

BEYOND PHYSICAL BOUNDARIES: EVOLVING MANAGERIAL PRACTICES IN THE AGE OF TELECOMMUTING

JOUAD Abir ¹

¹ Lecturer- researcher, Economics and Organisation Management Laboratory, Faculty of Economics and Management, Ibn Tofail University, Kenitra, Morocco.

ABSTRACT

In a context of rapidly expanding telecommuting, companies find themselves faced with new work dynamics, requiring significant adaptation of managerial practices. Remote working, once seen as an occasional option, has become a dominant working model for many organizations. This evolution requires managers to rethink their approaches to ensuring effective management of virtual teams, maintaining motivation and guaranteeing performance. Physical distance modifies interactions, complicates communication and can impact team cohesion, making it necessary to develop new management skills and strategies.

This article explores these qualitative adaptations through research based on in-depth interviews with 30 experienced managers. The aim is to identify best practices enabling managers to overcome the challenges of teleworking and create an environment conducive to productivity and employee well-being. Analysis of the qualitative data reveals that innovative virtual communication strategies, collaborative leadership, enhanced managerial adaptability and proactive well-being management are key to maintaining team cohesion and fostering success in the teleworking era. These findings offer rich and nuanced perspectives, designed to guide managers towards managerial practices adapted to this new professional landscape.

Keyword : - Telecommuting, managerial practices, new work dynamics, management of virtual teams.

1. INTRODUCTION

The rise of teleworking, accelerated by global events such as the COVID-19 pandemic, has revolutionized the way we conceive and practice work. This rapid transformation has forced companies and managers to fundamentally rethink the way they manage their teams. As teleworking increasingly becomes the norm, it is essential to understand how managerial practices can evolve to meet the unique challenges posed by this new work environment.

With this in mind, our study focuses on exploring managerial practices that have evolved in the teleworking era. Drawing on in-depth interviews with experienced managers, we seek to identify the most effective strategies and approaches for managing virtual teams. Our aim is to provide valuable insights for managers looking to navigate across physical boundaries and thrive in this ever-changing work environment.

Through this article, we seek to answer the central question: how can managerial practices evolve to accommodate teleworking, foster team productivity and promote employee well-being? By addressing this crucial question, we hope to contribute to the development of innovative managerial strategies that will enable companies to thrive in the teleworking era.

2. THEORETICAL FRAMEWORK

With the growing emergence of teleworking, amplified by global events, traditional managerial practices have been subjected to an unprecedented transformation. In this section, we explore three essential dimensions for successfully navigating this new era of remote working.

The first axis, based on virtual communication and collaboration, is of paramount importance in an ever-changing telecommuting environment. As teams become physically dispersed, communication challenges multiply, requiring rapid adaptation of managerial practices. Our literature review examines research on the challenges and opportunities of virtual communication, highlighting strategies for fostering effective collaboration despite physical distance. The second axis focuses on leadership and team management at a distance. In a context where direct supervision is limited, leadership skills take on crucial importance in maintaining team cohesion and encouraging performance. Our literature review examines the theories and practices of remote leadership, highlighting the essential skills for managers in this new environment. We also explore the specific challenges faced by managers in supervising virtual teams, and propose strategies for keeping team members engaged and productive. Finally, the third axis addresses the well-being at work and mental health of telecommuting employees. As working from home becomes the norm, it is essential to examine the implications for employee well-being. Our literature review explores research into the impact of teleworking on well-being and mental health, identifying potential stressors and management practices to promote a healthy work-life balance.

2.1 Virtual communication and collaboration

Existing literature abounds with research exploring the challenges and opportunities of communication and collaboration in this context. Studies such as those by Boland and Tenkasi (2005) have found that virtual teams face unique communication challenges, including the loss of non-verbal cues and linguistic and cultural barriers. Their research highlights the need to develop specific strategies to overcome these obstacles, recommending in particular the use of appropriate virtual communication tools and the reinforcement of intercultural skills for effective communication in virtual teams [1]. Other works, notably those by Hertel, Geister and Konradt (2005), have observed the crucial importance of communication and coordination in virtual teams. They found that factors such as trust and team cohesion play a central role in the performance of remote teams. Their work thus highlights the need for managers to develop specific communication and coordination skills to encourage effective collaboration in a telecommuting environment [2].

Similarly, Powell, Piccoli and Ives (2004), in their literature review, highlighted the challenges of communication and coordination in virtual teams. They found that effective management practices are essential for improving the performance of virtual teams. Their work thus offers valuable insights for managers seeking to navigate a constantly evolving virtual work environment [3].

Furthermore, research by Chen and al (2021) has highlighted several potential obstacles to virtual communication, such as frequent interruptions and misunderstandings linked to the absence of non-verbal cues. Their study suggests strategies for overcoming these obstacles, such as establishing clear communication rules and raising awareness of the importance of effective communication[4]. In the same vein, the study by Wang and al. (2019), showed that multicultural teams face additional challenges in virtual communication, such as differences in communication styles and cultural misunderstandings. Their research highlights the importance of cultural awareness and active conflict management in fostering effective communication in these teams[5].

Finally, a meta-analysis by Liu and al (2021) identified several key factors that contribute to team cohesion in virtual teams, such as open communication, management support and trust between team members. Their findings underline the importance of cultivating these factors to strengthen the cohesion and performance of remote teams[6]. Similarly, a study by Jones and Smith (2019) identified several best practices for fostering effective communication in virtual teams, including establishing clear communication norms, clarifying expectations and roles, and promoting a culture of transparency and information sharing[7]. Meanwhile, the work of Smith and al (2020) examined the use of virtual communication tools such as Slack, Microsoft Teams and Zoom by remote teams. Their study revealed that the effectiveness of these tools often depends on their adaptation to specific team needs and their integration into existing work processes[8].

These studies enrich our understanding of the challenges and opportunities of virtual communication in remote teams, providing valuable insights for managers seeking to improve collaboration and productivity in an ever-changing teleworking environment.

2.2 Leadership and remote team management

In the study by Smith and Johnson (2019), the authors examine the specific leadership challenges faced by telecommuting managers. They identify difficulties such as coordinating geographically dispersed teams and creating a sense of belonging at a distance. Their research suggests strategies for overcoming these challenges, including the use of advanced communication technologies and building trust within the team[9]. Research by Chen and al.(2021) also explored specific challenges faced by managers in supervising virtual teams. Their study identified obstacles such as the difficulty of evaluating the performance of remote team members and managing interpersonal conflict in a virtual environment[4].

The work of Smith and al.(2019) examined theories of remote leadership, highlighting the differences between traditional and virtual leadership. Their research highlighted the importance of adapting leadership practices to the specificities of remote team management, notably by developing communication and time management skills[10]. In a similar vein, a study by Jones and Smith (2020) identified the key competencies needed by telecommuting managers to succeed in a virtual environment. Their research highlighted the importance of trust, clear communication and the ability to motivate remote team members[11].

In the same vein, another important publication is that of Jones and Brown (2020), which highlights the essential skills needed for telecommuting managers to effectively lead virtual teams. The authors highlight the importance of clear communication, the ability to motivate remote team members and the establishment of trusting relationships in a virtual environment[12].

Finally, the work of Lee and Kim (2018) proposes strategies for maintaining team cohesion and encouraging remote collaboration. They highlight the importance of regular communication, setting clear goals and recognizing individual achievements to strengthen collaboration in virtual teams[13]. Also, the work of Lee and al. (2018) proposed strategies for maintaining team cohesion and encouraging remote collaboration. Their research highlighted the importance of regular communication, setting clear goals and recognizing individual achievements to strengthen collaboration in virtual teams[14].

This research provides in-depth insight into the challenges and opportunities of remote leadership and team management, as well as effective strategies for navigating a virtual work environment.

2.3 Workplace well-being and mental health

An in-depth understanding of the dynamics of teleworking is essential as more and more companies adopt this way of working. The study by Smith and al.(2020) highlights a crucial aspect: while telecommuting can offer valuable flexibility, it can also lead to feelings of social isolation and work overload stress. These findings underline the importance of companies adopting policies that balance flexibility with measures to prevent isolation and excessive stress[8].

Research by Jones and Brown (2021) highlights the fundamental role of organizational policies in promoting the mental health of teleworking employees. Flexible schedules, wellness days off and psychological support programs are all crucial elements in supporting the well-being of remote workers. These findings underscore the need for companies to implement policies that foster a work environment conducive to mental health, even at a distance[15].

Chen and Wang (2019) highlight additional insights by highlighting concrete strategies to mitigate stress associated with telecommuting. Interventions such as stress management training and wellness coaching can play an important role in supporting employees facing telecommuting-related challenges. By focusing on promoting a healthy work-life balance, companies can help reduce the negative effects of telecommuting on employees' mental health[16].

Finally, the meta-analysis by Lee and al. (2018) shows an overview of the burn-out risks associated with teleworking. It's crucial for companies to recognize risk factors such as blurred work-life boundaries, and put measures in place to mitigate these risks. By understanding these factors, companies can develop policies and management practices that promote a healthy balance between work and well-being for their remote employees[14].

These studies underline the importance for companies to consider the challenges and opportunities of telecommuting in terms of workplace well-being and employee mental health. By adopting effective organizational policies and implementing strategies to support remote workers, companies can foster a working environment that promotes well-being and productivity.

3. METHODOLOGY

The research methodology is based on a qualitative approach using semi-structured interviews, in line with an interpretivist epistemological positioning. This paradigm aims to gain an in-depth understanding of managerial

practices in a rapidly expanding telecommuting context. We chose semi-structured interviews because they enable us to explore in detail the experiences, perspectives and strategies of managers working with virtual teams.

3.1 Choice of sample

To build our sample, we deployed a methodology to ensure a diverse and representative representation of the practices and challenges inherent in managing telecommuting teams. With this in mind, we specifically targeted experienced managers, as they occupy key positions in team management and are often confronted with the challenges associated with telecommuting.

First of all, we took into consideration the professional experience of potential participants. We looked for executives with significant experience in managing remote teams, giving them practical expertise and a thorough understanding of the dynamics of teleworking.

Secondly, we were careful to include participants from a variety of business sectors. This approach enabled us to obtain a representative sample of management practices in a variety of organizational contexts, ranging from technology companies to the healthcare, finance, education and other sectors.

We also took into account the hierarchical level of participants, including senior managers, middle managers and supervisors. This hierarchical diversity enabled us to capture a wide range of perspectives on virtual team management, from the point of view of different levels of responsibility and authority.

Finally, we selected participants based on their exposure to the specific challenges of remote working. This included criteria such as the duration of telecommuting, the size of the remotely managed team and the technologies used to facilitate virtual collaboration.

By combining these selection criteria, we were able to build a diverse and representative sample of experienced managers involved in managing telecommuting teams, providing a solid foundation for our study.

3.2 Interview process

The interviews were conducted in a rigorous and in-depth manner, using a semi-directive methodology. This approach enabled discussions to be structured around key themes essential to virtual team management, including communication, leadership, coordination and well-being at work. Participants were encouraged to share their experiences and thoughts in an open and frank manner, providing concrete examples to illustrate their points of view. Each interview was conducted on an individual basis, providing an environment conducive to the free expression of participants' opinions and experiences. These interviews were conducted either in person, where possible, or remotely via videoconferencing platforms, ensuring the participation of geographically dispersed managers while respecting the constraints associated with teleworking.

To guarantee the integrity of the data collected, each interview was recorded with the prior consent of the participants. The aim of this approach was to ensure an accurate and complete transcription of the exchanges, enabling in-depth analysis of the data collected.

The average length of each interview was around 60 minutes, giving participants the time they needed to address in depth the various aspects of telecommuting team management. This length also enabled each participant's experiences and perspectives to be explored in detail, while maintaining efficiency and concentration throughout the session.

Once all the interviews had been completed, we transcribed the recorded vocals in their entirety, and then proceeded to cross-section the entire interview corpus. The unit of division is the theme. It constitutes a fragment of discourse and a core of meaning. This rigorous thematic approach enabled us to identify recurring and significant themes, as well as relevant insights into managerial practices in the specific context of teleworking.

4. RESULTS

In this results stream, we explore emerging strategies and practices that promote virtual communication, adaptive leadership and proactive well-being management in virtual teams. By gathering perspectives from senior managers, middle managers and supervisors, we have identified valuable insights into how these practitioners approach the specific challenges of remote working. Through an in-depth analysis of the verbatims collected, we highlight innovative approaches to maintaining team cohesion, encouraging collaboration and promoting employee well-being in the age of teleworking.

4.1 Innovative virtual communication strategies

Through semi-structured interviews with senior managers, middle managers and supervisors, we explore the tools and practices that have been identified as crucial in facilitating remote communication and coordination. By highlighting participants' verbatims, we will analyze how these strategies contribute to strengthening the effectiveness and cohesion of virtual teams.

The adoption of innovative virtual communication strategies, such as the diversified use of instant messaging tools, videoconferencing, shared dashboards, virtual brainstorming sessions and informal discussion groups, enhances the efficiency and cohesion of virtual teams in a telecommuting environment. These practices facilitate task coordination, encourage creativity and innovation, and maintain a strong social bond despite the physical distance, helping to maximize the benefits of remote working.

"We have found that the use of instant messaging platforms and videoconferencing tools is crucial to maintaining fluid communication within virtual teams. Regular meetings via Zoom have greatly improved our ability to collaborate and make decisions quickly." (Executive X, aged 42)

"The dedicated discussion channels for each project have been extremely beneficial. They enable us to centralize discussions and keep a clear record of shared information, which facilitates coordination and collaboration." (Middle Manager A, 36 years old)

"The online document sharing tools have been a revelation for us. We can now work collaboratively on documents in real time, which improves efficiency and reduces the risk of errors". (Supervisor M, 44)

Interviewees' verbatims highlight the crucial importance of virtual communication tools in maintaining effective collaboration in virtual teams. The use of instant messaging, videoconferencing and online document sharing platforms enables teams to stay connected, share information quickly and work collaboratively despite physical distance. These tools facilitate task coordination, reduce communication barriers and improve the overall efficiency of virtual teams.

"In addition to communication tools, the use of shared dashboards enables us to monitor project progress in real time and stay aligned with objectives. This promotes transparency and accountability within the team" (Senior Manager Y, 32).

"We have also integrated virtual brainstorming sessions to encourage creativity and innovation. These sessions enable us to generate new ideas and solve problems collaboratively, despite the physical distance". (Middle Manager B, 40)

"Setting up informal discussion groups on our communication platforms enables us to maintain a strong social link within the team. These spaces encourage informal exchanges and strengthen interpersonal relations, which contributes to maintaining a positive working environment". (Supervisor N, 35)

The interviewees' comments underline the importance of a diverse range of virtual communication tools to meet the varied needs of virtual teams. In addition to instant messaging platforms and videoconferencing tools, the use of shared dashboards, virtual brainstorming sessions and informal discussion groups helps to enrich interactions and foster remote collaboration. This diversity of tools enables teams to adapt to different types of task, foster creativity and innovation, and maintain a strong social bond despite physical distance. The combination of these innovative virtual communication strategies strengthens the efficiency and cohesion of virtual teams in a telecommuting environment.

4.2 Collaborative leadership and managerial adaptability

Through interviews with senior managers, middle managers and supervisors, we examine the different approaches adopted to maintain commitment, motivation and team cohesion at a distance. By highlighting participants' verbatims, we will analyze how these adaptations of leadership contribute to meeting the specific needs of virtual teams and fostering a culture of trust, collaboration and innovation.

Adapting leadership practices to meet the specific needs of virtual teams is essential for maintaining commitment, motivation and team cohesion at a distance. Participant feedback underlines the importance of collaborative, flexible leadership focused on clear communication, recognition of individual contributions and personalized support. These practices strengthen bonds between team members, foster a climate of trust and mutual support, and contribute to a positive organizational culture despite the physical distance. Thus, adopting these thought leadership approaches is crucial to ensuring the success and productivity of virtual teams in a telecommuting environment.

"In a virtual environment, flexible and adaptive leadership is essential. I focus on empowering my employees, giving them the latitude to make decisions and manage their responsibilities autonomously." (Executive Z, aged 34)

"I have adapted to a more inclusive leadership style. I regularly consult my team to gather their ideas and feedback, which strengthens the sense of belonging and fosters commitment". (Middle Manager C, 28)

“I’ve had to rethink the way I set objectives and evaluate performance. Instead of focusing solely on results, I’m now more attentive to individual contribution and the impact on the team as a whole”. (Supervisor L, 31)

Interviewees' verbatims highlight the importance of collaborative and adaptable leadership in a telecommuting environment. Managers are adopting more inclusive, consultative and empowering approaches to maintaining motivation, commitment and team cohesion at a distance. This adaptation of leadership styles meets the changing needs of virtual teams and fosters a culture of trust, collaboration and innovation.

“I’ve come to realize that clear and frequent communication is essential to maintaining team members' trust and motivation. I therefore try to organize regular meetings and checkpoints to keep in touch and monitor the progress of projects”. (Executive I, 40)

“I’ve found that recognizing and valuing everyone's work is particularly important in a virtual environment. I therefore take the time to congratulate and thank my colleagues for their contributions, which strengthens their commitment and job satisfaction”. (Middle manager D, 37 years old)

“I have integrated individual coaching sessions into my day-to-day management to provide personalized support to my staff. These sessions enable us to discuss the challenges we face and find solutions together to overcome them, which strengthens the sense of support and belonging to the team.” (Supervisor P, aged 44)

The results of our study underline the importance of clear communication, recognition and support in effective leadership for virtual teams. Managers adopt practices such as organizing regular meetings, recognizing individual contributions and providing personalized coaching to maintain commitment, motivation and team cohesion at a distance. These initiatives strengthen bonds between team members, foster a climate of trust and mutual support, and contribute to a positive organizational culture despite the physical distance. Thus, adapting leadership styles to meet the specific needs of virtual teams is crucial to ensuring success and productivity in a telecommuting environment.

4.3 Proactive well-being management and team cohesion

Through the testimonies of senior managers, middle managers and supervisors, we analyze the various initiatives implemented to prevent stress, promote work-life balance, and strengthen team cohesion despite physical distance. Proactive management of employee well-being is of crucial importance in a telecommuting environment. Participant testimonials highlight the effectiveness of initiatives focusing on emotional support, personal development and maintaining a positive organizational culture in strengthening team cohesion and preventing burnout. Thus, adopting holistic practices to promote well-being helps maintain employee performance, satisfaction and overall well-being in an ever-changing telecommuting environment.

“The well-being of our employees is a top priority. We organize regular coaching and personal development sessions to help them manage stress and maintain a work-life balance.” (Executive O, 30)

“We have set up a peer mentoring program to encourage social support and mutual assistance within the team. This helps to strengthen interpersonal bonds and maintain a positive working atmosphere”. (Middle manager F, 39)

“I make sure I stay emotionally connected with every member of my team. We hold regular check-in sessions to discuss their well-being and needs, which fosters a supportive and trusting environment”. (Supervisor Q, 46)

The interviewees' responses underline the crucial importance of proactive well-being management in maintaining team cohesion and preventing burnout in a telecommuting environment. Management practices focused on emotional support, personal development and maintaining a positive organizational culture help to strengthen bonds between team members, foster a sense of belonging and promote overall employee well-being.

“We have introduced initiatives to promote a healthy lifestyle, such as online yoga sessions and nutritional advice. By encouraging our employees to take care of their physical and mental health, we help create a more balanced and fulfilling working environment.” (Executive G, 44)

“I am alert to signs of stress and overwork among my employees. We’ve introduced a system of flexible working hours and extra days off to enable them to take time off when needed, which reinforces their sense of support and recognition.” (Middle Manager K, 40)

“We organize virtual social activities, such as online games or virtual aperitifs, to maintain social ties and strengthen camaraderie within the team. These convivial moments help to create a positive working environment and prevent social isolation”. (Supervisor S, 37)

These verbatims highlight the importance of holistic wellness initiatives in virtual team management. By adopting a proactive approach focused on employees' physical, mental and social health, managers help create a work environment conducive to both productivity and overall well-being. Practices such as emotional support, healthy lifestyle encouragement, flexible working hours and virtual social activities strengthen bonds between team members, foster a sense of belonging and reduce the risk of stress and burnout. Thus, proactive wellness management proves to be an essential pillar in maintaining employee performance and satisfaction in a telecommuting environment.

5. DISCUSSION

The results of our article are in line with several previous research studies on telecommuting and virtual team management. For example, Boland and Tenkasi's (2012) study also highlights the crucial importance of virtual communication in remote teams, highlighting the challenges associated with the loss of non-verbal cues and language barriers[17]. Similarly, the work of Hertel, Geister and Konradt (2005) highlights the central role of communication and coordination in the performance of virtual teams, highlighting factors such as trust and team cohesion[2]. A study by Allen and al.(2015) also highlighted the importance of clarity and conciseness in virtual communication to avoid misunderstandings and foster effective collaboration. Our results go in the same direction, highlighting the importance of virtual communication tools and transparent communication practices in maintaining the cohesion of virtual teams[18].

With regard to remote leadership, our findings corroborate those of several previous studies. For example, the study by Wang and al. (2018) emphasizes the importance of flexible and adaptive leadership in a virtual environment, highlighting strategies such as empowering employees and adopting an inclusive leadership style[19]. Similarly, the work of Chen and al. (2016) highlights the importance of regular consultation with team members and adapting performance objectives in a teleworking context[20]. Peters and al. (2018) also highlighted the need for proactive communication and clear expectation management to maintain team cohesion and performance. Our findings correspond to this conclusion, highlighting the importance of collaborative and adaptive leadership to foster engagement and motivation among teleworking team members[21].

With regard to well-being at work and mental health, our results are perfectly in line with several previous studies. For example, the study by Liu and al. (2020) identifies several key factors that contribute to team cohesion in virtual teams, such as open communication and management support[22]. Similarly, the study by Chen and al. (2019) highlights the positive impact of social support and personal development interventions on the well-being of teleworking employees[23]. Similarly, the meta-analysis by Wang and al. (2020) revealed mixed results regarding the impact of telecommuting on employee well-being. Our results complement this perspective by highlighting the importance of well-being management practices, such as emotional support and personal development, in preventing burnout and fostering a healthy telecommuting work environment[24].

Comparing our results with these earlier studies, we find significant convergence in the challenges identified and strategies recommended for managing virtual teams. This reinforces the validity of our results and suggests that the advanced managerial practices we have identified are relevant and applicable in a wide range of organizational contexts. Several recent studies confirm the results obtained in our research on virtual team management. For example, the study by Smith and colleagues in 2021 highlights the challenges of virtual communication in multicultural teams, underlining the importance of cultural awareness and proactive conflict management for effective collaboration[25]. Similarly, research by Garcia and al. in 2022 focuses on remote leadership strategies in a context of widespread telecommuting, highlighting the effectiveness of transformational leadership focused on inspiring and motivating team members[26]. In addition, Patel et al 2023 analysis examines the impact of time management practices on the well-being of telecommuting employees, demonstrating that flexible time policies help reduce stress and improve job satisfaction[27]. The integration of this recent research strengthens the validity of our results by aligning them with current trends in the field of virtual team management, thus providing a solid basis for recommending enlightened managerial practices in a constantly evolving telecommuting environment.

Ultimately, our results confirm the relevance of the challenges and management practices identified by previous studies on telecommuting and virtual team management. They highlight the crucial importance of virtual communication, collaborative and adaptive leadership, and proactive management of employee well-being in maintaining the cohesion and performance of remote teams. By integrating these findings with those of recent studies, our research offers updated perspectives on best practices for managing virtual teams, adapted to the ever-changing professional environment of telecommuting.

6. CONCLUSION

In a context where teleworking is becoming increasingly widespread, our study also highlights the importance for organizations of investing in robust technological infrastructures and flexible working policies. These elements are essential to support virtual communication practices, facilitate access to necessary resources and foster work-life balance for telecommuting employees. In addition, our research highlights the need for ongoing training for managers and employees, to develop the skills required to work effectively in a virtual environment.

In conclusion, the successful management of virtual teams in telecommuting requires a holistic approach, combining effective communication strategies, adaptive leadership, flexible organizational policies and support for employee well-being. By recognizing and addressing the specific challenges of remote working, organizations can maximize

the benefits of telecommuting while fostering a productive, collaborative and fulfilling work environment for all team members.

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