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# Leading with Compassion and Collective Intelligence: Strategic Pathways to Sustainable Public Sector and Business Performance

## Agba, Michael Sunday, PhD

Department of Public Administration, Faculty of Management Sciences
University of Calabar, Calabar, Nigeria
Email: mikagbaagba@yahoo.co.uk
ORCID: https://orcid.org/0000-0001-7907-1079

## Grace Eleojo Michael Agba, PhD

School of Health Information Management, University of Calabar Teaching Hospital, Calabar, Nigeria Email: gracemichaelagba@gmail.com

#### Abstract

This study investigates the strategic value of leading with compassion and collective intelligence as foundational leadership paradigms for enhancing sustainable performance in public sector institutions and business organizations. The objective is to critically examine how empathetic leadership practices and collaborative knowledge-sharing processes contribute to ethical governance, employee engagement, and long-term organizational success. The study adopts a qualitative research design grounded in an extensive review of existing literature across leadership, organizational behavior, and sustainability studies. Thematic content analysis is employed to extract, categorize, and interpret recurring patterns, themes, and insights from the selected academic and policy sources. Findings suggest that compassionate leadership significantly enhances trust, psychological safety, and motivation, while the deliberate use of collective intelligence facilitates innovative problem-solving and adaptive strategy implementation. Together, these leadership attributes create a resilient and inclusive organizational culture that drives sustainable outcomes. The study recommends that policymakers and organizational leaders institutionalize compassionate and participatory practices through leadership development programs, inclusive policy frameworks, and systems that reward collaboration and empathy.

**Keywords**: Compassionate Leadership, Collective Intelligence, Thematic Analysis, Public Sector Strategy, Sustainable Performance, Organizational Culture.

#### Introduction

In today's increasingly complex and interdependent global environment, public and private sector organizations are under growing pressure to deliver sustainable performance while navigating volatility, uncertainty, and social expectations. As conventional leadership models become inadequate for addressing contemporary organizational challenges, there is a compelling shift toward leadership approaches that prioritize empathy, inclusion, and collective insight. Among these, compassionate leadership and collective intelligence have emerged as critical strategic enablers of ethical governance, employee engagement, and adaptive resilience.

Recent data demonstrate that compassionate leadership significantly influences organizational well-being and performance. For example, organizations that adopted compassionate leadership strategies reported a 25% increase in employee engagement and a 20% improvement in organizational commitment (Ting, 2024). In healthcare contexts, compassionate leadership has been linked to improved employee retention and career satisfaction (Odeh et al., 2023). A study of compassionate leadership and employees' well-being further found that employee well-being fully mediates the

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relationship between compassionate leadership and work engagement, establishing its relevance for holistic performance enhancement and improvement (Pansini, Buonomo & Benevene, 2024).

In parallel, collective intelligence (commonly defined as the enhanced capacity of groups to perform tasks and solve problems through shared cognition) has gained traction as a vital asset for strategic decision-making. Technological applications such as Conversational Swarm Intelligence (CSI) have shown that real-time group deliberations improve decision accuracy, outperforming 66% of individual responses (Rosenberg et al., 2023). Moreover, the synergy between artificial intelligence and human cognition has amplified collective attention and organizational learning (Riedl, 2024). Such intelligent collaboration enables dynamic adaptation, which is critical for organizational survival in today's fast-changing contexts (Andersen, 2024).

Despite these encouraging developments, many organizations particularly in developing economies still rely heavily on transactional leadership practices that overlook the human and relational dynamics central to long-term success. This disconnect creates a leadership performance gap, resulting in reduced employee morale, fragmented decision-making, and limited sustainability outcomes. The central problem this paper addresses, therefore, is the underutilization of compassionate leadership and collective intelligence as strategic pathways to achieving sustainable performance in public sector institutions and business organizations. Through synthesizing current literature and applying thematic content analysis, this study aims to uncover best practices, identify strategic benefits, and offer actionable recommendations for integrating these leadership paradigms into modern organizational systems.

#### **Conceptual Elucidation**

## Definition and Dimensions of Leading with Compassion in Public and Private Sectors

In an era characterized by technological disruption, evolving workforce expectations, and mounting societal pressures, leadership in both public and private organizations is undergoing a profound transformation. Increasingly, evidence points to two critical leadership strategies-compassionate leadership and collective intelligence as fundamental for driving sustainable performance. These approaches are not simply aspirational; they are grounded in real-world research and organizational outcomes. A growing body of literature, particularly from McKinsey & Company, illustrates how leading with empathy while mobilizing collective brainpower can help organizations remain agile, innovative, and impactful in complex environments.

Leading with Compassion refers to a leadership approach that is rooted in empathy, understanding, and concern for the well-being and development of others. Compassionate leaders demonstrate emotional intelligence, actively listen to the needs and concerns of their teams, and foster a supportive environment that encourages personal and professional growth. This style of leadership promotes psychological safety, increases morale, and improves trust across organizational levels (Boyatzis et al., 2012). Put differently, leading with compassion involves understanding and caring for those one leads, emphasizing empathy, openness, communication, inclusiveness, integrity, respect, and dignity (Cox, 2023; Ramachandran et al., 2023). Compassionate leadership is about seeing employees holistically, building trusting relationships, and supporting their well-being, even in environments where the focus is on results and profits (Westover, 2024; Cox, 2023; Ramachandran et al., 2023). To accomplish this, emotional intelligence is a key trait as it enables leaders to recognize and respond to the needs of others, promoting a culture of care and engagement (Westover, 2024; Estrada et al., 2021).

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Leading with compassion is no longer a peripheral concept or a soft leadership trait, it has gradually become a central leadership imperative in both public and private organizations. Traditionally, leadership theories prioritized command, control, and charisma. However, the past decade has witnessed a shift towards more human-centered approaches. Compassionate leadership, at its core, involves a genuine concern for others' well-being, coupled with a readiness to act in ways that support, uplift, and empower people-whether employees, citizens, or stakeholders. Earlier scholars such as Boyatzis et al. (2012) emphasized compassion as a core element of emotional intelligence, essential for leaders seeking to create meaningful relationships and organizational trust. This conceptualization laid the foundation for later empirical work that tied compassion directly to performance and resilience.

Recent scholarship builds on this foundation but places greater emphasis on context, culture, and systems. For instance, West et al. (2023) argue that compassionate leadership is not only a moral virtue but also a strategic tool that supports innovation, particularly in public service institutions under stress. They point out that during the COVID-19 pandemic, public health leaders who practiced compassionate communication, transparency, and care for staff wellbeing saw higher team cohesion and better outcomes. This aligns with findings from the private sector: a 2024 study by McKinsey reported that companies with leadership styles rated high in compassion had 3.6 times higher employee engagement and 35% better retention rates. Unlike earlier models that treated compassion as a trait, these newer studies treat it as a skill, something that can be cultivated, measured, and strategically applied across sectors.

When comparing both sectors, the differences in how compassionate leadership is applied are quite instructive. In the public sector, compassion tends to manifest in participatory governance, equitable policy-making, and frontline service delivery where citizen trust is paramount. Public administration experts have argued that compassionate leadership in government is directly linked to reducing bureaucratic rigidity and improving responsiveness to societal and community needs. In the private sector, however, compassion is increasingly viewed through the lens of organizational culture, diversity and inclusion, and employee mental health. Hougaard and Carter (2018) argue that compassion drives innovation by creating psychologically safe environments where diverse teams can take risks without fear. Both literatures now converge on a crucial point: regardless of setting, compassion must be operationalized through empathy, ethical action, emotional regulation, and inclusive communication. What was once seen as idealistic has now proven to be essential for sustainable leadership in a complex, knowledge-driven economy.

Compassionate leadership is linked to sustainable decision-making and organizational performance. It encourages ethical balancing between economic and environmental goals, motivating action-oriented responses to sustainability challenges (Engel et al., 2020; Powell & McGuigan, 2024). In both public sector and business contexts, compassion enhances employee engagement, shapes sustainable mindsets, and supports long-term organizational success by valuing people and promoting well-being (Westover, 2024; Engel et al., 2020; Malik et al., 2021; Powell & McGuigan, 2024; Estrada et al., 2021).

## The Imperative of Compassionate Leadership

Compassionate leadership is defined by empathy, active listening, and a commitment to employee well-being. It has now become a strategic requirement, particularly in light of the mental health crisis facing modern workplaces. Jaman et al. (2022) argue that businesses must treat mental health as a core element of leadership, just as vital as revenue and productivity metrics. Their study, conducted by the McKinsey Health Institute, reveals that organizations that invest in employee mental well-

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being see marked improvements in retention, engagement, and long-term performance. They call for the inclusion of mental health within board-level ESG conversations and offer evidence that such inclusion yields both human and financial dividends.

Similarly, Nielsen, D'Auria, and Zolley (2020) emphasize that in times of crisis like the COVID-19 pandemic leadership rooted in vulnerability, awareness, and compassion is crucial. Their research, drawn from hundreds of interviews with senior executives, highlights how compassionate behaviors such as transparency and emotional presence helped stabilize teams and rebuild organizational trust during disruption. This aligns with the growing recognition that emotional intelligence is no longer optional; it is a core leadership competency that enhances individual and organizational resilience.

Elijah Ting's (2024) article, Compassionate Leadership: The Key to Thriving Organizations, highlights the critical role that compassion plays in shaping a productive and emotionally healthy work environment. Ting explains that employees who perceive their leaders as compassionate demonstrate 25% higher engagement and 20% stronger commitment to organizational goals. This form of leadership fosters a sense of belonging, which, in turn, reduces employee stress, anxiety, and burnout. Compassionate leaders help create a workplace culture where employees feel seen, valued, and supported, particularly during periods of uncertainty or change (Ting, 2024).

From an organizational standpoint, Ting (2024) presents compelling evidence that compassionate leadership leads to tangible business benefits. For example, he references the case of Appletree Answering Service, which adopted peer-to-peer compassion initiatives modeled after the Make-A-Wish Foundation, resulting in a 60% drop in staff turnover within six months. Beyond retention, the article emphasizes that compassionate leaders nurture trust and openness, which enhances team collaboration and innovation. When employees feel psychologically safe, they are more willing to share ideas, support their colleagues, and contribute to collective problem-solving ultimately boosting overall organizational performance (Ting, 2024). Compassionate leadership and cultural intelligence are fundamental in the management of diversity in highly digitalized economy and globalized world (Agba & Agba, 2025).

## Understanding Collective Intelligence: Definition, Drivers, and Organizational Impact

Collective intelligence (CI) used to describe the enhanced capacity that emerges from the collaboration, collective efforts, and decision-making of a group, often surpassing the abilities of individual members working alone. It is grounded in the idea that diverse individuals when effectively coordinated can solve problems, innovate, and make decisions more effectively than isolated experts (Malone, Laubacher, & Dellarocas, 2010). Collective intelligence is the ability of a group to perform a wide variety of tasks effectively, driven by group composition (skills, diversity) and group interaction (collaboration, communication, norms) (Woolley et al., 2015; Riedl et al., 2021). In other words, collective intelligence (CI) is the shared or group intelligence that emerges from the collaborative efforts, decision-making, and problem-solving capabilities of diverse individuals. In organizational settings, CI draws from the varied knowledge, skills, and perspectives of employees to arrive at more innovative and effective outcomes. It thrives in environments of mutual respect, openness, and decentralized decision-making (Malone, 2018). High collective intelligence is characterized by effective collaboration processes, social perceptiveness, and diversity, which together enable groups to solve complex problems and adapt to changing environments (Woolley et al., 2015; Riedl et al., 2021). In today's knowledge-driven and interconnected world, collective intelligence is increasingly recognized as a key enabler of organizational adaptability and innovation (Woolley et al., 2010).

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Several key drivers influence the development and effectiveness of collective intelligence within organizations. These include diversity of thought, decentralized decision-making, social sensitivity among team members, and strong communication networks (Woolley et al., 2010; Levy, 2021). High-performing organizations deliberately design systems to harness CI through inclusive leadership, cross-functional teams, and digital collaboration tools. The organizational impact of leveraging collective intelligence is profound-it leads to better problem-solving, increased innovation capacity, and higher resilience in the face of complex challenges. For example, companies like IBM and Google have successfully embedded CI principles into their operations, using collaborative platforms and data-driven insights to drive continuous improvement and strategic foresight (Malone, 2018). As such, collective intelligence not only enhances performance but also supports sustainable, participatory, and responsive organizational cultures.

#### Harnessing Collective Intelligence for Organizational Agility

While compassion sets the emotional tone of leadership, collective intelligence (CI) provides the operational advantage. Collective intelligence refers to the capacity of a group to think and act more effectively than individuals working alone. A classic strength of CI is its ability to tap into diverse perspectives, promote inclusiveness, and generate more innovative solutions. Fitzgerald, McLean, and Tovstiga (2017) describe high-performing teams as those that exhibit trust, open communication, and psychological safety all preconditions for effective collaboration and group-level intelligence.

This idea is further developed by Blackader, Buesing, Amar, and Raabe (2025), who show how organizations that integrate human expertise with artificial intelligence (AI) in contact centers can achieve operational excellence without losing empathy. They stress that successful CI depends on both digital tools and human-centered leadership, emphasizing that AI must augment-not replace human insight. The report suggests that companies able to balance this duality outperform peers in both customer satisfaction and employee retention.

## Synergizing Compassionate Leadership and Collective Intelligence

In today's knowledge-driven economy, both compassionate leadership and collective intelligence have emerged as critical pathways for building sustainable organizations. The concept of collective intelligence (CI) (the capacity of a group to perform a wide variety of tasks effectively) has been explored by scholars like Woolley et al. (2010), who argue that team performance is often determined less by individual intelligence and more by group dynamics such as social sensitivity and equal participation. Similarly, Malone (2018) emphasizes that when organizations intentionally build mechanisms to harness the wisdom of crowds, they not only solve problems more effectively but also promote innovation. In contrast, traditional leadership models, often hierarchical and centralized, tend to limit the potential of diverse inputs. Thus, in a knowledge economy where learning, creativity, and adaptability are prized, CI enables organizations to tap into the collective capabilities of their members to remain competitive and responsive to change.

When organizations combine compassionate leadership with collective intelligence, the result is a highly adaptive, innovative, and sustainable system. Jeffery, Weddle, Brassey, and Thaker (2025) argue that businesses focusing on employee thriving can unlock up to \$11.7 trillion in global productivity gains. Their findings point to a direct link between compassionate practices like recognizing employee contributions and offering flexibility-and improved team performance. In essence, compassion creates the trust needed for collective intelligence to flourish.

Moreover, Duan, Dhingra, and Duffy (2022) extend these insights to the public sector, asserting that governments must lead with values like humility, empathy, and transparency to regain trust and

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legitimacy. Their work underscores how societal leadership increasingly demands the same qualities (compassion and collaboration) that drive private sector success. This reinforces the idea that both sectors can draw on shared leadership principles to create more sustainable and responsive institutions.

The convergence of compassionate leadership and collective intelligence reflects a new leadership logic for sustainability in a knowledge-driven economy. These models are not idealistic. They are backed by evidence, measurable outcomes, and growing adoption across industries. Compassion builds psychological safety; collective intelligence leverages it. Together, they form the foundation of adaptive, high-performing organizations capable of addressing not only business needs but also broader human and societal challenges.

Leading with compassion and harnessing collective intelligence are mutually reinforcing strategies for sustainable public sector and business performance. Compassionate leadership fosters trust, engagement, and well-being, creating the psychological safety necessary for effective group collaboration and collective intelligence (Westover, 2024; Cox, 2023; Malik et al., 2021; Ramachandran et al., 2023; Estrada et al., 2021). In turn, collective intelligence leverages diverse perspectives and collaborative processes to generate innovative solutions and chart pathways toward sustainability (Wood et al., 2021; Woolley et al., 2015; Riedl et al., 2021).

In parallel, compassionate leadership defined by Boyatzis et al. (2012) as leadership model rooted in empathy, care, and the desire to support others' growth has gained renewed interest, particularly in sectors dealing with high uncertainty and human complexity. Hougaard and Carter (2018) further argue that compassion in leadership is not "soft," but rather a powerful tool for driving engagement and resilience. While collective intelligence provides the structure for shared decision-making, compassionate leadership creates the emotional climate necessary for collaboration to flourish. Leaders who genuinely listen, show vulnerability, and value the well-being of their teams promote trust and psychological safety, factors Edmondson (1999) found to be central in high-performing teams. This emotional grounding ensures that knowledge flows freely, and diverse perspectives are welcomed, making it easier to navigate organizational change and build long-term capability.

When these two paradigms-Compassionate Leadership (CL) and Collective Intelligence (CI) are integrated, they offer a powerful framework for sustainability. Unlike compliance-based sustainability models focused solely on environmental or financial metrics, this approach centers on human systems as engines of sustainable performance. As West and Markiewicz (2016) observe in their studies of healthcare teams, organizations that promote shared leadership and compassion outperform those that prioritize control and compliance. This echoes findings from leadership scholars such as Goleman (2013), who maintains that emotionally intelligent leadership leads to better strategic alignment and adaptive capacity. Thus, in both the public and private sectors, strategic investments in cultivating collective intelligence and embedding compassion into leadership practice are not only ethically sound they are foundational for thriving in a knowledge-based, rapidly evolving global economy.

Organizations that integrate compassionate leadership with collective intelligence practices are better equipped to navigate uncertainty, address systemic challenges, and achieve sustainable outcomes. These approaches support ethical decision-making, employee engagement, and adaptive strategies that are essential for long-term public sector and business success (Wood et al., 2021; Westover, 2024; Engel et al., 2020; Malik et al., 2021; Powell & McGuigan, 2024; Woolley et al., 2015; Riedl et al., 2021).

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#### Global Spread of Compassionate Leadership and Collective Intelligence

In recent years, compassionate leadership has gained global momentum as a strategic and moral imperative across sectors. The model emphasizes empathy, ethical sensitivity, and supportive behaviors from leaders, which in turn foster employee well-being and organizational resilience. For example, a 2024 study conducted by Pansini, Buonomo, and Benevene in Spain found that while compassionate leadership did not directly increase employee engagement, it significantly enhanced overall well-being an indirect pathway to better engagement and productivity (Pansini et al., 2024). Similarly, in the Middle East, particularly within Saudi Arabia's healthcare system, compassionate leadership was associated with improved employee core self-evaluation and increased career satisfaction, helping reduce turnover rates (Khalid & Parveen, 2024).

At the political level, global figures like New Zealand's former Prime Minister Jacinda Ardern have demonstrated the viability and strength of compassion-based leadership on the world stage. Her empathetic and inclusive governance during crises such as the Christchurch terror attacks and the COVID-19 pandemic drew international acclaim and is now widely cited as a benchmark for values-based leadership (Viner, 2025 & Women's Agenda, 2023). These global examples signal a shift toward leadership styles that are not just technically proficient, but emotionally attuned and peoplecentered.

Parallel to this shift is the growing importance of collective intelligence (CI) demonstrating the capacity of groups to outperform individuals by sharing knowledge, perspectives, and decision-making responsibilities. Taylor (2025) advocates the use of CI in advancing Sustainable Development Goals (SDGs), emphasizing its potential in building multistakeholder coalitions and addressing complex global challenges through collaboration. Technological advances are further fueling this trend. Riedl and De Cremer (2025) argue that artificial intelligence, when integrated ethically and transparently, can enhance the socio-cognitive architecture of CI in organizations. Moreover, Gurney et al. (2024) show how collective forecasting models (combining human and machine insights) improve decision accuracy and strategic foresight, particularly in uncertain environments.

Together, compassionate leadership and collective intelligence are redefining leadership in the global economy. Through embedding empathy into governance and tapping into the shared cognitive resources of teams and communities, both public and private organizations are equipping themselves to navigate disruption and lead sustainably.

## Critical Reflection and Counterarguments on Adoption of Compassionate Leadership and Collective Intelligence in Human and Organisational Governance

While this paper strongly advances the merits of compassionate leadership and collective intelligence (CI) as strategic levers for sustainable organizational performance, it is equally important to acknowledge their limitations and the complexities surrounding their practical implementation. A growing body of literature warns that excessive reliance on compassionate leadership can inadvertently blur professional boundaries, lead to leniency in performance management, and foster emotional exhaustion among leaders themselves. As Fineman (2008) notes, over-empathy may compromise objectivity, especially in high-stakes or conflict-laden environments where difficult decisions must be made without personal bias.

Similarly, collective intelligence, although widely celebrated for enhancing collaborative problemsolving, is not without its pitfalls. One notable concern is the risk of "decision paralysis" in settings where excessive emphasis on consensus dilutes decisiveness or slows down action (Woolley et al.,

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2021). Moreover, group dynamics can be influenced by hierarchy, unconscious bias, or social conformity, leading to groupthink rather than genuine cognitive diversity. This is particularly problematic in organizations where psychological safety is not firmly established, or where cultural norms discourage dissenting voices.

Compassionate leadership in such settings may be viewed as weakness, and collaborative models may require significant cultural adaptation to be effective. Thus, a one-size-fits-all application of these frameworks may not yield the intended results across diverse organizational or national cultures. Organizations grounded in traditional metrics of success such as short-term profit margins and individual performance benchmarks often lack the frameworks to measure compassion and collaboration. As Pansini, Buonomo, and Benevene (2024) emphasize, without supportive institutional policies, compassionate behavior risks being seen as inefficient or peripheral. Moreover, the absence of leadership development programs that center on emotional intelligence and group dynamics prevents organizations from cultivating the competencies necessary for sustainable governance practices rooted in compassion and collective intelligence.

Another key barrier to integrating compassionate leadership lies in managing the paradox of authority and empathy. According to Krause, Rousset & Schäfer (2023), leaders often struggle to balance their formal responsibilities with the emotional demands of compassion. Demonstrating vulnerability may inadvertently weaken perceived authority, particularly in rigid organizational cultures. This paradox creates confusion around role expectations, and in some cases, resistance from leadership ranks accustomed to command-and-control paradigms.

A parallel challenge is observed in the adoption of collective intelligence (CI). While CI promises better decision-making through the aggregation of diverse insights, practical obstacles such as dominance of strong personalities, groupthink, and lack of psychological safety can impede its effectiveness. Poje et al (2023) note that without deliberate efforts to structure inclusive participation and ensure equal voice, CI systems may replicate existing power imbalances rather than eliminate them. Furthermore, when CI systems are integrated with AI technologies, issues such as algorithmic bias, inequitable access to digital platforms, and lack of transparency can undermine the democratic ideals that CI aims to promote.

Finally, resistance can also stem from fear of change and loss of control among upper management. Introducing compassionate leadership and CI often requires flattening hierarchies, sharing decision-making authority, and disrupting deeply embedded power structures. These shifts challenge the traditional sources of leadership legitimacy and demand a rethinking of governance from both a human and operational perspective. For these approaches to succeed, organizations must commit to a long-term cultural transformation, underpinned by strategic alignment, leadership modeling, and system-wide capacity building.

In sum, while the transformational potential of compassionate leadership and collective intelligence is well-documented, scholars and practitioners must remain critically aware of the tensions and trade-offs they may introduce. Effective adoption requires contextual sensitivity, structural support, and clear boundaries to prevent unintended consequences. Recognizing these limitations not only enriches the academic discourse but also grounds the advocacy for these models in pragmatic, context-aware realism.

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#### **Summary, Conclusion and Recommendations**

## **Summary**

This study explores the dual strategic role of compassionate leadership and collective intelligence in enhancing sustainable performance within public institutions and business organizations. It begins by establishing the inadequacy of traditional, hierarchical leadership models in addressing the increasing complexity, volatility, and human-centered demands of contemporary work environments. Drawing from interdisciplinary literature, the paper underscores how compassionate leadership marked by empathy, emotional intelligence, and genuine concern for employee well-being facilitates psychological safety, trust, and motivation, which are essential for resilient and ethically grounded organizations.

Equally central is the role of collective intelligence, which the paper defines as the enhanced problem-solving and decision-making capacity that arises from effective group collaboration and diversity of thought. Empirical studies and practical applications show that organizations that embed systems to harness CI through inclusive communication, decentralized decision-making, and integration of AI achieve superior adaptability and innovation. The combined effect of these paradigms is a work culture that is not only high-performing but also more humane, collaborative, and capable of long-term strategic learning.

The paper also investigates sectoral applications, noting how compassionate leadership manifests differently across public and private domains. In government institutions, it translates to participatory governance and citizen trust, while in corporate environments, it fosters inclusion and psychological well-being. Furthermore, the literature review illustrates that when compassionate leadership and CI are integrated, they create a synergistic model that aligns organizational goals with societal needs. This integrated leadership logic is particularly relevant in a knowledge-driven global economy, where both social sensitivity and adaptive intelligence determine sustainable success.

Finally, the global spread of these models is examined through international case studies and research findings. From New Zealand's Jacinda Ardern to organizational shifts in healthcare and tech industries, the evidence suggests that both paradigms are not merely theoretical but are actively transforming leadership practice worldwide. Compassion and collective capacity are increasingly viewed as the cornerstones of future-ready, people-centered institutions.

#### Conclusion

The findings from this study confirm that compassionate leadership and collective intelligence are not isolated traits but deeply interconnected pillars of sustainable organizational success. Compassionate leadership lays the emotional and relational groundwork cultivating environments of trust, empathy, and inclusion while collective intelligence builds on that foundation by empowering diverse groups to think critically, innovate collaboratively, and solve complex problems efficiently. Together, they offer a holistic leadership framework that responds effectively to the moral, economic, and social imperatives of contemporary organizations.

In public sector contexts, these leadership strategies promote more transparent, responsive, and equitable governance. In the business world, they engender inclusive cultures and enhanced employee engagement, ultimately driving productivity and resilience. The study makes clear that organizations which fail to adopt these practices risk losing not only talent and innovation potential but also public legitimacy and adaptability in a rapidly changing world.

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Through synthesizing a wide array of global literature and empirical evidence, the paper reveals that the convergence of compassionate leadership and collective intelligence provides not only a viable alternative to traditional management models but a superior one. These paradigms enhance psychological safety, optimize knowledge flows, and create purpose-driven organizations capable of sustaining ethical and financial success.

Thus, this work argues persuasively for a paradigm shift in leadership one that embraces compassion not as an ideal but as a necessity, and collective intelligence not as a bonus but as a backbone. The imperative for leaders in both public and private sectors is no longer whether to adopt these models, but how best to institutionalize them for long-term strategic benefit.

#### Recommendations

To promote the effective integration of compassionate leadership and collective intelligence in the management of people, organisations and institutions (public and private) for sustainable growth and development, the following recommendations are made:

- i. **Institutionalize Compassionate Leadership Training:** Organizations should embed compassionate leadership into leadership development programs and executive coaching curricula. This involves training leaders to develop emotional intelligence, active listening, and empathy as core competencies. In the public sector, this could be achieved through civil service reform and the integration of human-centered governance modules in policy training.
- ii. **Design Structures That Foster Collective Intelligence:** Create systems and organizational architectures that encourage decentralized decision-making, cross-functional collaboration, and shared accountability. This includes leveraging digital collaboration platforms, AI-enhanced decision systems, and inclusive team structures that promote diversity of thought and social sensitivity.
- iii. Incorporate Well-being and Engagement Metrics into Performance Evaluation: Redefine performance appraisal systems to include metrics such as employee well-being, team cohesion, psychological safety, and participation in collective processes. These indicators are essential to track the effectiveness of compassionate and collaborative leadership interventions.
- iv. **Promote a Culture of Recognition and Shared Learning:** To sustain a compassionate and intelligent workplace, leaders should regularly recognize team contributions, promote peer-to-peer mentorship, and institutionalize reflective practices. This culture enhances engagement and builds institutional memory, fostering long-term resilience and trust.
- v. **Policy Support and Leadership Accountability:** Policymakers and boards should ensure that leadership practices are aligned with strategic values of empathy, inclusion, and adaptability. This involves setting governance standards that prioritize ethics and stakeholder engagement, while holding leaders accountable not only for results but for how those results are achieved.

#### References

Agba, M. S., & Agba, G. E. M. (2025). The Digital Economy and the Global Workforce:

Cultivating Inclusive Leadership and Global Mindsets for Managing Diversity at a

Distance. *International Journal of Public Management and Social Science Research*(IJPMSSR), 1(2), 28-43. https://transglobalpunet.com/index.php/ijpmssr/article/view/35

Andersen, T. J. (2024). Engaging Collective Intelligence in Dynamic Adaptive Organizations.

Abstract from ACM Collective Intelligence 2024, Boston, Massachusetts, United States.

- Agba, Michael Sunday & Grace Eleojo Michael Agba, (2024), IJMMSR, 1(2): 45-57
- https://research.cbs.dk/en/publications/engaging-collective-intelligence-in-dynamic-adaptive-organization
- Blackader, B., Buesing, E., Amar, J., & Raabe, J. (2025). *The contact center crossroads: Finding the right mix of humans and AI*. McKinsey & Company. https://www.mckinsey.com/capabilities/operations/our-insights/the-contact-center-crossroads-finding-the-right-mix-of-humans-and-ai
- Boyatzis, R. E., Smith, M. L., & Beveridge, 'Alim J. (2012). Coaching With Compassion: Inspiring Health, Well-Being, and Development in Organizations. *The Journal of Applied Behavioral Science*, 49(2), 153-178. https://doi.org/10.1177/0021886312462236 (Original work published 2013)
- Cox, C. (2023). Compassionate Leadership: An Essential Approach Post-COVID. *Journal of Library Administration*, 63(4), 554–565. https://doi.org/10.1080/01930826.2023.2201721
- Duan, Y., Dhingra, N., & Duffy, B. (2022). *Answering society's call: A new leadership imperative*. McKinsey & Company. https://www.mckinsey.com/capabilities/people-and-organizational-performance/our-insights/answering-societys-call-a-new-leadership-imperative
- Edmondson, A. (1999). Psychological Safety and Learning Behavior in Work Teams. *Administrative Science Quarterly*, 44(2), 350-383. https://doi.org/10.2307/2666999 (Original work published 1999)
- Engel, Y., Ramesh, A., & Steiner, N. (2020). Powered by compassion: The effect of loving-kindness meditation on entrepreneurs' sustainable decision-making. *Journal of Business Venturing*. https://doi.org/10.1016/j.jbusvent.2019.105986
- Estrada, M., Monferrer, D., Rodriguez, A., & Moliner, M. (2021). Does Emotional Intelligence Influence Academic Performance? The Role of Compassion and Engagement in Education for Sustainable Development. *Sustainability*. https://doi.org/10.3390/SU13041721
- Fineman, S. (Ed.). (2008). The emotional organization: Passions and power. Blackwell Publishing.
- Fitzgerald, M., McLean, D., & Tovstiga, G. (2017). *High-performing teams: A timeless leadership topic*. McKinsey & Company. https://www.mckinsey.com/capabilities/people-and-organizational-performance/our-insights/high-performing-teams-a-timeless-leadership-topic
- Goleman, D. (2013). Focus: The Hidden Driver of Excellence. Harper Collins.
- Gurney, N., Morstatter, F., Pynadath, D. V., Rusell, A. & Satyukov (2024). Operational Collective Intelligence of Humans and Machines. Human Interface and the Management of Information: Thematic Area, HIMI 2024, Held as Part of the 26th HCI International Conference, HCII 2024, Washington, DC, USA, June 29–July 4, 2024, Proceedings, Part III, Pages: 296-308. https://doi.org/10.1007/978-3-031-60125-5 20
- Hofstede Insights. (2022). *Country Comparison: Understanding Cultural Dimensions*. https://www.hofstede-insights.com
- Hougaard, R. & Carter, J. (2018). The Mind of the Leader: How to Lead Yourself, Your People, and Your Organization for Extraordinary Results. Harvard Business Review Press.
- Jaman, P., Faurby, A., & Rahemtulla, F. (2022). *Leading with compassion: Prioritizing workplace mental health*. McKinsey Health Institute. https://www.mckinsey.com/mhi/ourinsights/leading-with-compassion-prioritizing-workplace-mental-health
- Jeffery, B., Weddle, B., Brassey, J., & Thaker, S. (2025). *Thriving workplaces: How employers can improve productivity and change lives*. McKinsey Health Institute. https://www.mckinsey.com/mhi/our-insights/thriving-workplaces-how-employers-can-improve-productivity-and-change-lives
- Khalid, K., & Parveen, M. (2024). Compassionate leadership: As a support to enhance

Agba, Michael Sunday & Grace Eleojo Michael Agba, (2024), IJMMSR, 1(2): 45-57

- employees' core self-evaluation, retention, and subjective career success. International Journal of Organizational Leadership, 13(3), 507-528. https://doi.org/10.33844/ijol.2024.60428
- Krause V, Rousset C and Schäfer B (2023) Uncovering paradoxes of compassion at work: a dyadic study of compassionate leader behavior. *Front. Psychol.* 14:1112644. doi: 10.3389/fpsyg.2023.1112644
- Malik, M., Khan, M., & Mahmood, S. (2021). Increasing the efficiency of business process through authentic leaders and follower's attitude. *Bus. Process. Manag. J.*, 27, 529-545. https://doi.org/10.1108/BPMJ-04-2020-0162
- Malone, T. W. (2018). Superminds: The Surprising Power of People and Computers Thinking Together. Little, Brown Spark.
- Malone, T. W., Laubacher, R., & Dellarocas, C. (2010). *The collective intelligence genome*. MIT Sloan Management Review, 51(3), 21–31.
- Nielsen, N. C., D'Auria, G., & Zolley, S. (2020). *Tuning in, turning outward: Cultivating compassionate leadership in a crisis*. McKinsey & Company. https://www.mckinsey.com/capabilities/people-and-organizational-performance/ourinsights/tuning-in-turning-outward-cultivating-compassionate-leadership-in-a-crisis
- Pansini, M., Buonomo, I., & Benevene, P. (2024). Fostering Sustainable Workplace Through Leaders' Compassionate Behaviors: Understanding the Role of Employee Well-Being and Work Engagement. *Sustainability*, 16(23), 10697. https://doi.org/10.3390/su162310697
- Poje, K, Brcic, M., Kovač, M. & Krleza, D. (2023). Challenges in collective intelligence: A survey. *ResearchGate*.https://www.researchgate.net/publication/368585907\_Challenges\_in\_Collect ive Intelligence A Survey
- Powell, L. & McGuigan, N. (2024), "Looking within: cultivating compassion for shaping sustainable mindsets in accounting education", *Meditari Accountancy Research*, 32(5), 1787-1808. https://doi.org/10.1108/MEDAR-07-2023-2082
- Ramachandran, S., Balasubramanian, S., James, W., & Masaeid, T. (2023). Whither compassionate leadership? A systematic review. *Management Review Quarterly*, 1 85. https://doi.org/10.1007/s11301-023-00340-w
- Riedl, C., Kim, Y.J., Gupta, P., Malone, T. W., & A.W. Woolley, A. W. (2021). Quantifying collective intelligence in human groups, Proc. Natl. Acad. Sci. U.S.A. 118 (21) e2005737118, https://doi.org/10.1073/pnas.2005737118
- Riedl, Christoph (October 16, 2024), How to Use AI to Build Your Company's Collective Intelligence. *Harvard Business Review*, October, 2024, Available at SSRN: https://ssrn.com/abstract=5011941 or http://dx.doi.org/10.2139/ssrn.5011941
- Riedl, C., & De Cremer, D. (2025). AI for collective intelligence. *Collective Intelligence*, 4(2). https://doi.org/10.1177/26339137251328909 (Original work published 2025)
- Rosenberg, L., Willcox, G. Schumann, H., & Mani, G. (2023). Conversational Swarm Intelligence amplifies the accuracy of networked groupwise deliberations. *arXiv Preprint*. https://doi.org/10.48550/arXiv.2401.04112
- Taylor, J. (2025). It's time for collective intelligence: A new scientific paradigm for shared challenges. https://www.brookings.edu/articles/its-time-for-collective-intelligence/
- Ting, E. (2024). *Compassionate Leadership: The Key to Thriving Organizations*. LinkedIn. https://www.linkedin.com/pulse/compassionate-leadership-key-thriving-organizations-elijah-ting-egbsc
- Viner, K. (31 May, 2025). Empathy is a kind of strength': Jacinda Ardern on kind leadership, public rage and life in Trump's America. https://www.theguardian.com/world/ng-interactive/2025/may/31/jacinda-ardern-kind-leadership-public-rage-life-trump-america

Agba, Michael Sunday & Grace Eleojo Michael Agba, (2024), IJMMSR, 1(2): 45-57

- West, M. A., & Markiewicz, L. (2016). Effective teamworking in health care. In Ferlie, Ewan, Kathleen Montgomery, and Anne Reff Pedersen (eds), *The Oxford Handbook of Health Care Management* (2016; online edn, Oxford Academic, 2 June 2016), https://doi.org/10.1093/oxfordhb/9780198705109.001.0001
- West, M. A., Eckert, R., Collins, B., & Chowla, R. (2023). *Caring to Change: How Compassionate Leadership Can Stimulate Innovation in Health Care*. King's Fund. https://www.kingsfund.org.uk/insight-and-analysis/reports/caring-change
- Westover, J. H. (2024). The Heart of the Matter: Compassionate Leadership in Unfeeling Environments. *Human Capital Leadership Review*, 14(3). doi.org/10.70175/hclreview.2020.14.3.4
- Women's Agenda (23 Feb. 2023). Pursuing kindness: The lasting imprint of Jacinda Ardern's leadership. https://m-power.mecca.com/blog/pursuing-kindness--the-lasting-imprint-of-jacinda-ardern---s-leadership
- Wood, S., Luers, A., Garard, J., Gambhir, A., Chaudhari, K., Ivanova, M., & Cronin, C. (2021). Collective foresight and intelligence for sustainability. *Global Sustainability*, 4. https://doi.org/10.1017/sus.2021.3
- Woolley, A. W., Chabris, C. F., Pentland, A., Hashmi, N., & Malone, T. W. (2010). *Evidence for a collective intelligence factor in the performance of human groups*. *Science*, 330(6004), 686–688. https://doi.org/10.1126/science.1193147
- Woolley, A. W., Aggarwal, I., & Malone, T. W. (2015). Collective intelligence and group performance. *Current Directions in Psychological Science*, *24*(6), 420-424. https://doi.org/10.1177/0963721415599543