READINESS OF UT STUDENTS IN SUPPORTING THE ACCELERATION OF SDGS AMID THE CHALLENGES OF AN ECONOMIC RECESSION

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Abstract

This study aims to investigate the readiness of Human Resources (HR) of Open University (UT) students in supporting the acceleration of Sustainable Development Goals (SDGs) amidst the challenges of an economic recession. The research methodology involves surveys and data analysis to evaluate students' understanding, views, and knowledge of the role of HR in achieving the 2025 SDGs during a period of economic recession. The research results show that the majority of students have a diverse understanding of the concept of HR in the context of an economic recession and support investment in HR development. However, obstacles to access to the technology needed to support HR understanding were also identified. This research makes a new contribution by exploring the readiness of UT student human resources which was poorly understood in the previous literature. In conclusion, efforts to maximize the potential of UT students in supporting the SDGs in facing an economic recession require improved education, training, collaboration, and greater technological support. These findings highlight the need for the role of higher education in preparing young people to contribute to sustainable development and overcome global economic challenges.

Keywords: UT students, accelerating the SDGs, economic recession

Introduction

Achieving Sustainable Development Goals (SDGs) has become the main focus in global efforts to create a more sustainable world by 2030. Since being adopted by the United Nations in 2015, SDGs have become universal guidelines for countries around the world in efforts to achieve sustainable development goals (Leal Filho et al., 2019). The SDGs agenda covers various aspects, including poverty eradication, good health, quality education, gender equality, access to clean water, and environmental protection (Kanchlerla et al., 2022). In the context of achieving the Sustainable Development Goals (SDGs), the ultimate goal is to create a more just, safe and sustainable world for all world citizens (Holzinger et al., 2021). The SDGs cover diverse aspects of development, including eliminating poverty, eradicating hunger, improving health and education, environmental protection, and more (Hasegawa et al., 2019). All this has a purpose to create a world where everyone has equal opportunities for development, where social and economic inequality is reduced, and where the natural environment is safeguarded for future generations. However, economic challenges such as recession may hinder progress towards this goal. Therefore, the active role of youth, including university students, in supporting the accelerated achievement of the SDGs when facing an economic recession is crucial to realizing this vision. With the right education, training and commitment, students can become powerful agents of change in achieving a more sustainable, inclusive and just world.

In an effort to achieve the SDGs, global economic challenges often become significant obstacles. One of the main challenges is the economic recession, which can hinder progress towards achieving these goals (Coombs, 2020). An economic recession can result in reduced budgets for development projects, which is unemployment increasing, and economic instability that could disrupt sustainable development efforts (Chugunov et al., 2021). In this context, the role of youth, including university students, becomes increasingly important. The younger generation has the potential to become strong agents of change in mitigating the impact of the economic recession and accelerating the achievement of the SDGs (Van Zanten et al., 2021). They bring passion, innovation and commitment to contribute to sustainable development. Therefore, students' understanding, knowledge, and readiness to face the challenges of an economic recession are important factors in the journey towards the SDGs.

In an effort to achieve the SDGs, global economic challenges often become significant obstacles. One of the main challenges is the economic recession, which can hinder progress towards achieving these goals (Grossman and Helpman, 2019). An economic recession can result in reduced budgets for development projects, which is unemployment increasing, and economic instability that could disrupt sustainable development efforts (Chugunov et al., 2021). In this context, the role of youth, including university students, becomes increasingly important. The younger generation has the potential to become strong agents of change in mitigating the impact of the economic recession and accelerating the achievement of the SDGs (Van Zanten et al., 2021). They bring passion, innovation and commitment to contribute to sustainable development. Therefore, students' understanding, knowledge, and readiness to face the challenges of an economic recession are important factors in the journey towards the SDGs.

However, the journey towards achieving the Sustainable Development Goals (SDGs) does not always run smoothly, especially when the world is faced with the challenge of an economic recession that can disrupt the progress of sustainable development (United Nations. Department of Economic and Social Affairs, 2022). In this context, the role of youth, including university students, becoming increasingly important. The younger generation has the potential to be a strong agent of change in mitigating the impact of the economic recession
and accelerating the achievement of the SDGs (Shulla et al., 2021). They bring passion, innovation and commitment to contribute to sustainable development. Therefore, students’ understanding, knowledge and readiness to face the challenges of an economic recession are important factors in the journey towards the SDGs. Therefore, equipping university students with the knowledge, skills and commitment to play an active role in the sustainable development agenda is a must. In this context, it is important to understand the extent to which university students, including students at the University of Technology (UT), are ready and motivated to support the acceleration of achieving the SDGs in facing the challenges of an economic recession that may arise. Through this research, we can analyze the views, knowledge and readiness of UT students support efforts to achieve the SDGs, and how education and training can play an important role in preparing them to face difficult economic conditions while playing an active role in sustainable development.

Methods
This study employs a mixed-method research approach to comprehensively assess the readiness of Human Resources (HR) among Universitas Terbuka (UT) students for supporting the acceleration of Sustainable Development Goals (SDGs) amidst economic recessions. The research methodology consists of both quantitative and qualitative components, allowing for a multifaceted exploration of students’ perceptions and capabilities related to HR in the context of economic downturns.

A structured survey questionnaire is administered to a representative sample of UT students. The survey is designed to gauge their understanding of HR concepts in the context of economic recessions, their perspectives on the role of HR in achieving SDGs by 2025 amid a recession, and their access to technology relevant to HR understanding. The questionnaire employs Likert-scale questions to quantify responses, facilitating statistical analysis. The survey data provides quantitative insights into the prevailing sentiments and awareness levels among UT students.

Complementing the quantitative phase, in-depth interviews are conducted with a subset of survey participants. These interviews offer a deeper exploration of students’ perceptions, experiences, and ideas related to HR in the context of economic recessions and SDGs. Through open-ended questions, participants have the opportunity to express their views more elaborately, allowing for a nuanced understanding of their perspectives. Qualitative data from these interviews is thematically analyzed to extract rich insights and narratives.

Quantitative data from the surveys are subjected to statistical analysis using software such as SPSS. Descriptive statistics, such as means, standard deviations, and percentages, are calculated to summarize and interpret survey responses. Additionally, inferential statistics, such as correlation and regression analysis, are employed to discern relationships and associations between variables.

Qualitative data from the in-depth interviews undergoes thematic analysis. This involves a systematic process of identifying, coding, and categorizing recurring themes and patterns within the qualitative dataset. Themes and insights extracted from these interviews provide a deeper understanding of the qualitative aspects of students’ HR readiness.

This research prioritizes ethical guidelines and obtains informed consent from survey participants and interviewees. Participants’ anonymity and confidentiality are rigorously maintained, and their rights and privacy are protected throughout the research process.

Results and Discussion
Based on the questions asked, we have explored the extent of respondents’ understanding and interest regarding the concept of Human Resources (HR) in the context of Accelerating Sustainable Development Goals (SDGs) 2025 related to the issue of economic recession. In addition, we also explore the extent to which respondents believe that HR can play a role in dealing with an economic recession and how important mastery of this concept is in this situation. In addition, we will consider whether respondents have prior knowledge or access to the technology necessary to support HR-related understanding in the context of the 2025 SDGs and economic recession. Finally, we explore respondents’ interest in improving human resources related to SDGs 2025 in educational or professional environments as an effort to face the issue of economic recession. With this information, we have directed further discussion on the impact of the economic recession on various aspects of the 2025 SDGs.

The HR concept in accelerating the 2025 Sustainable Development Goals (SDGs) is related to the issue of economic recession
In order to understand the crucial role of Human Resources (HR) in achieving the 2025 Sustainable Development Goals (SDGs), we need to consider the possible impacts of an economic recession. As a first step, let’s explore the concept of HR in the context of the 2025 SDGs which will form the basis of our analysis. With this solid understanding of the role of HR, we will be better equipped to analyze how an economic recession may affect various aspects of the 2025 SDGs. In the pie chart we will display, we will see how these elements are connected and impact each other.
Figure 1 shows the level of public understanding of the concept of HR in the context of the 2025 SDGs related to the economic recession. There are four groups based on the level of understanding: First, the Very Familiar group (14.8%), who have a deep understanding of this topic, may even be involved in efforts related to SDGs 2025 in dealing with recession. Then, the majority are the Fairly Familiar group (42.2%), who have a basic understanding but need to go deeper to connect HR and SDGs during a recession. There are also those who are slightly familiar (31.9%), perhaps have heard of it but haven’t looked into it. Finally, there are those who are not at all familiar (11.1%), who admit that they do not know anything about the concept of HR in the context of the 2025 SDGs and the economic recession. With this level of understanding, we can adapt learning approaches and strategies or understand more deeply the role of HR in achieving sustainable development goals in the face of an economic recession.

Different levels of understanding in Among the respondents indicated that there are still many who need to gain further understanding of the HR concept in the context of the SDGs and the economic recession, indicating that there is room for further education and outreach, especially for those who are not familiar with this concept. This finding is supported by previous research. For example, research by Tomislav (2018), Chams & García-Blandón (2019), Michael et al. (2020) highlighted that the level of understanding of the concept of HR in the context of sustainable development is still limited among the general public. This research found that there is a lack of understanding of the key role played by human resources in achieving sustainable development goals can be a serious obstacle in efforts to face economic challenges, such as a recession. Another reference from Di Vaio et al. (2020), Sorribes et al. (2021), Cooke et al. (2022) show that education and training that focuses on the concept of HR in the context of the SDGs and the economic recession can increase public understanding and awareness. The results of this study underscore the importance of greater educational efforts to bridge gaps in understanding. All of these references are in line with the findings of the current research and support the idea that further education efforts are urgently needed to increase understanding of HR in the context of the 2025 SDGs, especially during an economic recession.

Acceleration of Sustainable Development Goals (SDGs) 2025 related to the issue of economic recession

In an increasingly complex context and rapidly growing global challenges, the Acceleration of the 2025 Sustainable Development Goals (SDGs) is becoming increasingly important in our efforts to achieve sustainable development. However, one issue that cannot be ignored is the economic recession, which can have a significant impact on the progress of the SDGs. To understand in more depth how an economic recession can affect the achievement of the 2025 SDGs, let's see in the form of a pie chart how these elements are interrelated and impact one another. This will help us identify focus points and measures that need to be taken to maintain a sustainable course of development in a difficult economic situation.

Figure 2 illustrates respondents' interest in accelerating the 2025 Sustainable Development Goals (SDGs) related to the issue of economic recession. The majority of respondents, namely 92% (22.5% very interested and 69.4% interested), showed strong or moderate interest in this topic, reflecting awareness of the urgency of the issue and the possibility of active participation in efforts to achieve the SDGs in the face of a recession. Only a small number of respondents, namely 7.2% who were less interested and 0.9% who were not interested, may need more information or encouragement to understand the relationship between economic recession and the SDGs. By understanding this level of interest, we can look for opportunities to raise awareness and engage more people in overcoming the challenges of economic recession in the context of the 2025 SDGs, which can drive progress in sustainable development.
The majority of respondents indicated an interest in this topic, be it very interested or interested. This is a positive indication as it shows a willingness to learn and participate in efforts to achieve the SDGs while facing an economic recession. This high level of interest can be used to motivate further education and awareness efforts (Blotnicky et al., 2018). Of course, the high interest shown by the majority of respondents to this topic is a positive indication. This shows their willingness to be involved and contribute to efforts to achieve the SDGs while facing an economic recession.

The results of previous studies also support these findings. For example, in a study by Tien et al. (2020), Shulla et al. (2021), Al-Qudah et al., (2022) found that individuals’ interest in sustainable development increases when they have a better understanding of the economic and social impacts of issues such as recessions. This creates opportunities for increase community participation in initiatives that support the achievement of the SDGs. Other research by Nousheen et al (2020) and Hall (2021) also highlights that high levels of interest in sustainable development issues can motivate individuals to seek additional knowledge and play an active role in positive change. This is a valuable resource in the face of economic challenges such as a recession. Thus, the findings from the current research regarding respondents’ interests can be strengthened by referring to the results of previous research that supports the importance of interest and awareness in achieving the SDGs in the context of economic recession. This can provide a more solid foundation for efforts to educate and encourage community participation in sustainable initiatives.

HR in the Acceleration of Sustainable Development Goals (SDGs) 2025 can provide benefits for success in dealing with the issue of economic recession

It is important to understand how Human Resources (HR) can be the key to success in facing the issue of economic recession in the context of Accelerating Sustainable Development Goals (SDGs) 2025. Quality and educated human resources can be a valuable asset in maintaining and accelerating progress towards achieving the SDGs, even in difficult economic conditions. Before we get into the pie chart illustrating the relationship between HR and economic recession in the context of the 2025 SDGs, let's introduce this concept and why it is important. That way, we can better understand how investment in human resources can bring significant benefits in facing global economic challenges that may arise.
Figure 3 illustrates the level of respondents’ agreement with the statement that Human Resources (HR) can provide benefits for success in dealing with the issue of economic recession in the context of Accelerating Sustainable Development Goals (SDGs) 2025. The large majority, namely 73.5% (19.4% strongly agree and 54.1% agree), supports the idea that human resource development has a key role in dealing with economic recession and achieving SDGs 2025. A small majority, namely 26.1%, felt neutral, perhaps needing more information. Only 0.4% disagreed, while no one strongly disagreed, indicating that the majority of respondents support investment in human resource development as an important part of the strategy to overcome global economic challenges.

The majority of respondents agree or strongly agree that HR can provide benefits for success in dealing with the issue of economic recession. This reflects the belief that investment in human resource development is the right step to overcome economic challenges. Of course, the finding that the majority of respondents agree or strongly agree that Human Resources (HR) can provide benefits for success in dealing with the issue of economic recession is consistent with the results of previous research.

For example, research conducted by Ahlstrom et al. (2020) and Yawson (2020) shows that human resource development is one of the key factors in mitigating the negative impact of an economic recession. The research highlights how improving workforce quality, skills and education can help organizations and society as a whole to be more resilient to the economic pressures that come with a recession. Additionally, other studies by Okay-Somerville & Scholarios (2019) and Cesaroni et al. (2020) emphasized the importance of investment in human resource development as a strategy to maintain and increase economic competitiveness when facing a recession. The results of this research also highlight how human resource development can contribute to long-term economic growth.

Thus, the findings from the current research that respondents agree that HR can provide the benefits of success in dealing with an economic recession can be strengthened by referring to the results of previous studies which confirm the important role of HR in overcoming serious economic issues such as recessions. This can strengthen understanding of the importance of investing in human resource development in an effort to achieve sustainable development goals while facing economic uncertainty.

**HR in Accelerating Sustainable Development Goals (SDGs) 2025 related to the issue of economic recession**

Combining Human Resources (HR) with efforts to accelerate the 2025 Sustainable Development Goals (SDGs) in facing the economic recession is one of the important aspects of the current sustainable development agenda. The SDGs are a global vision for achieving inclusive and sustainable growth, and the impact of an economic recession could pose a significant challenge in achieving this goal. Before we explore further in the pie chart, let's explore how the role of HR in overcoming economic recessions can form the basis for a better understanding of how we can integrate SDGs policies and efforts into this difficult economic context.

Figure 4 illustrates the views of respondents on the role of Human Resources (HR) in achieving the 2025 Sustainable Development Goals (SDGs) in the context of an economic recession. The overwhelming majority, namely 74.9% (16.7% very positive and 58.2% positive), have an optimistic and positive view of the role of HR in advancing the 2025 SDGs even in the face of an economic recession. A small portion, namely 24.5%, was neutral, perhaps needing further information. Only a small number, namely 0.6%, have a negative view. Nothing is particularly negative, indicating that the majority of respondents support the role of HR as an important driver in achieving sustainable development goals, in line with previous research findings on the link between HR and sustainable development.
For example, studies conducted by Szabo et al (2020) and Khalid et al (2021) show that human resource development is one of the key factors in increasing a country's ability to achieve SDGs targets. This research notes how improving education, training and HR skills can have a positive impact in addressing problems such as poverty, inequality and climate change, all of which are closely linked to the SDGs. In addition, research conducted by Brunello & Wruuck (2021) and Messabia et al (2022) emphasizes that quality and skilled human resources can be a valuable resource in facing economic crises, including recessions. By having human resources capable of adapting and innovating, organizations and society can be more resilient to the economic pressures that come with a recession.

By referring to studies like these, we can strengthen the understanding that HR plays an important role in achieving SDGs 2025, even in a difficult economic situation such as a recession. This can provide a strong basis for advocating investment in education, training and human resource development as an integral part of sustainable development strategies.

**Strengthening Human Resources in Accelerating Sustainable Development Goals (SDGs) 2025 in facing economic Recession conditions**

In facing the challenges of a complex economic recession, mastering the concept of Human Resources (HR) becomes increasingly important in efforts to achieve the 2025 Sustainable Development Goals (SDGs). The strength of HR, including education, skills and human capacity, can act as the main driver in maintaining continuity of sustainable development in difficult economic conditions. Before we continue with the pie chart that will visualize the relationship between HR and economic recession in the context of SDGs 2025, let's discuss why mastering HR concepts is very important in overcoming this economic recession. With this understanding, we will be better prepared to analyze and plan appropriate strategies to face global economic challenges.

Figure 5 illustrates how important respondents consider mastering the concept of Human Resources (HR) in facing economic recession conditions in the context of Accelerating Sustainable Development Goals (SDGs) 2025. The large majority, namely 79.6% (33.5% very important and 46.1% important), recognize its importance HR concept, shows awareness of its central role in maintaining sustainable development even when the economy faces serious challenges. A small majority, namely 19.6%, saw it as quite important, perhaps with a focus on other aspects of dealing with a recession, while a very small minority, only 0.7%, saw it as less important. However, no one considered it not important at all, indicating the link recognized by the majority of respondents between HR and success in facing economic recession in achieving the 2025 SDGs. This is also consistent with previous research findings regarding the importance of HR in the development context sustainable.

Research conducted by Obrenovic et al (2020) and Tomcikova et al (2021) highlights that in a situation of economic recession, effective HR management can be one of the keys to maintaining business and organizational continuity. In this study, it was found that organizations that have a skilled, knowledgeable, and adaptable workforce are more likely to survive and even thrive during a recession. In addition, research by Malik & Garg (2020) and Dirani et al (2021) emphasizes the importance of continuous education and training to develop strong and adaptive human resources. In an unstable economic situation, organizations and individuals who have a deep understanding of HR management will be better prepared to face changes and challenges.

By referring to these studies, we can strengthen the argument that mastering HR concepts is important, especially in facing an economic recession, and that investment in HR development is a wise strategy in supporting the SDGs goals.
Previous knowledge in developing human resources in accelerating the 2025 Sustainable Development Goals (SDGs) related to the issue of economic recession

Before we explore the level of respondents' previous knowledge about Human Resources (HR) development in the Acceleration of the 2025 Sustainable Development Goals (SDGs) regarding the issue of economic recession, let's consider the extent to which understanding of this concept can influence contribution and success in achieving sustainable development goals. Prior knowledge can form the basis for more effective action in dealing with the challenges of an economic recession in the context of the 2025 SDGs. After that, we will explore in a pie chart how familiar respondents are with this concept.

**Figure 6. Previous Knowledge in Developing Human Resources in Accelerating the 2025 Sustainable Development Goals (SDGS) Related to the Issue of Economic Recession**

Figure 6 reflects the level of knowledge and previous experience of the respondents in developing Human Resources (HR) in the context of Accelerating the 2025 Sustainable Development Goals (SDGs) regarding the issue of economic recession. A minority, 14.3%, have sufficient knowledge and experience, demonstrating a good understanding of HR concepts and possible participation in recession-related projects. The majority, namely 48.7%, have knowledge without significant practical experience. They understand HR concepts but have not been directly involved in implementation. While 36.9% claimed to have no prior knowledge or experience in this regard, perhaps due to limited understanding or a different prior focus in HR development.

Most respondents acknowledged the importance of mastering HR concepts in facing an economic recession. This reflects awareness of the critical role played by HR in maintaining and accelerating progress towards the SDGs. The importance of mastering the concept of Human Resources (HR) in facing an economic recession recognized by most respondents is in line with findings in several previous studies.

Research conducted by Obrenovic et al (2020) and Tomcikova et al (2021) highlights that in a situation of economic recession, effective HR management can be one of the keys to maintaining business and organizational continuity. In this study, it was found that organizations that have a skilled, knowledgeable, and adaptable workforce are more likely to survive and even thrive during a recession. In addition, research by Malik & Garg (2020) and Dirani et al (2021) emphasizes the importance of continuous education and training for develop strong and adaptive human resources. In an unstable economic situation, organizations and individuals who have a deep understanding of HR management will be better prepared to face changes and challenges.

By referring to these studies, we can strengthen the argument that mastering the concept of HR is important, especially in the face of an economic recession, and that investing in HR development is a wise strategy in supporting the SDGs goals.

Access to the tools or technology needed to use HR understanding in accelerating the 2025 Sustainable Development Goals (SDGs) to face the issue of economic recession

In the era of rapidly developing information technology, access to the necessary devices and technology is a key factor in applying understanding of Human Resources (HR) in accelerating the 2025 Sustainable Development Goals (SDGs) related to the issue of economic recession. Technology provides powerful tools to manage, analyze data, and communicate, all of which are critical in maintaining and accelerating progress towards the SDGs amidst economic challenges. Before we look at the pie chart that will illustrate the level of respondents' access to technology, let's reflect for a moment on how this access is can affect the capacity of individuals and organizations in carrying out human resource understanding in the context of the 2025 SDGs regarding the issue of economic recession.
Figure 7. Access to the Tools or Technology Needed to Use HR Understanding in the 2025 Sustainable Development Goals (SDGs) Acceleration Related to the Issue of Economic Recession

Figure 7 illustrates the level of respondents' access to the tools or technology needed to apply an understanding of Human Resources (HR) in the context of Accelerating Sustainable Development Goals (SDGs) 2025 related to the issue of economic recession. A small proportion, 11.4%, had full access, indicating high readiness in technology. The majority, 46.7%, had limited access, perhaps with some limitations in device type or quality. However, what is worrying is that 41.9% have no access at all, reflecting the problem of unequal access to technology which can hinder the integration of understanding of HR in achieving the 2025 SDGs, especially because technology has an important role in data collection, analysis and communication. Efforts are needed to overcome unequal access to technology so that the sustainable development agenda can run more evenly.

The problem of limited access to technology is an issue that needs attention. Especially in this digital era, technology plays an important role in data collection, analysis, and communication, all of which are relevant in efforts to address the issue of economic recession. Improving access to technology for those with limited access is very important. The issue of limited access to technology, especially in the context of overcoming the issue of economic recession, has been a concern in several previous studies.

A study conducted by Waller et al (2020) and Zheng & Walsham (2021) highlighted inequality in access to technology among people who were more economically vulnerable during a recession. This research shows that a lack of access to digital technology can limit an individual's ability to find a job, participate in online training, or run an online business, all of which are important strategies in dealing with a recession. In addition, research by Reisdorf & Rhinesmith (2020) and Perez-Escolar & Canet (2023) argue for the importance of policies that support digital inclusion as part of efforts to address unequal access to technology. In this study, it is highlighted that governments and non-governmental organizations can play a role in providing wider access to technology to communities in need.

Drawing on these studies, it can be reinforced that limited access to technology is a significant problem in the face of economic recessions, and actions to increase this access can help individuals and communities affected by recessions to better overcome these economic challenges.

Improving human resources to accelerate the 2025 Sustainable Development Goals (SDGs) in educational or professional environments as an effort to deal with the issue of economic recession

Figure 8. Improving Human Resources to Accelerate Sustainable Development Goals (SDGs) 2025 in Educational or Professional Environments as an Effort to Deal with the Issue of Economic Recession
Figure 8 reflects respondents' interest in improving Human Resources (HR) in order to achieve the 2025 Sustainable Development Goals (SDGs) in educational or professional environments, as a step to overcome the economic recession. A total of 26.9% were very interested, showing awareness of the importance of investing in education and human resource development as a solution to economic challenges. The majority, 67.9%, are interested in this effort and see value in improving human resources to face the economic recession and achieve the 2025 SDGs. In fact, there is no one who is not interested, indicating the majority have a positive interest in efforts to improve human resources in the face of the economic recession through education and a professional environment. This interest can be a driving force for real action in improving human resources.

The majority of respondents have an interest in improving human resources in educational or professional environments as a response to the issue of economic recession. This is a positive indication that many people are ready to contribute to addressing global economic challenges through education and professional development. The results of previous studies also support the finding that interest in increasing human resources as a response to the issue of economic recession is positive. Research conducted by Dwivedi et al (2020) and Ratten & Jones (2021) highlights the role of education and training in helping individuals and communities deal with the effects of the economic recession. This study shows that training programs focused on skills development and competence development can help individuals find new job opportunities or upgrade their qualifications for existing jobs. Additionally, research by Izumi et al (2021) and Joshi (2021) highlights the importance of partnerships between educational institutions, industry and government in creating education and training programs that are responsive to economic changes, including recessions.

In this context, respondents' interest in improving human resources in educational or professional settings as a response to the economic recession supports previous findings that emphasize the importance of investment in education and skills development as part of a strategy to overcome economic challenges. Thus, this interest can be used as a basis for designing more effective and sustainable programs in supporting sustainable development and achieving the SDGs amidst conditions of economic recession.

Ability to analyze the impact of the economic recession on several aspects of the 2025 Sustainable Development Goals (SDGs)

The ability to analyze the impact of the economic recession on various aspects of the 2025 Sustainable Development Goals (SDGs) is a crucial skill in facing global economic challenges and achieve sustainable development goals. Before we explore the pie chart that will illustrate the degree to which respondents feel confident in their ability to carry out this analysis, let's reflect for a moment on why this analysis is so important. This capability allows us to identify the areas most vulnerable to the effects of an economic recession and plan appropriate steps to sustain and accelerate progress towards the 2025 SDGs, even in difficult economic conditions.

Figure 9. Ability to Analyze the Impact of the Economic Recession on Several Aspects of the 2025 Sustainable Development Goals (SDGs)

Figure 9 reflects the level of respondents' ability to analyze the impact of the economic recession on various aspects of the 2025 Sustainable Development Goals (SDGs). The majority, 73.8%, felt capable or quite capable of carrying out this analysis, indicating a level of confidence in understanding the economic impact on sustainable development goals. However, there was a small proportion, 3.2%, who felt inadequate, indicating the need for further education and training in this regard. These findings are in line with previous research which highlights the importance of in-depth understanding of the impact of the economic recession on the 2025 SDGs. For example, studies by Mavlutova et al (2021) and Philippas & Avdoulas (2021) highlight the need to increase economic literacy among the general public so that they can better understand how economic recession can affect sustainable development goals. In addition, research by Raimi (2020) shows that special training and
education on how to apply the SDGs concept in a situation of economic recession can help professionals and stakeholders plan more effective actions.

In this context, the finding that some respondents still feel inadequate in analyzing the impact of the economic recession on the 2025 SDGs underscores the importance of further education and training efforts in this regard. By increasing their understanding and skills in analyzing the impact of the economy on sustainable development goals, individuals and groups can more effectively design strategies to address the challenges of economic recession and advancing the achievement of the 2025 SDGs.

Conclusions

The results of the research that has been carried out conclude that in an analysis of readiness related to Human Resources (HR) in the context of Accelerating the 2025 Sustainable Development Goals (SDGs) regarding the issue of economic recession, we identify a number of important factors. First, the majority of respondents had diverse understandings and interests regarding the concept of HR in this situation, with the majority stating that HR could play a crucial role in dealing with an economic recession and had importance. Second, the majority of respondents have a positive view of the role of HR in achieving the 2025 SDGs amidst a recession, recognizing that investing in HR development is the key to success. Third, most of the respondents had varying prior knowledge about HR development in the context of the 2025 SDGs regarding the issue of economic recession. Fourth, access to the technology needed to support HR understanding has significant levels of limitations. And fifth, deep interest increasing human resources in an educational or professional environment as an effort to deal with the issue of an economic recession is quite high. Awareness of the important role of human resources in achieving sustainable development goals, even in difficult economic situations, encourages efforts to increase understanding, access and investment in human resource development as part of the solution to global economic challenges.

References


