Approach to Applying Sufficiency Economy Philosophy in Community Enterprise Management towards Sustainability

Jakret Mettathamrong 1,*, Phetphairin Upping 1 and Somchad Deeudom 2

1 Faculty of Industry and Technology, Rajamangala University of Technology Isan, Sakon Nakhon Campus, Sakon Nakhon 47160, Thailand
2 Faculty of Sciences and Liberal Arts, Rajamangala University of Technology Isan, Nakhon Ratchasima Campus, Nakhon Ratchasima 30000, Thailand
* Correspondence: kkai6688@gmail.com; Tel.: +668-1793-9515 or +664-277-2158

Abstract: Sustainability is essential for every business and organization, but how can it be achieved? This work is a study of sustainability based on the sufficiency economy philosophy, a valuable concept introduced by the Thai people. We apply it to the notion of sustainability in 400 agricultural community enterprise owners in Thailand, who participated in this study. An oblique rotation component analysis was performed, finding that the variables on the same side are related, and a confirmative component analysis with structural equation models was conducted. The results showed that the approach to applying the sufficiency economy philosophy among community enterprises consists of 11 components, as follows: (1) financial control, (2) planning, (3) member management, (4) morals, (5) prevention plan, (6) moderation, (7) knowledge and expertise, (8) market development, (9) care, (10) quality control and (11) value of investment. The confirmative component analysis with structural equation modeling was consistent with the empirical data. Agricultural community enterprises and entrepreneurs focus on the moral component, conduct business with honesty to avoid causing problems for others, value justice without taking advantage with diligence and adhere to moral principles in life, because all of the above will lead to sustainability in the future.

Keywords: sufficiency economy philosophy; community enterprises; sustainability

1. Introduction

Nowadays, sustainability is crucial, and every firm is seeking a means to steer management in the direction of sustainability. Due to limited natural resources and the growth of the population, this desire has increased even further. In particular, developing countries should find ways to manage their businesses towards sustainability [1]. Sustainability is considered important for every organization around the world, and they strive to develop their practices. In particular, in 2015, the United Nations General Assembly adopted an agenda for the development of organizations towards sustainability. Sustainable development is an action plan for people around the world to allow growth to occur. Efforts to promote global peace and sustainable organizational development are key issues in modern times [2]. Environmental sustainability and management towards sustainability are still a major human problem faced today. The size of the population is increasing every day. Many people use resources in an uninformed way, and many human activities lead to the destruction of the environment and prevent sustainability [3]. Sustainability and the circular economy are concepts that governments, investors, corporations and community enterprises should pay attention to, because sustainability involves the balanced integration of resources, economy and society, and a focus on environmental sustainability will benefit present and future generations [4]. Sustainability is a fundamental factor in building a competitive advantage. In particular, applying innovation to businesses or applying different ideas to suit the business will lead to sustainability [5]. From the foregoing discussion, sustainability is a concept that every organization should pay attention to, and they should...
use it to develop their organization. Most of the past sustainability studies were conducted in large corporations or in small and medium-sized enterprises (SMEs) only, such as the study of Balance Score Cards with SMEs or the development of cultures in SMEs that are sustainable through management [6,7]. Most of them focus mainly on studying SMEs. What is the situation for enterprises that are based in the community? Is sustainability an important concept in this case?

Sustainability studies in community enterprises indicate that community enterprises should play an important role in local development [8]. A community enterprise is a small organization that gathers individuals within the community to produce goods and services, by using their knowledge to generate income for the community. They improve the community inhabitants’ lives by using the social environment that exists in the community and with the support of government policies [9]. At present, community enterprises face many problems, such as a lack of effective management, a lack of control over the use of resources, a lack of commitment to operations, financial problems and a lack of suitable technologies for market expansion [10]. The sustainability of the organization should apply the sufficiency economy philosophy for good development, and this should be applied to practices throughout the organization [7]. In addition, the sustainability gap varies from region to region or varies with the size of the organization. Reducing the gap should be reinforced by circulating production and consumption within the economy [11]. The stability and sustainability of community enterprises stems from the adoption of the sufficiency economy philosophy for self-development, such as knowledge, rationality, morality, immunity and moderation [12]. The sufficiency economy philosophy is a valuable philosophy, but the research related to the philosophy of the sufficiency economy involves scholars studying many aspects, so the perspective of community enterprises or grassroots communities with little education is lacking. This study leads to a new concept in applying the sufficiency economy philosophy for sustainability. Which factors should it consist of? The sufficiency economy philosophy is the key to community enterprises in helping them to escape from the trap of luxury. As a result, they become satisfied with their present circumstances. The aim of this research is to provide a guideline for the application of the concepts or factors derived from the research to other communities in order to achieve sustainability.

2. Literature Review

2.1. The Concept of Community Enterprises

A community enterprise is a business established by individuals living in the community or working in the community that is an independent, non-profit organization. It is owned by members of the community and maintained via self-management in the community to produce goods or services and generate profits to be shared internally [13]. Community enterprises operate by using the talent of the citizens in the community. In order to operate the business to achieve its objectives and respond to the needs of people in the community, the use of resources is controlled so as to achieve economic and financial efficiency with the group and considering the social efficiency of people in the community by providing jobs and contributing to well-being [14]. A community enterprise is also a business wherein people in the community work together. They invest money together, create products together and jointly take responsibility for the business that they operate together. The characteristics of community enterprises include the following: (1) they are owned by people in the community, (2) production takes place in the community, (3) ideas and innovations come from people in the community, (4) they rely on local wisdom combined with universal wisdom, (5) local villagers work together and carry out activities together as a network, (6) operations are based on knowledge-based practices and (7) they apply the sufficiency economy philosophy. Moreover, community enterprises face many problems, such as marketing challenges and the inability to transfer the business to the next generation, but some community enterprises have strengths, such as being supported by government agencies [15].
The administration of community enterprises should be continuously developed, consisting of (1) enhancing the knowledge of management and technical skills and production for entrepreneurs and members, (2) improving products and packaging, (3) developing relationships between members, (4) continuous training for members and (5) self-reliance and the conservation of local wisdom and resources within the community [16]. Administration within the community enterprise should determine how the profits and benefits are divided among the members. Building relationships with each other, such as kinship, trust and honesty with each other, is important for successful collaboration [17]. The management of community enterprises should aim to develop knowledge and skills through promotion by government agencies. Government agencies should be involved in the organization of training programs for community groups, so that they can acquire knowledge and increase their incomes. In particular, supporting low-interest funding sources, creating investment alliances and providing access to funding sources are essential to the management of community enterprises [18]. Quality control is an important aspect that community enterprises should implement as a standard. Quality control is the core task of the organization. It is important to use effective tools to monitor product quality. Quality certification, such as obtaining the standards mark, is important to the success of community enterprises [19].

The control of the community enterprise includes the control of the performance appraisal of its members and control to carry out the planned action [20]. Controlling the resources in the community to ensure the efficient use of resources is important for sustainability [21].

2.2. Sufficiency Economy Philosophy

The sufficiency economy philosophy is a concept introduced by His Majesty King Bhumibol Adulyadej of the Kingdom of Thailand. It was first introduced in 1974, and in 1997, it become a philosophy of sustainability and has been popular ever since. The sufficiency economy philosophy is a tool for sustainable development. It consists of three main components: moderation (avoiding extremeness and overindulgence), reasonableness (the causal link between actions and consequences) and prudence (adequate protection to be prepared for potential impacts). It also consists of two conditions: knowledge (knowledge or empirical evidence) and virtues (positive personal values) [22]. The sufficiency economy philosophy is a tool for dealing with economic diversity. It is a guideline for the development of good community enterprises. Meanwhile, the importance of the sufficiency economy philosophy is its emphasis on the fact that each individual should act with rationality and moderation, with a focus on conducting oneself with morality. The sufficiency economy philosophy can be applied to business operations, such as by exercising moderation in doing business and achieving self-immunity by adopting methods to prevent future risks [23]. Applying the sufficiency economy philosophy to a business to ensure success relies on five factors: (1) modesty, expansion or investment depending on the skills of the business owner; (2) reasonableness, as assessed by SWOT analysis to identify the strengths, weaknesses, opportunities and challenges of the business in order to formulate a strategy; (3) self-immunity, e.g., avoiding unnecessary borrowing or borrowing too much; (4) knowledge, which is an important factor that involves initiative and the use of creativity to develop the business; and (5) honesty, operating in accordance with the principles of good governance [24].

2.2.1. Moderation

Modesty is one of the main components of the sufficiency economy philosophy. Satisfaction with what one has, not being overly greedy in doing business and conducting self-assessment, including a prudence assessment of the household [25]. Moderation, if adopted by community enterprises, will result in sustainability, because moderation has a direct influence on self-reliance as well. Modesty is a matter of management within the community enterprise, ensuring that resources are used appropriately and creating a balance to ensure growth in moderation [26]. Modesty is a variable that influences the security management of community enterprises; the focus should be on educating the group,
pursuing business goals, promoting the careers of community members and improving employment in the community to distribute income [27]. Thus, we can encourage the community to acquire knowledge in accordance with the sufficiency economy philosophy in terms of moderation, e.g., considering earnings and expenditures in the family or in community enterprises, with a focus on honesty. Resources within the community are also available and are allocated appropriately [28].

2.2.2. Reasonableness

The reasonable use of resources is important for sustainability in the management of community enterprises. In particular, through the rationality of intra-group spending and the management of cash or cash flow, the manager or supervisor should assess the reasonableness of the cash distribution [29]. Moreover, remuneration payments to members or employees should be evaluated with reasonableness. The assessment system should be fair [30]. The basis of the community enterprise group is love and unity within the group, e.g., listening to each other’s concerns and listening to the group leader, which is important to foster unity within the group; the use of reasoning in any discussion between members of the group will help to build good relationships within the group [31]. Rationality is related to the degree of sufficiency; one should consider the relevant factors, including taking into account the expected consequences of careful action. Rationality in production, cost-effective management and consideration of the various factors of production should be implemented reasonably [32].

2.2.3. Prudence

Prudence is one of the core principles of corporate management towards sustainability. Financial prudence is important to community enterprises, and organizations should focus on exercising caution in spending money. Due diligence in bookkeeping should be followed in order to carefully examine the expenditure of money. Enterprises may rely on bookkeeping via other companies or consult with knowledgeable individuals to help with accounting, so as to ensure prudence and obtain financial reports with integrity, which contributes to financial sustainability [33]. Financial efficiency in production is important, including prudence in the manager’s actions and in the management of spending [34]. In addition, prudence can be applied to self-immunity and career progression. Self-immunity consists of a good spirit, professional pride, professional morality, helping others and self-sacrificing, aiming to develop technology and pursuing self-reliance [35]. Due diligence must be taken in building immunity in the field of the knowledge and understanding of operations. Integrity in marketing and the interaction with customers is the key to a good self-defense [36]. Diligence is important in building immunity for life; life-long immunity for people of working age consists of seven aspects: emotional management, perseverance, creativity, problem solving, social skills, self-awareness and courage to face problems [37].

2.2.4. Knowledge Principles

Knowledge and knowledge management are the most important processes in community enterprise development. Building the skills and knowledge of members serves to crystallize new knowledge in designing services according to customer requirements. Preserving knowledge and passing on knowledge to the next generation ensures the sustainability of the community. In preserving knowledge and wisdom, traditional knowledge should be culturally transmitted from one generation to the next in indigenous communities. It is the knowledge of the spirit from which the local skills are passed on [38]. Knowledge management is an important tool in creating competitive advantages for an organization. This may be achieved by using information technology to aid in knowledge management. Using IT to facilitate the dissemination of knowledge is one of the key strategies of the organization [39], e.g., creating knowledge through the social networks of organizations by sharing information via the internet is an effective tool for the sharing of knowledge among
community members. Knowledge connection, knowledge creation and business results are essential to the formation of a learning platform, thus engaging members in learning [40].

2.2.5. Moral Principles

Morality represents the notion of conducting business with honesty and integrity. There is a work ethic or moral energy that drives work rationally and morally, treating one another with honesty [41]. Regarding morality and economic rationality, this is a moral practice that is economically beneficial. Business operations should be ethical and should reduce conflicts; they should also be economically rational. There should be no economic sanctions among individuals, as bullying of one’s peers is an unethical economic act [42]. Expression of business involvement sympathy can enhance one’s self-motivation, which benefits the community through the fair presentation of a wide range of products and services. This is especially important during the COVID-19 pandemic, as many businesses face problems and should be sympathetic to each other and use morality in business operations [43]. Morality has a long history, originating in Ancient Greece, and is still important in modern times. The basis of morality is the objective of human life [44]. Integrity or morality refers to caring and concern for others [45]. Trusting one’s customers by complying with business ethics and conducting business with integrity are crucial; business integrity is essential to the sustainability of the business in the future [46]. Economic morality can be viewed as a state of mind that allows an individual to maintain standard managerial behaviors, by carrying out their mission, caring for others, having patience, respecting others, respecting the rights and equality of individuals, maintaining honesty and conducting an ethical life; all of these constitute the morality of an individual and contribute to sustainability [47]. The sufficiency economy philosophy can be summarized as a concept aimed at making everyone self-reliant and encouraging self-improvement towards sustainability by living a modest way. It emphasizes three key principles: moderation, reasonableness and prudence. These three key principles must have knowledge and moral to help foster sustainability in life or sustainability in community enterprises.

3. Materials and Methods

Sample and Data Collection

This research was quantitative. We collected data from entrepreneurs and agricultural community enterprises in Sakon Nakhon province, including all 18 districts, with 400 people. The samples used in the analysis of the project equation model, as recommended by Hair [48], mentioned the number of observed variables. There should be 10–20 times the number of samples, or at least 200 respondents. However, in this study, a sample of 400 people was sufficient to analyze the data. Stratified sampling was conducted in each district of Sakon Nakhon province. The research tool was a questionnaire that included a reliability confidence test, applied among a group of 30 agricultural community enterprise entrepreneurs in Udon Thani province. The confidence value was calculated with an Alpha Coefficient between 0.701 and 0.954, as shown in Table 3; a value greater than 0.70 indicates that the questionnaire has sufficient confidence [49]. The questionnaire consisted of 3 parts. Part 1, the general questionnaire for the respondents, consisted of gender, age, status, educational level and current income. Part 2, a questionnaire on the adoption of the sufficiency economy philosophy in business, consisted of moderation, reasonableness, knowledge and moral conditions. Finally, part 3, a questionnaire on the operation of agricultural community enterprises, consisted of marketing practices, productivity management, financial management and group management.

Data analysis was performed using the mean score and standard deviation, and we conducted a corroborative component analysis of the application of the sufficiency economy philosophy to the management of community enterprises towards sustainability. We rotated the axis using oblique rotation, in which the variables of the factors on the same side must be related. Using the Varimax method, it was found that the grouping of
variables in each component was clear, and in order to obtain a true representation of each element, each element must have a weight of 0.30 or higher [49]. Commonality value $h^2$, or the variance of all elements described by a variable, should be at least 0.50 [50]. This shows how much each element of a variable has in common with other elements. The eigenvalue should not be less than 1.00, and a factor weight of 0.30 or higher indicates a true relationship.

We performed structural equation model analysis on the application of the sufficiency economy philosophy to community enterprise management towards sustainability. We performed a component analysis and verified the model’s validity with chi-square statistics, and the relative chi-square value was less than 3.0 [51]. The comparative fit index (CFI) and Tucker–Lewis index (TLI) should be greater than 0.95 [52]. The root mean square error of approximation (RMSEA) should be lower than 0.05 [53]. The standardized root mean square residual (SRMR) should be lower than 0.05 [54]. Composite reliability (CR) checks were conducted, where the CR value should be greater than 0.60 [55]. Finally, we performed an analysis of mean variance extracted (average variance extracted: AVE), where the AVE should be 0.50 or higher [48].

4. Results

Most of the respondents were female, amounting to 71.50 percent. Most of them were over 50 years old, amounting to 63.20 percent; most of them were married, amounting to 90.20 percent; and the most prevalent educational level was primary school, with 68.50 percent. The average monthly income was THB 5001–10,000, with 30.50 percent of respondents. Most entrepreneurs were female because in Thai culture in the Northeast woman tend to be leaders in operations or businesses, and successful community entrepreneurs are over 60 years old. A study of the corroborative components involved in applying the sufficiency economy philosophy to community enterprise management towards sustainability was performed by analyzing elements and oblique rotation using the Varimax method, as shown in Table 1.

Table 1. KMO and Bartlett’s Test.

<table>
<thead>
<tr>
<th>Kaiser–Meyer–Olkin Measure of Sampling Adequacy</th>
<th>Bartlett’s Test of Sphericity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. Chi-Square</td>
<td>df</td>
</tr>
<tr>
<td>0.911</td>
<td>8845.540</td>
</tr>
</tbody>
</table>

In Table 1, KMO is the statistical value used to measure the suitability of the data, where $KMO \geq 0.90$ indicates that the data set can be very useful for analyzing the data [56]. From the test, the KMO = 0.911; a value greater than 0.90 indicates that the data set can be used to analyze the data. Moreover, in the analysis of Bartlett’s Sphericity, chi-square = 8845.540, sig. $= 0.000$ and a value less than 0.50 indicates the correlation of the data. Thus, the data can be used for factor analysis. We performed an analysis of the composition of the variables considered in this research. The extraction results of 11 elements were obtained, as shown in Table 2.

As seen in Table 2, 11 elements can be identified, with a range of eigenvalues between 1.024 and 13.178; each element can describe the variation between 2.276 and 29.285.

As seen in Table 3, the composition can be organized into a total of 11 elements. The variable with the highest mean score was (E1). Agricultural community enterprise entrepreneurs in Sakon Nakhon province conducted business with honesty and did not create problems for others in the community; in this case, the highest mean is 4.45, S.D. = 0.747. The next variable was (E2). The agricultural community enterprise entrepreneurs in Sakon Nakhon province operated their businesses with fairness and did not take advantage of others; the average was 4.44, S.D. = 0.756. Finally, we considered (E3). Agricultural community enterprise entrepreneurs in Sakon Nakhon province were diligent and adhered to their
moral principles in their business operations, with an average of 4.43, S.D. = 0.749. The loading analysis result was between 0.490 and 0.822, indicating that the element weights were 0.30 or higher, making the grouping of variables in each component clear and representing each element well.

Table 2. Eigenvalues and element factors.

<table>
<thead>
<tr>
<th>Component</th>
<th>Eigenvalues</th>
<th>Total</th>
<th>% of Variance</th>
<th>Cumulative%</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Planning (PLAN)</td>
<td>2.838</td>
<td>6.306</td>
<td>35.591</td>
<td></td>
</tr>
<tr>
<td>3. Member management (MANAG)</td>
<td>2.265</td>
<td>5.034</td>
<td>40.625</td>
<td></td>
</tr>
<tr>
<td>4. Moral (MORAL)</td>
<td>2.006</td>
<td>4.458</td>
<td>45.083</td>
<td></td>
</tr>
<tr>
<td>5. Prevention plan (PREVE)</td>
<td>1.560</td>
<td>3.466</td>
<td>48.549</td>
<td></td>
</tr>
<tr>
<td>6. Moderation (MODER)</td>
<td>1.488</td>
<td>3.306</td>
<td>51.856</td>
<td></td>
</tr>
<tr>
<td>7. Knowledge and expertise (KNOW)</td>
<td>1.383</td>
<td>3.072</td>
<td>54.928</td>
<td></td>
</tr>
<tr>
<td>8. Market development (MARK)</td>
<td>1.343</td>
<td>2.985</td>
<td>57.913</td>
<td></td>
</tr>
<tr>
<td>9. Care (CARE)</td>
<td>1.166</td>
<td>2.592</td>
<td>60.505</td>
<td></td>
</tr>
<tr>
<td>10. Quality control (CONTR)</td>
<td>1.086</td>
<td>2.412</td>
<td>62.917</td>
<td></td>
</tr>
<tr>
<td>11. Value of investment (INVES)</td>
<td>1.024</td>
<td>2.276</td>
<td>65.193</td>
<td></td>
</tr>
</tbody>
</table>

Table 3. Mean, standard deviation, loading, CR, AVE, and Cronbach’s alpha.

<table>
<thead>
<tr>
<th>Construct Validity</th>
<th>Item</th>
<th>Mean</th>
<th>S.D.</th>
<th>Item Loading</th>
<th>CR</th>
<th>AVE</th>
<th>Cronbach’s Alpha</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Financial control (MONEY)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H4</td>
<td>3.95</td>
<td>0.873</td>
<td>0.739</td>
<td>0.846</td>
<td>0.526</td>
<td>0.920</td>
<td></td>
</tr>
<tr>
<td>H5</td>
<td>4.14</td>
<td>0.777</td>
<td>0.720</td>
<td>0.877</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H5</td>
<td>3.97</td>
<td>0.814</td>
<td>0.680</td>
<td>0.822</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H2</td>
<td>4.13</td>
<td>0.823</td>
<td>0.638</td>
<td>0.814</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H1</td>
<td>4.12</td>
<td>0.769</td>
<td>0.615</td>
<td>0.781</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G2</td>
<td>4.03</td>
<td>0.754</td>
<td>0.735</td>
<td>0.844</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G1</td>
<td>3.99</td>
<td>0.785</td>
<td>0.711</td>
<td>0.846</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G3</td>
<td>4.06</td>
<td>0.809</td>
<td>0.674</td>
<td>0.821</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G4</td>
<td>4.09</td>
<td>0.816</td>
<td>0.602</td>
<td>0.822</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F5</td>
<td>3.91</td>
<td>0.864</td>
<td>0.490</td>
<td>0.844</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I5</td>
<td>4.15</td>
<td>0.853</td>
<td>0.741</td>
<td>0.821</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I2</td>
<td>4.09</td>
<td>0.836</td>
<td>0.728</td>
<td>0.844</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I4</td>
<td>4.20</td>
<td>0.787</td>
<td>0.711</td>
<td>0.821</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I3</td>
<td>4.25</td>
<td>0.796</td>
<td>0.586</td>
<td>0.821</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I1</td>
<td>4.18</td>
<td>0.775</td>
<td>0.557</td>
<td>0.821</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E2</td>
<td>4.44</td>
<td>0.756</td>
<td>0.822</td>
<td>0.814</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td>4.43</td>
<td>0.749</td>
<td>0.795</td>
<td>0.814</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E1</td>
<td>4.45</td>
<td>0.747</td>
<td>0.703</td>
<td>0.821</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E5</td>
<td>4.41</td>
<td>0.744</td>
<td>0.558</td>
<td>0.821</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C4</td>
<td>3.88</td>
<td>0.849</td>
<td>0.770</td>
<td>0.790</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C5</td>
<td>3.94</td>
<td>0.838</td>
<td>0.726</td>
<td>0.790</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C2</td>
<td>3.97</td>
<td>0.732</td>
<td>0.539</td>
<td>0.790</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C3</td>
<td>3.96</td>
<td>0.808</td>
<td>0.531</td>
<td>0.790</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C1</td>
<td>4.09</td>
<td>0.777</td>
<td>0.529</td>
<td>0.790</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A2</td>
<td>4.05</td>
<td>0.791</td>
<td>0.714</td>
<td>0.781</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A1</td>
<td>4.24</td>
<td>0.767</td>
<td>0.708</td>
<td>0.781</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A4</td>
<td>4.02</td>
<td>0.833</td>
<td>0.692</td>
<td>0.781</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3</td>
<td>4.10</td>
<td>0.820</td>
<td>0.673</td>
<td>0.781</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A5</td>
<td>4.08</td>
<td>0.744</td>
<td>0.567</td>
<td>0.781</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The composite Reliability (CR) was checked and the average variance extracted (AVE) was calculated, see Table 3. AVE is the mean variance of the latent variables that describe the observed variables by the total confidence value of the latent variable. CR was greater than 0.60. The results of the analysis showed that the value was between 0.656 and 0.846; thus, it was greater than 0.60 for all variables. This demonstrates that the composite reliability for the constructs ranges. This is a clear indication of reliability because all items consistently measure according to their corresponding construction. The AVE should be greater than 0.50. The results showed that the AVE values were between 0.418 and 0.574; some values were below 0.50, but were close to 0.50. This shows that each latent variable could well describe the variance of the observed variable. This indicates that the measurement model is clear, accurate and reliable. Regarding the reliability of Cronbach’s Alpha, the alpha coefficient was found to be between 0.701 and 0.954; all values were greater than 0.70, indicating that the questionnaire had sufficient confidence.

This research analyzed the structural equation model in terms of applying the sufficiency economy philosophy to community enterprise management by using a package program to compare the harmony between the developed model and the empirical data. Given the criteria to evaluate the consistency, the researchers considered the following statistical values. The relative chi-square should be less than 3.00. As seen in Figure 1, chi-square = 1479.667 and Df = 851. From the analysis, chi-square/df = 1.738, which is a value less than 3.00. CFI = 0.959 and TLI = 0.968, which are values greater than 0.95; RMSEA = 0.041 and SRMR = 0.047, which are lower than 0.05. These results show that the structural equation model in terms of applying the sufficiency economy philosophy to community enterprise management towards sustainability is consistent with the empirical data, as shown in Figure 1.

### Table 3. Cont.

<table>
<thead>
<tr>
<th>Construct Validity</th>
<th>Item</th>
<th>Mean</th>
<th>S.D.</th>
<th>Item Loading</th>
<th>CR</th>
<th>AVE</th>
<th>Cronbach’s Alpha</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. Knowledge and expertise (KNOW)</td>
<td>D1</td>
<td>4.12</td>
<td>0.735</td>
<td>0.674</td>
<td>0.830</td>
<td>0.507</td>
<td>0.838</td>
</tr>
<tr>
<td></td>
<td>D3</td>
<td>4.01</td>
<td>0.799</td>
<td>0.633</td>
<td>0.830</td>
<td>0.507</td>
<td>0.838</td>
</tr>
<tr>
<td></td>
<td>D5</td>
<td>4.03</td>
<td>0.834</td>
<td>0.571</td>
<td>0.830</td>
<td>0.507</td>
<td>0.838</td>
</tr>
<tr>
<td></td>
<td>D2</td>
<td>4.11</td>
<td>0.741</td>
<td>0.565</td>
<td>0.830</td>
<td>0.507</td>
<td>0.838</td>
</tr>
<tr>
<td></td>
<td>D4</td>
<td>4.02</td>
<td>0.818</td>
<td>0.511</td>
<td>0.830</td>
<td>0.507</td>
<td>0.838</td>
</tr>
<tr>
<td>8. Market development (MARK)</td>
<td>F1</td>
<td>4.11</td>
<td>0.772</td>
<td>0.751</td>
<td>0.750</td>
<td>0.530</td>
<td>0.832</td>
</tr>
<tr>
<td></td>
<td>F2</td>
<td>4.07</td>
<td>0.743</td>
<td>0.671</td>
<td>0.750</td>
<td>0.530</td>
<td>0.832</td>
</tr>
<tr>
<td></td>
<td>F3</td>
<td>4.06</td>
<td>0.802</td>
<td>0.554</td>
<td>0.750</td>
<td>0.530</td>
<td>0.832</td>
</tr>
<tr>
<td></td>
<td>F4</td>
<td>3.97</td>
<td>0.789</td>
<td>0.515</td>
<td>0.750</td>
<td>0.530</td>
<td>0.832</td>
</tr>
<tr>
<td>9. Care (CARE)</td>
<td>B5</td>
<td>4.09</td>
<td>0.778</td>
<td>0.657</td>
<td>0.750</td>
<td>0.500</td>
<td>0.841</td>
</tr>
<tr>
<td></td>
<td>B3</td>
<td>4.20</td>
<td>0.750</td>
<td>0.655</td>
<td>0.750</td>
<td>0.500</td>
<td>0.841</td>
</tr>
<tr>
<td></td>
<td>B4</td>
<td>4.06</td>
<td>0.749</td>
<td>0.634</td>
<td>0.750</td>
<td>0.500</td>
<td>0.841</td>
</tr>
<tr>
<td>10. Quality control (CONTR)</td>
<td>G4</td>
<td>4.09</td>
<td>0.816</td>
<td>0.653</td>
<td>0.656</td>
<td>0.491</td>
<td>0.701</td>
</tr>
<tr>
<td></td>
<td>E4</td>
<td>4.07</td>
<td>0.848</td>
<td>0.507</td>
<td>0.656</td>
<td>0.491</td>
<td>0.701</td>
</tr>
<tr>
<td>11. Value of investment (INVES)</td>
<td>B1</td>
<td>4.08</td>
<td>0.744</td>
<td>0.798</td>
<td>0.729</td>
<td>0.574</td>
<td>0.720</td>
</tr>
<tr>
<td></td>
<td>B2</td>
<td>4.10</td>
<td>0.790</td>
<td>0.709</td>
<td>0.729</td>
<td>0.574</td>
<td>0.720</td>
</tr>
</tbody>
</table>
measurement model is clear, accurate and reliable. Regarding the reliability of Cronbach’s Alpha, the alpha coefficient was found to be between 0.701 and 0.954; all values were greater than 0.70, indicating that the questionnaire had sufficient confidence.

This research analyzed the structural equation model in terms of applying the sufficiency economy philosophy to community enterprise management by using a package program to compare the harmony between the developed model and the empirical data. Given the criteria to evaluate the consistency, the researchers considered the following statistical values. The relative chi-square should be less than 3.00. As seen in Figure 1, \( \chi^2 = 1479.667 \) and Df = 851. From the analysis, \( \chi^2/\text{df} = 1.738 \), which is a value less than 3.00. CFI = 0.959 and TLI = 0.968, which are values greater than 0.95; RMSEA = 0.041 and SRMR = 0.047, which are lower than 0.05. These results show that the structural equation model in terms of applying the sufficiency economy philosophy to community enterprise management towards sustainability is consistent with the empirical data, as shown in Figure 1.

![Figure 1. The structural equation model applying sufficiency economy philosophy to community enterprise management toward sustainability.](image)

5. Discussion

Regarding the approach to applying the sufficiency economy philosophy in community enterprise management towards sustainability, from the corroborative component analysis, it was found that there were 11 elements. This study leads to a new concept in applying the sufficiency economy philosophy for sustainability, based on the following factors: (1) financial control, (2) planning, (3) member management, (4) morals, (5) prevention plan, (6) moderation, (7) knowledge and expertise, (8) market development, (9) care, (10) quality control and (11) value of investment. If entrepreneurs or farmers apply these to their own business, it will lead to sustainability. From past research, there are many aspects involved in applying the applying the sufficiency economy philosophy; for example, SMEs have applied the sufficiency economy principle to their businesses. In that work, it has been found that there are six important components: (1) moral management, (2) labor management, (3) financial and accounting management, (4) immunity management, (5) business network integration and (6) the ability to read financial statements [57]. The research mentioned above is similar to the present research, especially in the aspect of morality or management; according to the principles of morality, it is necessary to operate the business with honesty, not cause problems for others in the community, be fair, not take advantage of others and be diligent. It is also necessary to adhere to the principles of morality in the operation of the...
business by using resources appropriately on the basis of honesty and self-development. In order to be an entrepreneur with diligence, one should work without taking advantage of others [58]. This is an important factor for the sustainability of farmers.

Some research on the sufficiency economy philosophy has also found that good immunity involves knowledge and integrity, which is the approach that farmers have applied within the community [59]. Risk is the main element of each body that should be paid sufficient attention, and one should aim to prevent it. The risk factors mentioned above are consistent with this research, because risk prevention planning serves to build immunity for the organization. The context of risk under the sufficiency economy philosophy is the cause of the risk and the type of risk [60]. Guidelines for applying the sufficiency economy philosophy for community enterprises focus on applying the sufficiency economy philosophy as a business tool, as well as its application in daily life. Living a harmonious life, being honest and altruistic and living a life based on moral principles will help to foster well-being and increase farmers’ happiness; thus, they can pass on their happiness to others, ensuring a good attitude and contributing to a sufficient current income [61,62]. This finding is similar to this research in terms of the self-estimation factor. Self-estimation, based on the Buddhist Dharma, helps to ensure good behavior. Religion helps to improve the well-being of farmers and enhance their treatment of others. Being kind and happy is beneficial for oneself and others. Applying the sufficiency of economy philosophy to SMEs, in particular the knowledge factor, has a direct influence on morality, moderation, rationality and self-immunity, and moral factors directly influence the moderation and reasonableness of SMEs [63]. The use of the Dharma, according to Buddhist principles, will help to maintain the five precepts [64], resulting in morality in life, being prudent and having moral principles, which is consistent with this research. Most farmers adhere to the five precepts and regularly attend temples to listen to the Dharma, which is a unique social and cultural characteristic of farmers, resulting in sustainability and ensuring that the success factor of the modern business is sustainable. There should be a strategy for financial control, planning, knowledge and expertise control and market development; these factors should all be integrated into a strategy, aiding members to gain expertise in order to achieve competitive sustainability [65]. As an effect of sustainability, community enterprises should have the ability to adapt and be flexible to change at all times. For example, they may expand into the city in various fields in the future [66]. The most important aspect of agricultural community enterprises is the application of strategies to integrate the sufficiency economy philosophy, which results in careful strategic planning that considers every point of view, helping to create competitive sustainability. The investment factors that were studied in this work are important, but there is very little existing research. Given this issue, agricultural community enterprises have adopted a cost-effective approach as well, because investment in agriculture should use capital that is worthwhile. Spending large amounts of money can lead to a waste of investment that is not worthwhile and does not lead to sustainability.

6. Conclusions

This study focuses on the approach to applying the sufficiency economy philosophy in the management of community enterprises towards sustainability. We focused on agricultural community enterprises in Thailand, analyzing the main elements. The approach to the application consists of 11 components, namely, (1) financial control, (2) planning, (3) member management, (4) morals, (5) prevention plan, (6) moderation, (7) knowledge and expertise, (8) market development, (9) care, (10) quality control and (11) value of investment. This is the approach that community enterprises have adopted in their organizations. In particular, in terms of morality, this is an important factor that farmers have applied, along with the sufficiency economy philosophy and the application of Buddhism. The researchers analyzed the structural equation model in terms of applying the sufficiency economy philosophy to the management of community enterprises towards sustainability in order to assess the harmony between the development model and the empirical
data. The results showed that it is consistent with the observational data; in particular, the concept of the sufficiency economy philosophy is very popular among farmers, who apply the sufficiency economy philosophy in terms of moderation, rationality and good immunity. They emphasize knowledge along with virtue. The results of this research are consistent with the sufficiency economy philosophy because if farmers implement it, it will bring sustainability for the next generation. Another factor that is interesting is investment value, which can be applied to a policy area by training and educating entrepreneurs to lead sustainable practices in the future and help community enterprises be self-sufficient. This factor is a new factor, which probably emerged due to the current circumstances of the COVID-19 pandemic. The economy is experiencing a downturn and the baht is in decline; as a result, farmers should carefully consider whether it is reasonable to make investments at present. This factor could be considered in future research, particularly if the Thai economy continues to slow down. The last thing a community enterprise encounters is the problem of applying the sufficiency economy philosophy back to the community. In this case, what should be applied? The way to solve sustainability problems is to apply the eleven listed elements. Some of these may not be applicable at all, so they should be integrated slowly or gradually to enhance sustainability.

Author Contributions: Conceptualization, J.M.; methodology, J.M. and P.U.; validation, P.U.; formal analysis, J.M. and S.D.; data curation, P.U. and S.D.; writing—original draft preparation, J.M.; writing—review and editing, J.M.; visualization, S.D.; supervision, J.M. All authors have read and agreed to the published version of the manuscript.

Funding: This research received no external funding.

Institutional Review Board Statement: The study was conducted in accordance with the Declaration of Helsinki, and approved by the Chairman of human research ethics committee, Rajamangala University of Technology Isan, Thailand. Project code: HEC-04-65-098 and date of approval, 9 November 2022.

Informed Consent Statement: Not applicable.

Data Availability Statement: Not applicable.

Conflicts of Interest: The authors declare no conflict of interest.

References


55. Fornell, C.; Larcker, D.F. Structural Equation Models with Unobservable Variables and Measurement Error: Algebra and Statistics; Sage Publications Sage CA: Los Angeles, CA, USA, 1981. [CrossRef]


Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.