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Actor analysis in sustainable village-based enterprises: Examining the Role of Stakeholders

ABSTRACT

Fundamentally, the establishment of village-based enterprises is a mandate of the village law in an effort to encourage or stimulate the wheels of the rural economy and also increase village income sources. The implementation of the mandate of this law makes it important to involve Village-Based Enterprises stakeholders in its management. This study aims to determine the roles and interaction patterns of stakeholders (actors) in the management of village-based enterprises in Bali. The analysis method used in this study is Mactor. Primary data collection was obtained through interviews guided by a questionnaire and direct observation. The research findings indicate that each player, specifically the Village Ministry PDTT, Provincial Government, District Government, Village Government, Village-Based Enterprise Manager, Villagers, and Business Partners, play a crucial role in determining the sustainability of villagebased companies. The linkages between actors interact with each other in the management of village-based enterprises and are able to mobilize actors to achieve management goals. All actors agree that village-based enterprises must be developed both in terms of management and institutions. The contribution of the results of this research becomes a recommendation for collaborative planning among stakeholders, so that it becomes a strategic step in sustainable village-based enterprise.

Kata kunci: bali, mactor analysis, stakeholders, sustainability, village-based enterprises

Klasifikasi JEL: E26, D31, G23, G2

INTRODUCTION

of the Indonesian One priorities government's top is to enhance the development of regions and villages in order to strengthen the country as a whole. The village, as the centre of development, is crucial to boosting the economy of the nation. The village has the authority to control and administer governmental affairs in order to maintain the viability of the

local economy as a legal community unit. One of the responsibilities of the village is to enhance community wellbeing. In order to achieve this objective, it is imperative to establish a selfsufficient village (Amantha, 2021; P. Wahyudi et al., 2019). A village that is capable of utilizing all available resources to improve the prosperity of its residents is considered autonomous. As one of the initiatives to improve the welfare of villages, villages may establish a corporate entity that is capable of administering and utilizing all of the community's resources. This organization is commonly referred to as village-based enterprises (BUMDes) (Fatmawati et al., 2020).

А novel method of rural development involves the establishment of economic autonomy for villages (Runtunuwu et al., 2022).. Building economic independence is an endeavor to address the village's persistent issue of low social well-being. This ailment can only be cured by breaking the cycle of destitution. The method for reducing poverty and inequality is implemented by maximizing the potential of village resources and empowering the Local community. economic development must be prioritized over other factors, such as community empowerment, in order to optimize village resources (Nuraini, 2020).

Economic independence for villages is the objective of municipal economic development. Village-based

enterprises have the potential to promote local economic development (Ahmadimanesh et al., 2019; D & Ansori, 2022; Utomo & Purnamasari, 2021; Wahed et al., 2020). Village-based enterprises are presently of significant concern to the government as a means of enhancing rural economic activity. It is anticipated that village-based enterprises will evolve into a social organization that can provide social services to the community, in addition to functioning as an economic institution. The Government Regulation the Republic of Indonesia No. of 11/2021 specifies five objectives for the establishment of village-based enterprises. By managing businesses, developing investments, and maximizing village potential, villagebased enterprises are first anticipated to boost the productivity of the village economy. By providing goods and services to the neighbourhood and overseeing the village's food stockpile, village-based enterprises also do operationally-based public service activities. Thirdly, economically, it is anticipated that village-based

enterprises will be able to maximize the of economic resources rural communities and raise village original income (PAD). Fourth, village-based enterprises get the chance to use and manage local resources to make them more valuable. Fifth, village-based enterprises is anticipated to be able to create а local digital economic ecosystem as the centre of its operations.

government The local acted swiftly in response to the significance of village-based enterprises' existence and the government's high expectations for their presence, as seen by the villagebased enterprises population's steady rise. Local-based firms play a crucial role in sustaining the national economy in a nation with many villages, like Indonesia, maximizing by local potential (Ikhwansyah, 2020; Pelyukh et al., 2021; Tarlani, 2022). As a result, village-based raising enterprises' productivity can benefit the local economy. There are currently 83,381 villages in Indonesia, distributed across 38 provinces. There were 60,417 villagebased enterprises in 2022, according to the Ministry of Villages, Development of Disadvantaged Regions, and Transmigration (*Kemendesa PDTT*). This amount is more than the 57,288 villagebased enterprises in 2021.

In recent years, academics and policy experts have shown increased interest in village-based firms due to their importance in improving the potential of villages. Multiple recent studies have indicated that the establishment of firms in villages has the potential to enhance both the local economy and social welfare (Iqbal & Fridayani, 2021; Syafingi, 2020; Zuhdiyaty, 2019). The existence of village-based enterprises was also cited in a previous study as contributing to community empowerment (Ibrahim, 2020; Ikhwansyah, 2020; Razak, 2020). In accordance with some of the above findings, various studies conducted during the COVID-19 epidemic revealed the beneficial effects of village-based on boosting enterprises the local economy (Fuadi, 2022; Khairunnisa, 2021; Maudina, 2022; Sofianto, 2021; Sundari, 2022). The findings of earlier

research are pertinent to the creation of village-based enterprises. As а institution that uses village funds, village-based enterprises is created based on the economic potential and involvement of the village community, operates in accordance with the local goods it produces, and avoids competing with already established local businesses.

Numerous studies have also focused on the failure of village-based enterprises to perform their duties. The failure of village-based enterprises to expand their operations and the local economy (Pradnyani, 2019). Similar to this, village-based enterprises ' inability to raise local income (Purba et al., 2018). In order to assist the development of the local economy, it is necessary to take into account, research, and scientifically explain the viability of village-based enterprises.

The sustainability of villagebased enterprises can be enhanced by leveraging human resources. In order to effectively manage institutions for the purpose of village economic development, human resources are

essential (Irwansyah al., 2022; et Purbadharmaja et al., 2023; Sauw & Djami, 2021; A. Wahyudi et al., 2020). In village-based the sustainability of enterprises, a variety of parties with varying roles are working toward the same objective. It is essential for businesses to have stakeholders, as they can be directed by their objectives (Kurniasih, 2019; Salaka, 2021). The of fundamentals stakeholder involvement in village-based enterprises must be investigated in the context of sustainability principles (Elkington, 1994. As a consequence, it is imperative to conduct research on the contributions of stakeholders and the rationale behind establishment village-based the of enterprises.

This study offers three contributions. First, it offers several viewpoints the function of on stakeholders in Indonesian villagebased enterprises. This study also highlights Indonesian local knowledge, particularly as it relates to village-based enterprises. Second, by including stakeholders, economic potential, and governance practices that were lacking

in earlier research, this study also adds knowledge to the literature on creating the sustainability of village-based enterprises. Most studies have found a connection between villagers' businesses and the neighbourhood. Finally, by taking into account public opinion, this study will help policymakers manage village-based enterprises.

METHOD

The objective of this study was to ascertain the stakeholders' contributions to the sustainability of village-based companies. This study involved 46 village-based enterprises from seven distinct types of companies in Badung Regency, Bali Province, Indonesia.

In this study, the complete population is sampled in order to determine the part that each stakeholder (actor) plays in ensuring that villagebased enterprises can survive. When compared to other districts in Bali, Badung Regency provides villageowned businesses with more diverse management options and commercial discrepancies because it is the region with the highest regional original income in the Province of Bali. In order to understand the sustainability of village-based enterprises in the Indonesian province of Bali, it is important to understand the factors that explain the research's findings.

Primary and secondary sources of data were employed. On the basis of a research questionnaire, a survey of the complete research population was done to collect primary data and identify the participants in the sustainability of village-based enterprises. Based on survey results, it was confirmed in a focus group with managers of villagebased enterprises who serve as representatives of each type of industry, the provincial government, the district government, the village government, the village community, and business partners. Secondary data was collected from a variety of papers, books, articles, and already completed studies. From organizations and offices connected to this investigation, secondary data was also gathered.

Research topics were addressed Mactor-Lipsor using analysis. The Mactor technique may map both direct and indirect effects between actors and the dependencies that support them. According to Mactor's analysis, actors are defined as individuals or groups that hold a position within the system under study and take part in mobilizing their own resources to affect outcomes either directly or indirectly through their effect on other actors (Fetoui et al., 2021; Godet, 1991). A factor or issue, on the other hand, is defined as a variable, an idea, a topic, a problem, or something that prompts discussion. Mactor examined the players' strengths and compared and contrasted the numerous issues and objectives to be solved (Pelyukh et al., 2021; Yuen et al., 2020).

The (Godet, 1991) dan (Bendahan et al., 2004) models are referenced by the Mactor model in this work, which has the following formulas and procedures. First, ascertain who the major performer is. In this study, the key players who promoted improved village-based enterprises performance were initially identified. Second, decide what goals need to be accomplished. Third, choose the approach you'll use to carry out the plan of action. Fourth, use a scale of 0-4to evaluate the degree of influence between the actors (1 = actor Ai has no influence on actor Aj; 2 = actor Ai can jeopardize actor Aj's plans; 3 = actor Aican jeopardize actor Aj's mission; 4 =actor Ai can endanger actor Aj's existence). Fifth, ascertain the impact of actors on a situation.

The Mactor method utilizes three primary inputs: the 1MAO matrix, which represents the actor's position in relation to the goal; the 2MAO, which incorporates the salience variable from the actor to the goal; and the MID, or Matrix of Influence Direct, which outlines the variable influence. The MID matrix, 1MAO matrix, and 2MAO matrix are the only inputs needed from the user when using the Mactor software; the rest will be generated by the computer using a mathematical method (Fauzi, 2019; Stratigea, 2013). As a result, each pair of actors is included in the calculation of the direct and indirect influence matrix (also known as the MIDI matrix). fundamental elements of sustainability. As shown in Table 2, the outcomes of the survey data collection done can identify a number of actors in the sustainability of village-based enterprises.

RESULT AND DISCUSSION

Actors or stakeholders have a significant impact on both how sustainability goals are achieved and the

		C 1	
No	Actor/ Stakeholder	Code	Description
1	Village Ministry	Ministry	The ministry that oversees village-
	PDTT		based enterprises throughout
			Indonesia
2	Provincial	Province	The government has authority at the
	Government		provincial level
3	District/ City	District	The government has authority at the
	Government		district/city level
4	Village Government	Village	The government that has authority in
	C .	C	the province
5	Village-Based	Manager	Administrators who have the
	Enterprise Manager	U	authority to manage and be
			responsible for the operations of
			village-based enterprises
6	Villagers	Villagers	People who live and live in the village
7	Business Partner	Partner	Parties outside the government and
			managers who work together in the
			operation of village-based enterprises

According to Table 1, there are seven actors or stakeholders who affect the viability of village-owned businesses. The authority of the central government is the Ministry of Villages, Development of Disadvantaged Regions, and Transmigration (Ministry of Villages PDTT). In order to assist the President in carrying out state administration, the Ministry of Villages PDTT is responsible for managing government affairs in the fields of village and rural area development, empowering village communities, accelerating the development of underdeveloped and areas, transmigration. According to the circumstances, peculiarities, and superior potential of the region in question, the Provincial Government has the authority to implement regional autonomy in terms of enhancing people's welfare, equity and justice, democratization, respect for local culture, and taking into account the potential and diversity of the region. The district/city governments have jurisdiction public works, over education agriculture, and culture, health, industry and trade, transportation, the environment, investment, cooperatives, land, and employment at the district/city level. The role of village government is to carry out village administration, village community empowerment, village community development, and village development.

The operational of Ministry of Villages, Development of Disadvantaged Regions, and Transmigration are managed by a village-based enterprise manager, who is also responsible for: (1) adhering to the Articles of Association, the Bylaws, and all applicable laws and regulations; and (2) putting into practice the values of professionalism, efficiency, transparency, independence, accountability, and fairness. Villagers are a group of communities that serve as executors, supervisors, supporters, and observers in the operational implementation of village authorities and institutions under the control of the village government. They are the smallest unit in a village. Business partners are non-governmental entities that can contribute village to development through mutually advantageous partnership for the expansion of the community's potential. Additionally, in accordance with the findings of the research survey, which are shown in Table 2's results, each stakeholder's role will be in line with the

sustainability objectives of Village- Based Enterprise.

No	Actor/ Stakeholder	Code	Description				
1	Supporting village	Economic	Support for creating stable village				
•	economic	T •11	economic conditions				
2	Increasing village original income	Incomevill	Increased original income earned by the village				
3	Growth Economic	Growth	Village economic growth that is able to grow and develop				
4	Equity Economic	Equity	Even distribution of the economic conditions of the village community as a whole				
5	Village potential management	Potential	Wisely managing the potential of the village for the welfare of the community				
6	Job opportunities	Job	Open and provide employment opportunities for all village communities.				

Table 2: Village-Based Enterprises Sustainability Goals

According to Law Number 6 of 2014 concerning villages and Law Number 11 of 2020 concerning job creation, which have strengthened the status of village-based enterprises as legal entities, the objectives listed in Table 3 are the objectives of establishing the sustainability of village-based enterprises and survey results. A matrix is created in order to determine the direct and indirect consequences, with reference to the players and goals of the sustainability of village-owned businesses, as illustrated in Figure 1.

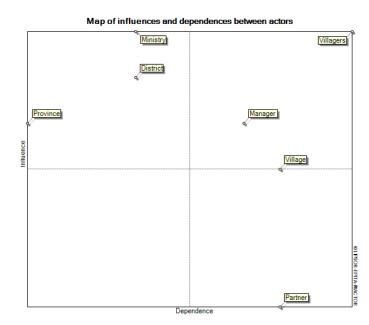
MDII	District	Province	Ministry	Village	Manager	Villagers	Partner	=:	
District	7	6	7	7	8	8	8	44	0
Province	7	6	7	7	7	8	7	43	LIPSOR-
Ministry	7	7	7	8	7	9	7	45	ž
Village	7	6	7	6	8	7	7	42	면
Manager	7	6	7	7	8	8	8	43	EPITA-MAC
Villagers	7	7	7	9	7	9	8	42	MAC
Partner	6	6	6	7	7	7	7	39	CTOR R
Di	41	38	41	45	44	47	45	301	ž

Figure 1. Matrix of Direct and Indirect Influence (MDII) results between actors

Column *Di* in Figure 1's matrix displays the level of net and indirect dependency, while column *li* in that matrix displays the net direct and indirect effects. The Village Ministry of PDTT is the most significant actor, and the villagers is the most reliant. These findings are consistent with the field circumstances, which show that villagebased enterprises are a Ministry of Village PDTT priority initiative and is carried out with the participation of all how stakeholders. Similar to the villagers will have a significant impact village-based enterprise every on the village's response is program, necessary for village-based enterprises to function and grow. The villagers serve as the actors who have a very high degree of dependency by receiving the policies, operational development goals, and support programs prepared by village-based enterprises. Figure 2 depicts the interdependence and influence between the actors.

The Ministry of Village PDTT, the Provincial Government, and the

Regency Government are the actors with the most sway and who are not reliant on other players, according to Figure 2. What falls under quadrant I? The primary contributors to the viability of village owned enterprises, which are located in quadrant II, are village owned enterprise managers, village governments, and village communities. Quadrant II actors are those who have a lot of influence and dependence. While partners have business minimal influence and dependency in quadrant III. Each actor has the same interest as the outcomes of the actor-actor matrix in achieving the sustainability of villageowned businesses. This determines the average convergence intensity between two actors when they are both equally biased toward the same goal (for or against). The values in this matrix represent the intensity of the alliance with the couple of players' objective hierarchy (preferences), not the number of prospective alliances. Figure 3 shows that this matrix is symmetrical.



2CAA	District	Province	Ministry	Village	Manager	Villagers	Partner	
District	0,0	9,0	8,0	9,0	9,0	9,0	9,0	1
Province	9,0	0,0	8,0	9,0	9,0	9,0	9,0	© LIPSOR-
Ministry	8,0	8,0	0,0	8,0	8,0	8,0	8,0	PSC
Village	9,0	9,0	8,0	0,0	9,0	9,0	9,0	
Manager	9,0	9,0	8,0	9,0	0,0	9,0	9,0	Ψ
Villagers	9,0	9,0	8,0	9,0	9,0	0,0	9,0]₽
Partner	9,0	9,0	8,0	9,0	9,0	9,0	0,0	₽
Number of convergences	53,0	53,0	48,0	53,0	53,0	53,0	53,0	EPITA-MACTOR
Degree of convergence (%)	100,0							Ā

Figure 2: Map Interactors

Figure 3: Interactor Convergence

In Figure 3, it can be seen that each actor has the same interest, with an intensity coefficient of 9. This condition occurs for all actors, except for ministries with other actors having an intensity of 8. This result is in accordance with the facts in the field survey results that all actors analysed in the research do have a role in the sustainability of villagebased enterprise. A degree of convergence of 100% indicates that the degree of convergence is below 100%, indicating the potential for conflict between actors. Visually, the convergence between actors can be seen in Figure 4.

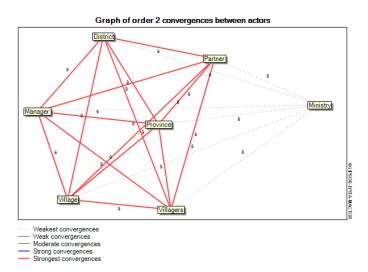


Figure 4: Interactor Convergence Map

The convergence coefficients in Figure 3 are graphically mapped in Figure 4. in a network of convergence. Figure 4 demonstrates that every actor, with the exception of the Ministry of Village, PDTT, has significant convergence. These findings suggest that the provincial government, district administration, village government, management of village-based enterprise, village residents, and commercial partners are all related actors. In recognizing the viability of villagebased enterprise, the Ministry of Village PDTT has weak convergence with all actors. Furthermore, the 1MAO analysis

matrix shown in Figure 5 can be used to describe each actor's function in relation to the sustainability objectives of villagebased enterprise.

The outcomes of the actor analysis and the sustainability goals of village-based enterprise are shown in Figure 5. Based on Figure 5, it is clear that all parties involved in ensuring the viability of village-based enterprise support the objectives; the only party that takes no position on the objective of boosting the rural economy is the provincial government. Figure 6 shows the actor's position's weight in relation to the objective in more detail.

1MAO	economic	incomevill	growth	equity	potential	job	Absolute sum	
District	1	1	1	1	1	1	6	
Province	1	1	1	1	1	1	6	
Ministry	0	1	1	1	1	1	5	0
Village	1	1	1	1	1	1	6	PSC
Manager	1	1	1	1	1	1	6	Ŗ
Villagers	1	1	1	1	1	1	6	₽
Partner	1	1	1	1	1	1	6	P
Number of agreements	6	7	7	7	7	7		LIPSOR-EPITA-MACTOR
Number of disagreements	0	0	0	0	0	0		H
Number of positions	6	7	7	7	7	7		ž

Figure 5: Linkage Analysis between Actors and Objectives

ЗМАО	economic	incomevill	growth	equity	potential	job	Mobilisation	
District	1,1	2,1	1,1	2,1	1,1	2,1	9,6	
Province	1,1	2,2	1,1	2,2	1,1	2,2	9,8	
Ministry	0,0	2,2	1,1	2,2	1,1	2,2	8,8	
Village	1,0	1,9	1,0	1,9	1,0	1,9	8,7	LIPSOR-
Manager	1,0	1,9	1,0	1,9	1,0	1,9	8,7	
Villagers	1,0	2,0	1,0	2,0	1,0	2,0	8,8	₽
Partner	0,8	1,7	0,8	1,7	0,8	1,7	7,4	EPITA-MAC
Number of agreements	5,9	14,0	7,0	14,0	7,0	14,0		A
Number of disagreements	0,0	0,0	0,0	0,0	0,0	0,0		OTOR
Degree of mobilisation	5,9	14,0	7,0	14,0	7,0	14,0		ά

Figure 6: Actor Position Weighted Value Matrix

The provincial government and district government, with respective fresh mobilization scores of 9.8 and 9.6, are the two most engaged actors, as seen in Figure 6. The degree of mobilization for all purposes was 14.0, indicating that the sustainability goals that mobilize the most participants include expanding the community income, improving economic equity, and creating new business opportunities. The degree of divergence in Figure 7 illustrates how similar the objectives of all parties are.

The level of actor divergence is displayed in matrix form in Figure 7.

The analysis's findings demonstrate that there is no possibility of conflict between the actors, as shown by the divergence coefficient of The 0. divergence coefficient is equal to zero due to the village-owned businesses' accomplishing shared aim for sustainability goals. The findings of the factor analysis highlight how crucial each actor is to ensuring the viability of village-based enterprise. Each actor's location on the influence map serves as an example of how players engage to accomplish goals and how actors mobilize to accomplish goals.

2DAA	District	Province	Ministry	Village	Manager	Villagers	Partner	
District	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
Province	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0
Ministry	0,0	0,0	0,0	0,0	0,0	0,0	0,0	LIPSOR
Village	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
Manager	0,0	0,0	0,0	0,0	0,0	0,0	0,0	₽Ħ
Villagers	0,0	0,0	0,0	0,0	0,0	0,0	0,0	P-
Partner	0,0	0,0	0,0	0,0	0,0	0,0	0,0	A-MAC
Number of divergences	0,0	0,0	0,0	0,0	0,0	0,0	0,0	TOR
Degree of divergence (%)	0,0							π

Figure 7: Actor Position Weighted Value Matrix

The involvement of numerous actors or stakeholders is essential to the development of BUMDES sustainability. This player is crucial to the growth of the village-based enterprises business type and a major driving factor behind it. Each actor plays roles that are complementary to one another. The Ministry of Villages PDTT, province governments, regency/city village governments, governments, village-based enterprises managers, village-based communities, and enterprises business partners are the actors that may be recognized in the continuity of the village-based enterprises. Furthermore, it is possible to identify each actor's goals in the development of village-based enterprises. These goals include creating village-based enterprises that support village economies, boost original local revenue, promote economic growth, equity in the economy, manage village potential, and create jobs.

The Ministry of Villages PDTT, province governments, regency/city governments are the actors with the most sway, according to the findings of the Mactor investigation. The managers of village-based enterprises, village governments, and village communities are the actors who rely on each other the most. This is consistent with the reality that The Ministry of Villages PDTT has significant input into the creation of village-based enterprises regulations and that village-based enterprises are needed to register with The Ministry of Villages PDTT at the time of establishment in order to achieve legal entity status via the village information system. Therefore, it is evident that the Ministry of Villages plays a crucial role when the community wishes to establish village-based enterprises. On the other hand, the village government is essential to village-based enterprises' viability, as are the province and regency/city governments.

Provincial and district/city governments have a part to play in helping village-based enterprises by enhancing managers' human resource competencies and supervising villageenterprises through based the monitoring and evaluation of work plans, strategies, and policies. On the other side, for village-based enterprises to be sustained, the village government, village-based enterprises management, and the community depend on other actors. When it comes to village-based governance, enterprises the village government and village-based enterprises managers still rely on the provincial and district governments, and their administration must uphold the principles of accountability, responsibility, fairness, and openness. For sustainability and to boost revenue from village-based enterprises, the

provincial government and district government are required to offer management improvement assistance. The findings of this study are consistent with a number of earlier studies (Amantha, 2021; Purba et al., 2018; Runtunuwu et al., 2022; A. Wahyudi et al., 2020) that highlight the significance of the government's participation in the sustainability of village-owned firms. The village's economic assets can all be mediated by the government, possibly institutionally through village-based enterprises (Purba et al., 2018; Purbadharmaja et al., 2023).

The Ministry of Villages PDTT makes the most contribution to the sustainability of village-based enterprises, according to the Mactor results when seen from the perspective of the most engaged actor. In order to accelerate village development, the village ministry plays a vital role in fostering the local economy, one of which is village-based enterprises. It is anticipated to serve as the village's lynchpin in order for The Ministry of Villages PDTT to promote the formation of villages by actively investigating each one's potential for the development of particular sorts of companies to enhance the welfare of its residents. In addition, the Ministry plays a crucial role in ensuring that village-based enterprises is lawful and has a clear legal position for its continued existence.

These are currently the most crucial objectives in relation to the most widely shared objectives that are the focus of actors in the sustainability of village-based enterprises, including raising village income, promoting economic justice, and creating business opportunities. This is consistent with the goals for the development of villagebased enterprises, where it is hoped that the presence of village-based enterprises will increase village income from the type of business being operated that can absorb the workforce in the area by empowering the neighborhood and ensuring village economic equality. This is consistent with the five objectives for establishing village-based enterprises that are specified in the Regulation of the Government of the Republic of Indonesia No. 11/2021, which serves as the fundamental guide for creating village-owned companies. All village communities can participate in developing BUMDES in their localities adhering the by to inclusionary principle (Damayanti, 2022; Prabowo, 2014; Razak, 2020). In order to promote village-based enterprises, it is crucial for the Central Government (The Ministry of Villages PDTT), which is the most active actor, to forge relationships with all other actors while also embracing them all (Purba et al., 2018).

This result indicates that there are no actors who have the capacity to compete against mutually agreed upon objectives, as indicated by the divergence between actors with a weight of 100%. This outcome, of course, is consistent with the reality that there has never, to date, been an actor dispute. Each actor believes that by participating village-based in enterprises, they will be able to raise village revenue, economic create equality, and expand business prospects. On the other hand, in order

to reduce challenges and issues that can conflict, village-based lead to enterprises management has been regulated in the BUMDES laws and household budgets. In order to minimize the conflicts that will arise, it is important to anticipate them as much as possible (Bendahan et al., 2004; Fetoui et al., 2021; Godet, 1991). Conflict in the topic of sustainability is important because the possibility of its occurrence will always arise in attempts to harmonize social, economic, and environmental aspects.

CONCLUSION

Village-based enterprises has a significant impact village on development, according to the context, issues, and findings of Mactor's examination. As a result, in order to use village-based enterprises to drive the village economy and fully realize the potential of the community, actors are required. The Ministry of Village PDTT, the Provincial Government, and the Regency Government are the actors with the most impact, with the Ministry of Village PDTT being the most active Regarding village-based actor. enterprises laws and providing legal standing, the Ministry of Village PDTT's is demonstrated. involvement The village administration, village-based enterprises management, and the neighborhood are the actors who are most reliant on one another.

Further research must take into account the intricacy of inter-actor participation in the sustainability of village-based enterprises. Values frequently change as a result of the extremely volatile dynamics that exist in society. It is essential to link the economic, social, and environmental components of sustainability based on the social values upheld by the community since social values in society have a significant impact on each aspect of sustainability. Village-based enterprises may technically be located outside of a traditional village but are institutionally managed by the village government. Traditional communities with their own laws must also think about their authority and place in

maintaining village-based enterprises. The traditional village government will always have connections that could result in a conflict of interest, despite the fact that it is separate from the village government in terms of area and power. As a result, in order to harmonize village norms and traditional villages, more research needs to examine how traditional villages are involved.

REFERENCES

- Ahmadimanesh, F., Paydar, M. M., & Asadi-Gangraj, E. (2019). Designing a mathematical model for dental tourism supply chain. *Tourism Management*, 75, 404–417. https://doi.org/https://doi.org/1 0.1016/j.tourman.2019.06.001
- Amantha, G. K. (2021). Peran Pemerintah Desa Dalam Meningkatkan Kesejahteraan Masyarakat. Iurnal Ilmu Pemerintahan Widya Praja, 47(1), 67-79. https://doi.org/10.33701/jipwp.v4 7i1.1490
- Bendahan, S., Camponovo, G., & Y. (2004). Pigneur, Multi-Issue Actor Analysis: Tools and Models for Assessing Technology Environments. Journal of Decision 223-253. Systems, 13(2), https://doi.org/10.3166/jds.13.223-253
- D, R. S., & Ansori, M. (2022).

Peningkatan Ekonomi Lokal dan Pemberdayaan Masyarakat melalui Bumdes: (Kasus: **Bumdes** Mappasitujue Keera, Kecamatan Keera, Kabupaten Wajo, Provinsi Sulawesi Selatan). Jurnal Sains Komunikasi Dan Pengembangan Masyarakat [ISKPM], 6(4 SE-Articles), 480-493. https://doi.org/10.29244/jskpm.v6 i4.1016

- Damayanti, M. (2022). Community based integrated sustainable waste management in Lerep tourism village. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1098, Issue 1). https://doi.org/10.1088/1755-1315/1098/1/012051
- Fatmawati, Hakim, L., & Mappamiring. (2020). Pembangunan Desa Mandiri Melalui Partisipasi Masyarakat di Kecamatan Pattallassang Kabupaten Gowa. Jurnal of Public Policy and Management, 1(1), 15–21.
- Fauzi, A. (2019). *Teknik Analisis Berkelanjutan*. PT. Gramedia Pustaka Utama.
- Fetoui, M., Frija, A., Dhehibi, B., Sghaier, M., & Sghaier, M. (2021). Prospects for stakeholder cooperation in effective implementation of enhanced rangeland restoration techniques in southern Tunisia. *Rangeland Ecology & Management*, 74, 9–20. https://doi.org/https://doi.org/1 0.1016/j.rama.2020.10.006
- Fuadi, R. (2022). Analysis of village owned enterprises (BUMDes) financial performance before and during COVID-19 pandemic. In *E3S Web of Conferences* (Vol. 340).

https://doi.org/10.1051/e3sconf/2 02234003004

- Godet, M. (1991). Actors' moves and strategies: The mactor method: An air transport case study. *Futures*, 23(6), 605–622. https://doi.org/https://doi.org/1 0.1016/0016-3287(91)90082-D
- Ibrahim. (2020). Community empowerment pattern through village-owned enterprise strategy in the gold mine area of West Sumbawa, Indonesia. In IOP Conference Series: Earth and Environmental Science (Vol. 413, Issue 1). https://doi.org/10.1088/1755-1315/413/1/012036
- Ikhwansyah, I. (2020). An empowerment of a village economy: (BUMDES) in Indonesia. *International Journal of Innovation, Creativity and Change,* 12(8), 192– 207.

https://api.elsevier.com/content/a bstract/scopus_id/85084495795

Iqbal, M., & Fridayani, H. D. (2021). Village-Owned Enterprises Management and Community Welfare in Tridadi Village Sleman Regency BT - Proceedings of the 5th Asia-Pacific Conference on Economic Research and Management Innovation (ERMI 2021). 43-47.

https://doi.org/10.2991/aebmr.k.2 10218.008

Irwansyah, M. R., Sudibia, I. K., Yasa, I. N. M., & Putu Purbadharmaja, I. B. (2022). The Influence of Human Resource Quality on Tourism Competitiveness in the Kalibukbuk Tourism Area. Journal of Economics, Finance and Management Studies, 05(11).

https://doi.org/10.47191/jefms/v5 -i11-21

- Khairunnisa, K. (2021). The Recovery Strategy of Mangrove Tourism after Covid-19 Pandemic in Bintan Island, Indonesia. In *E3S Web of Conferences* (Vol. 324). https://doi.org/10.1051/e3sconf/2 02132404001
- Kurniasih, D. (2019). The role of stakeholders in the Accountability of Village Enterprise Management:
 A Public Governance Approach. In *IOP Conference Series: Earth and Environmental Science* (Vol. 255, Issue 1). https://doi.org/10.1088/1755-1315/255/1/012056
- Maudina, N. (2022). Village Е-(Pasardesa ID) Commerce for Economic Recovery Due to the COVID-19 Pandemic. In Communications in Computer and Information Science (Vol. 1582, pp. 511-518).

https://doi.org/10.1007/978-3-031-06391-6_63

- Nuraini, H. (2020). Building Village Economic Independence Through Village-Owned Enterprises (BUMDes). Proceedings of the Third International Conference on Social Transformation, Community and Sustainable Development (ICSTCSD 2019), 168–173. https://doi.org/10.2991/icstcsd-19.2020.10
- Pelyukh, O., Lavnyy, V., Paletto, A., & Troxler, D. (2021). Stakeholder analysis in sustainable forest management: An application in the Yavoriv region (Ukraine). *Forest*

Policy and Economics, 131, 102561. https://doi.org/https://doi.org/1 0.1016/j.forpol.2021.102561

- Prabowo, T. H. E. (2014). Developing bumdes (village-owned enterprise) for sustainable poverty alleviation model village community study in Bleberan-Gunung Kidul-Indonesia. *World Applied Sciences Journal*, 30(30), 19–26. https://doi.org/10.5829/idosi.wasj .2014.30.icmrp.4
- Pradnyani, N. L. P. S. P. (2019). Peranan Badan Usaha Milik Desa (Bumdes) Dalam Meningkatkan Kesejahteraan Masyarakat Di Desa Tibubeneng Kuta Utara. Jurnal Riset Akuntansi JUARA, 9(2), 39–47.
- Purba, R. B., Aulia, F., Dwilita, H., & Nadra, U. (2018). Increasing Income For Communities In Lubuk Kertang Village Through Village-Based Business Enterprises (BUMDES) Based On Mangrove Ecotourism. International Journal of Economics, Commerce and Management, VI(11), 629–636.
 - https://www.researchgate.net/pro file/Rahima-
 - Purba/publication/329070662_Incr easing_Income_For_Communities_I n_Lubuk_Kertang_Village_Throug h_Village-

Based_Business_Enterprises_BUM DES_Based_On_Mangrove_Ecotour ism/links/5bf4187ca6fdcc3a8de396 25/Increasing-Inc

Purbadharmaja, I. B. P., Setiawan, P. Y., Irwansyah, M. R., & Narmaditya, B. S. (2023). Human Resource Competency, Economic Potential, and Village-Based Enterprises' Productivity: The Mediating Role of Governance. Asian Journal for Public Opinion Research, 11(1), 31–53. https://doi.org/10.15206/ajpor.202 3.11.1.31

Razak, M. R. R. (2020). Role of villageowned enterprises in farming community empowerment. *International Journal of Advanced Science and Technology*, 29(6), 684– 691.

https://api.elsevier.com/content/a bstract/scopus_id/85083567412

- Runtunuwu, P. C. H., Husen, A., & Kareng, B. D. (2022). Development Model of Village Economic Potential Towards Independent Village in the Covid-19 Pandemic. *Jejak*, 15(2), 310–323. https://doi.org/10.15294/jejak.v15i 2.36115
- Salaka, F. J. (2021). The role of stakeholder to support the development of competitive commodities on peatlands: Case study in Pulang Pisau Regency, Central Kalimantan Province. In IOP Conference Series: Earth and Environmental Science (Vol. 917, Issue 1). https://doi.org/10.1088/1755-1315/917/1/012012
- Sauw, H. M., & Djami, R. M. (2021). Community Economic Empowerment Model in Utilizing Local Potential in the Village of Besmarak, Kupang Distric BT - Proceedings of the International Conference on Applied Science and Technology on Social Science (ICAST-SS 2020). 452–455. https://doi.org/10.2991/assehr.k.2 10424.088
- Sofianto, A. (2021). Mapping of Potential Village-Owned Enterprises

(BUMDes) for Rural Economic Recovery during the COVID-19 Pandemic Central in Java, Indonesia. In IOP Conference Series: Earth and Environmental Science (Vol. 887, Issue 1). https://doi.org/10.1088/1755-1315/887/1/012022

- Stratigea, A. (2013). Participatory Policy Making In Foresight Studies At The Regional Level - A Methodological Approach. *Regional Science Inquiry*, V(1), 145–161. https://ideas.repec.org/a/hrs/jour nl/vvy2013i1p145-161.html
- Sundari. (2022). Information Technology-based Public Service Management during covid-19 (Case Study of SIBERAS Application in Sidenreng Rappang Regency). In *IOP Conference Series: Earth and Environmental Science* (Vol. 1105, Issue 1). https://doi.org/10.1088/1755-1315/1105/1/012038
- Syafingi, H. M. (2020). Village fund optimization strategy for rural community welfare in Indonesia. *Journal of Critical Reviews*, 7(7), 580– 583. https://doi.org/10.31838/jcr.07.07.

https://doi.org/10.31838/jcr.0/.0/. 103

Tarlani, T. (2022). Transforming Rural Economy Through Community-Based Tourism with Village-Owned Enterprise (BUMDES, Badan Usaha Milik Desa) - A Case Study: Cibiru Wetan, Pagerwangi and Cipamekar Villages, Indonesia. *International Journal of Sustainable Development and Planning*, 17(5), 1535–1542. https://doi.org/10.18280/ijsdp.170 517 Utomo, B. W., & Purnamasari, S. M. (2021). Potret Badan Usaha Milik Desa (BUMDes) Sebagai Pilar Pengembangan Ekonomi Lokal Desa. *Prosiding Seminar Nasional* ..., 1(1), 65-72. http://conference.um.ac.id/index.

php/esp/article/view/628

- Wahed, M., Asmara, K., & Wijaya, R. S. (2020). Pengembangan Ekonomi Desa Dengan Instrumen Badan Usaha Milik Desa (BUMDESa). *Journal of Regional Economics Indonesia*, 1(2), 58–70. https://doi.org/10.26905/jrei.v1i2. 5438
- Wahyudi, A., Sartika, D., Wismono, F. H., Ramdhani, L. E., Rosalina, L., Kusumaningrum, M., & Zakiyah, S. (2020). Investigating Organizational and Human Resource Capacity of Village Government: A Case Study in Kutai Kartanegara Regency. *Policy & Governance Review*, 4(2), 99. https://doi.org/10.30589/pgr.v4i2. 267
- Wahyudi, P., Surya, I., & Linggi, R. K.

linggi. (2019). Peran Kepala Desa Dalam Pemberdayaan Masyarakat Di Desa Mukti Jaya Kecamatan Rantau Pulung Kabupaten Kutai Timur. *Ejournal Ilmu Pemerintahan*, 7(1), 371–382. https://ejournal.ip.fisipunmul.ac.id/site/?p=3143

- Yuen, K. F., Wang, X., Wong, Y. D., & Li, K. X. (2020). The role of stakeholder participation and sustainability integration in maritime transport: A structure-conduct-performance analysis. *Transport Policy*, 99, 44–53. https://doi.org/https://doi.org/1 0.1016/j.tranpol.2020.08.011
- Zuhdiyaty, N. (2019). Analysis of **BUMDes** strengthening for community welfare with the SLA approach (Case study of Kalipucang Village, Tutur, Pasuruan). International Journal of Scientific and Technology Research, 40-43. 8(2), https://api.elsevier.com/content/a bstract/scopus_id/85062265343