities and that policies are designed to benefit everyone, regardless of their background.

Cultural contexts play a significant role in shaping gender equality outcomes, making it vital for future research to investigate this dimension. By studying the cultural influences on gender dynamics, researchers can identify best practices from different regions and cultures that can be adapted and applied globally. Understanding the cultural factors that either hinder or promote gender equality will enable the development of culturally sensitive policies that resonate with local populations, increasing the likelihood of successful implementation.

The impact of technological advances on gender equality is another important area for future exploration. As the future of work continues to evolve with rapid technological advancements, it is crucial to examine how these changes affect gender dynamics in the workplace. Research should focus on ensuring that women are not left behind in emerging industries and job markets. By identifying the challenges and opportunities presented by technological change, researchers can help develop strategies that ensure equitable access to new economic opportunities for women.

Finally, there is a need for systematic evaluation of existing gender equality policies and programs. Future research should focus on assessing the effectiveness of these initiatives, and identifying gaps and areas for improvement. This evaluation process will provide valuable feedback that can inform the development of more effective policies in the future. By continuously refining gender equality strategies based on empirical evidence, policymakers can ensure that efforts to promote gender parity are both efficient and impactful, leading to sustained economic and social benefits.

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References

1. Altuzarra, A., Gálvez-Gálvez, C., & González-Flores, A. (2021). Is gender inequality a barrier to economic growth? A panel data analysis of developing countries. *Sustainability*, 13(1), 367.
2. Antonio, A., & Tuffley, D. (2014). The gender digital divide in developing countries. *Future Internet*, 6(4), 673-687.
3. Belingheri, P., Chiarello, F., Fronzetti Colladon, A., & Rovelli, P. (2021). Twenty years of gender equality research: A scoping review based on a new semantic indicator. *Plos one*, 16(9), e0256474.
4. Benería, L., Berik, G., & Floro, M. (2015). *Gender, development and globalization: Economics as if all people mattered*. Routledge.
5. Brechenmacher, S., & Mann, K. (2024). *Aiding Empowerment: Democracy Promotion and Gender Equality in Politics*. Oxford University Press.
6. Calkin, S. (2016). Globalizing 'girl power': corporate social responsibility and transnational business initiatives for gender equality. *Globalizations*, 13(2), 158-172.
7. Catalyst. (2020). *The Bottom Line: Corporate Performance and Women's Representation on Boards*. Catalyst. Retrieved from Catalyst
8. Chant, S. (2012). The disappearing of 'smart economics'? The World Development Report 2012 on Gender Equality: Some concerns about the preparatory process and the prospects for paradigm change. *Global Social Policy*, 12(2), 198-218.
9. Christopherson, K., Yiadom, A., Johnson, J., Fernando, F., Yazid, H., & Thiemann, C. (2022). *Tackling legal impediments to women's economic empowerment*. International Monetary Fund.
10. Cortis, N., Foley, M., & Williamson, S. (2022). Change agents or defending the status quo? How senior leaders frame workplace gender equality. *Gender*,

- Work & Organization, 29(1), 205-221.
11. Croft, A., Schmader, T., & Block, K. (2015). An underexamined inequality: Cultural and psychological barriers to men's engagement with communal roles. *Personality and Social Psychology Review*, 19(4), 343-370.
 12. Dekker, M. (2013). Promoting Gender Equality and Female Empowerment: A systematic review of the evidence on property rights, labour markets, political participation and violence against women. Leiden: African Studies Center, 126.
 13. Dhar, S. (2018). Gender and sustainable development goals (SDGs). *Indian Journal of Gender Studies*, 25(1), 47-78.
 14. Dormekpor, E. (2015). Poverty and gender inequality in developing countries. *Developing Country Studies*, 5(10), 76-102.
 15. Edström, J., Hassink, A., Shahrokh, T., & Stern, E. (2015). Engendering men: A collaborative review of evidence on men and boys in social change and gender equality.
 16. Enaifoghe, A., & Durokifa, A. (2023). Gender inequality facing women in leadership as the hindrance to achieving sustainable development in Africa. *International Journal of Research in Business and Social Science* (2147-4478), 12(7), 443-451.
 17. European Institute for Gender Equality. (2017). Economic Benefits of Gender Equality in the European Union. European Institute for Gender Equality. Retrieved from EIGE
 18. Girón, A., & Kazemikhasragh, A. (2022). Gender equality and economic growth in Asia and Africa: Empirical analysis of developing and least developed countries. *Journal of the Knowledge Economy*, 13(2), 1433-1443.
 19. Hernita, H., Surya, B., Perwira, I., Abubakar, H., & Idris, M. (2021). Economic business sustainability and strengthening human resource capacity based on increasing the productivity of small and medium enterprises (SMEs) in Makassar City, Indonesia. *Sustainability*, 13(6), 3177.
 20. Houser, K. A., & Williams, J. B. (2021). Board Gender Diversity: A Path to Achieving Substantive Equality in the United States. *Wm. & Mary L. Rev.*, 63, 497.
 21. Hurst, C. M. R. (2020). Interpreting gender equality initiatives: a discourse analytic study in higher education institutions (Doctoral dissertation, University of Leeds).
 22. International Labour Organization. (2017). World Employment and Social Outlook: Trends for Women 2017. International Labour Organization. Retrieved from ILO
 23. International Monetary Fund. (2018). Pursuing Women's Economic Empowerment. International Monetary Fund. Retrieved from IMF
 24. Jayachandran, S. (2015). The roots of gender inequality in developing countries. *Annual review of economics*, 7(1), 63-88.
 25. Jean-Paul, F., & Martine, D. (2018). Beyond GDP measuring what counts for economic and social performance: measuring what counts for economic and social performance. OECD Publishing.
 26. Jones, N., Tvedten, I., Arbulú, A., Perezniето, P., Lindström, J., & Norbakk, M. (2015). Evaluation of Norway's Support to Women's Rights and Gender Equality in Development Cooperation. Norad Evaluation Report.
 27. Kabeer, N. (2021). Gender equality, inclusive growth, and labour markets. In *Women's Economic Empowerment* (pp. 13-48). Routledge.
 28. Kameri-Mbote, P., & Kabira, N. (2022). SDG 5: Achieve Gender Equality and Empower All Women and Girls. *The Cambridge Handbook of the Sustainable Development Goals and International Law*.
 29. Kemeny, T. (2017). Immigrant diversity and economic performance in cities. *International Regional Science Review*, 40(2), 164-208.
 30. Kickbusch, I., Brindley, C., & World Health Organization. (2013). Health in the post-2015 development agenda: an analysis of the UN-led thematic consultations, High-Level Panel report and sustainable development debate in the context of health. World Health Organization.
 31. Kulkarni, V., Vohra, N., Sharma, S., & Nair, N. (2021). Walking the tightrope: gender inclusion as organizational change. *Journal of Organizational Change Management*, 34(1), 106-120.
 32. Kumari, R. (2018). Economic growth, disparity, and determinants of female labor force participation: A research agenda. *World Journal of Entrepreneurship, Management and Sustainable Development*, 14(2), 138-152.
 33. Lormand, K. E. (2021). Queering Feminist Facilitation: A Culture Circle Discusses Gender & Sexuality. Montclair State University.
 34. McKinsey Global Institute. (2015). The Power of Parity: How Advancing Women's Equality Can Add \$12 Trillion to Global Growth. McKinsey & Company. Retrieved from McKinsey
 35. McKinsey Global Institute. (2020). Diversity Wins: How Inclusion Matters. McKinsey & Company. Retrieved from McKinsey
 36. Mensah, J. (2019). Sustainable development: Meaning, history, principles, pillars, and implications for human action: Literature review. *Cogent social sciences*, 5(1), 1653531.
 37. Milner, A., Kavanagh, A., Scovelle, A. J., O'Neil, A., Kalb, G., Hewitt, B., & King, T. L. (2021). Gender equality and health in high-income countries: a systematic review of within-country indicators of gender equality in relation to health outcomes.

- Women's Health Reports, 2(1), 113-123.
38. Monaco, S. (2024). SDG 5. Achieve Gender Equality and Empower All Women and Girls. In *Identity, Territories, and Sustainability: Challenges and Opportunities for Achieving the UN Sustainable Development Goals* (pp. 51-62). Emerald Publishing Limited.
 39. Morrow, K. (2018). Gender and the sustainable development goals. In *Sustainable Development Goals* (pp. 149-172). Edward Elgar Publishing.
 40. Nalule, V. R. (2020). Achieve Gender Equality and Empower All Women and Girls. In *Mining, Materials, and the Sustainable Development Goals (SDGs)* (pp. 39-50). CRC Press.
 41. Nanda, V., Nayak, M., & Goldstein, J. (2020). Global efforts to realise the essential but elusive goal of gender equality and women's empowerment (SDG 5). *Denv. J. Int'l L. & Pol'y*, 48, 1.
 42. Njuki, J., Eissler, S., Malapit, H., Meinzen-Dick, R., Bryan, E., & Quisumbing, A. (2023). A review of evidence on gender equality, women's empowerment, and food systems. *Science and innovations for food systems transformation*, 165.
 43. Nwafor, N.H., & Tariah, C.I. (2022). Gender Inequality as Barrier to Education for All: Implications for Women Education in Nigeria. In *Rivers State University Faculty of Education Conference Journal* (Vol. 2, No. 1, pp. 108-120).
 44. OECD. (2018). *Is the Last Mile the Longest? Economic Gains from Gender Equality in Nordic Countries*. OECD Publishing. Retrieved from OECD
 45. Okunade, B.A., Adediran, F.E., Balogun, O.D., Maduka, C. P., Adegoke, A. A., & Daraojimba, R. E. (2023). Gender policies and women's empowerment in Nigeria: an analytical review of progress and barriers. *International Journal of Applied Research in Social Sciences*, 5(10), 543-565.
 46. Onditi, F., & Odera, J. (2017). Gender equality as a means to women's empowerment? Consensus, challenges and prospects for post-2015 development agenda in Africa. *African Geographical Review*, 36(2), 146-167.
 47. Parpart, J. L. (2014). Exploring the transformative potential of gender mainstreaming in international development institutions. *Journal of International Development*, 26(3), 382-395.
 48. Razavi, S. (2016). The 2030 Agenda: challenges of implementation to attain gender equality and women's rights. *Gender & Development*, 24(1), 25-41.
 49. Sachs, J. D. (2012). From millennium development goals to sustainable development goals. *The Lancet*, 379(9832), 2206-2211.
 50. Sauer, A. T. (2018). *Equality Governance Via Policy Analysis? The Implementation of Gender Impact Assessment in the European Union and Gender-based Analysis in Canada*. transcript Verlag.
 51. Schmidt, K. E., & Cacace, M. (2019). Setting up a dynamic framework to activate gender equality structural transformation in research organisations. *Science and Public Policy*, 46(3), 321-338.
 52. Šlaus, I., & Jacobs, G. (2011). Human capital and sustainability. *Sustainability*, 3(1), 97-154.
 53. Taamneh, M. M., Al-Okaily, M., Barhem, B., Taamneh, A. M., & Alomari, Z. S. (2024). Examining the influence of gender equality in HRMP on job performance: the mediating role of job satisfaction. *Global Knowledge, Memory, and Communication*.
 54. Tatli, A., Ozturk, M. B., & Woo, H. S. (2017). Individualisation and marketisation of responsibility for gender equality: The case of female managers in China. *Human resource management*, 56(3), 407-430.
 55. Trends, G. (2017). *Challenges and opportunities in the implementation of the Sustainable Development Goals*. United Nations Development Programme & United Nations Research Institute for Social Development.
 56. UN Women. (2015). *Progress of the World's Women 2015-2016: Transforming Economies, Realizing Rights*. UN Women. Retrieved from UN Women
 57. Vohra, N., Chari, V., Mathur, P., Sudarshan, P., Verma, N., Mathur, N., ... & Gandhi, H. K. (2015). *Inclusive workplaces: Lessons from theory and practice*. *Vikalpa*, 40(3), 324-362.
 58. Walker, J., Pearce, C., Boe, K., & Lawson, M. (2019). *The Power of Education to Fight Inequality: How increasing educational equality and quality is crucial to fighting economic and gender inequality*.

Oxfam.

59. Walker, J., Pearce, C., Boe, K., & Lawson, M. (2019). The Power of Education to Fight Inequality: How increasing educational equality and quality is crucial to fighting economic and gender inequality. Oxfam.
60. World Bank. (2012). World Development Report 2012: Gender Equality and Development. World Bank. Retrieved from World Bank
61. World Economic Forum. (2021). Global Gender Gap Report 2021. World Economic Forum. Retrieved from WEF