Existing Differences Between SMEs That Apply BSC and Those That Do Not

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Abstract

This paper aims to confirm the importance of BSC (Balanced Scorecard) in SMEs’ organizational performance. To perform the empirical study of this investigation, a field study, namely a qualitative approach, Multi Case Study was selected and developed in two small and medium organizations (SMEs) in the wine sector. One of the organizations, had the Balanced Scorecard (BSC) implemented while the other did not, which made it possible to ascertain the existing differences among SMEs that apply and those that do not apply BSC.

The results showed that BSC has impact on business success. SMEs benefit from the implementation of BSC, consequently SMEs were encouraged to adopt it based on the benefits in terms of performance and measurement of strategic objectives. This study reflects that BSC has been a discussion and research topic over the last few years as it leverages business. Managers seek appropriate BSC tools to implement indicators and monitor these in accordance with the global organizational strategy. Besides BSC provides managers with relevant information to take decisions, define action plans and achieve the whole organizational control.

Keywords: Management Control; Balanced Scorecard; Performance; SMEs.

1. Introduction

In recent decades Portuguese business structure has undergone sharp adjustments, reflecting changes in competition (China and other Eastern European countries). It is known that some sectors stand out more than others, namely the wine industry, tourism, catering and even agriculture. Among Portuguese organizations, SMEs have the greatest economic relevance. In the wine industry three-quarters of the organizations are SMEs and generate around 70% of the sector’s turnover.
Given the relevance of SMEs, business success has increased supported by internal sets of Management Control Tools which guide business administrations and managers.

Bearing in mind the strategic relevance of Management Control Tools such as the need to interlink different organizational perspectives, Kaplan and Norton developed an important Management Control Tool, namely the BSC, in the 1990s. The well-known BSC as referred by [1][2] comprises four Perspective indicators: the Financial Perspective consisting of indicators that show the results of past actions; the Customer Perspective composed of indicators related to customer satisfaction; the Internal Perspective comprising processes referring to the potential to improve, and the fourth Perspective named Learning and Growth includes training and infrastructures to leverage organizational development.

BSC empowers strategic analysis, leads to value creation, as is the case with mapping and monitoring strategy in order to guide managers to interconnect operational performance with the strategic objectives, being considered as one of the most prevalent performance and strategic management tools [3][2].

As the strategic map is the basis for the BSC development, it characterizes the whole organizational strategy and describes the critical success factors of the organization. Furthermore, it illustrates the relationship between each of the four perspectives and their cause and effect relationships, showing an objective way of value creation to the entire organizational structure.

2. Literature Review

2.1. Management Control

Management Control Tools have gradually become recognized, especially since the 1980s. At that time, public institutions began to pay more and more attention to performance appraisal and to continuous improvement projects. As the primary objective of public institutions is the analysis and identification of processes, products (goods or services), also for public institutions, performance measurement tools guide to identify deviations and follow action plans [4][5].

In the early 1990s managers confirmed that the analysis and monitoring of financial indicators hindered an overall overview, with a short-term focus only on financial indicators that compromised long-term options [6]. Following this path, [7] proposed to change General Electric’s eight options to four perspectives composing the Balanced Scorecard (BSC), one of the most widely used management tools for monitoring and balancing organizational performance indicators [7].

The BSC proposed by [7] argues that management cannot only concentrate on financial indicators, because the financial aspect, by itself, does not generate value. According to these authors, at the time of BSC’s development, only 5% of operational employees knew the organization’s strategy and only 25% of managers received incentives to achieve previously defined objectives. Additionally, 60% of organizations did not link budgets to strategy, while about 85% of managers devoted
less than an hour a month to organizational strategy. Thus, after having developed Case Studies over a year, in twelve companies, as reported by [8], the BSC was presented in 1992 as a multidimensional Management Control Tool, which over time has become a more complete management tool, as shown in Table 1:

<table>
<thead>
<tr>
<th>System</th>
<th>Functionalities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement System</td>
<td>- Specific indicators and objectives (1992)</td>
</tr>
<tr>
<td>Communication system</td>
<td>- Information of the organisation's strategic objectives (1992-1993)</td>
</tr>
<tr>
<td>Global and individual evaluation system</td>
<td>- Implementation of strategies</td>
</tr>
<tr>
<td></td>
<td>- Strategic implementation tool, transforming measures into specific actions and consequent value creation</td>
</tr>
<tr>
<td></td>
<td>- Measures and actions also of intangible values (1993; 1996-1997)</td>
</tr>
<tr>
<td>Strategic management system</td>
<td>- Decision-making aid</td>
</tr>
<tr>
<td></td>
<td>- Evaluates and monitors the management system, linking intellectual capital to strategy, communicating across organisational borders (1996-1997; 2004)</td>
</tr>
<tr>
<td>Self-assessment system of the management system</td>
<td>- Concentration of intellectual capital in favour of the established strategy (2004-2008)</td>
</tr>
<tr>
<td>Strategic relations management system</td>
<td>- Strengthening strategic relations with the outside</td>
</tr>
<tr>
<td></td>
<td>- Bringing back extraorganizational relationships, giving primacy to strategic alliances (2010).</td>
</tr>
</tbody>
</table>

Table 1. Evolution of BSC, Source: adapted from [9] cited by [10]

Based on the previously mentioned four organizational Perspectives, namely: Financial perspective, Customer perspective, Internal Perspective and Learning & Growth Perspective, managers have a balanced view. The perspectives are interconnected through cause-effect relationships, which lead to the defined strategic objectives [7].

Managers are able to have an individual overview on the one hand and an aggregated overview of the actual performance, on the other. Furthermore, a comparison between the actual and the budgeted organizational strategy is enabled [11], as shown in Figure 1.

Knowing that traditional performance indicators are based only on accounting systems, [12] highlight the added value of Dashboards. Sustained on the Dashboards, like BSC strategic objectives might be communicated and monitored. In order to have this overview, managers need to be aware of the importance of the Balanced Scorecard Steps, as described in Table 2.
Figure 1. Perspectives of the Balanced Scorecard, Source: adapted from [4]

<table>
<thead>
<tr>
<th>1st Step</th>
<th>Strategy Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Step</td>
<td>Definition and implementation of strategy support measures.</td>
</tr>
<tr>
<td>3rd Step</td>
<td>Integration of measures into the management system.</td>
</tr>
<tr>
<td>4th Step</td>
<td>Periodic verification of measures and results.</td>
</tr>
</tbody>
</table>

Table 2. Steps of the Balanced Scorecard, Source: Adapted from [13]

[14] argues that the implementation of the BSC is divided into the following steps:
- Define the sector of activity and evidence the role and development of the organization;
- Define the organization’s perspectives;
- Define the organization’s vision, taking into account each perspective;
- Identify critical success factors for the organization;
- Develop strategies to create an organizational balance across the organization;
- Set the goals to be achieved by the organization;
- Create and develop an action plan to execute the organization’s strategy.
Managers should define the strategic indicators and their targets, in accordance with the organization’s strategy, as seen in Table 3 in which the Process of Performing Strategy is highlighted.

<table>
<thead>
<tr>
<th>Strategy development process</th>
<th>Objectives</th>
<th>Platform</th>
<th>Representative Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mission, Vision and Values (What business are we in? Why?)</td>
<td>Reaffirm the organisational guiding lines</td>
<td>Set out how to execute the view</td>
<td>Mission analysis; Confirmation of vision; Central values;</td>
</tr>
<tr>
<td>Strategic objectives</td>
<td>Clearly set the financial target, as well as strategic</td>
<td>Establish the economic model that will be used</td>
<td>Mission measures Decomposition of value;</td>
</tr>
</tbody>
</table>
Considering the strategy development process, it is verified that the point at which a given organization is, is measured by comparison to the goal. In this process it is effectively considered that the key to organizational success are employees [11]. It is known that the involvement and commitment of all the collaborators lead to a more efficient performance, so to have a clear overview about the Job Descriptions, the individual performance indicators also need to be clearly identified [16].

Despite its recognition, BSC was not the only tool proposed, given the need to broaden the field of action, involving medium and long-term financial and non-financial indicators, other management tools emerged, such as Tableau de Bord [17]. Although the Tableau de Bord and BSC tools use both financial and non-financial indicators, BSC distinguishes itself by incorporating cause-and-effect relationships between indicators grouped into four perspectives. BSC proves to be more dynamic, given its use of trend indicators, allowing future projections to be made, which may provide relevant information to reorient the strategy [18].

However, as noted and supported by the literature, BSC stands out as its applicability goes beyond the boundaries of private, for-profit companies, as it may also assist public institutions as public managers focus on performance indicators (KPI) and their causal relationships [19]. It is precisely on the basis of these gains that
the tool is also distinguished from the KPI Scorecard measurement system, as BSC, unlike the KPI Scorecard, interrelates strategic objectives in the four dimensions. Due to this limitation of the KPI Scorecard, strategic measurement of processes is achievable, in case that processes are interconnected with a global process [20].

Over the years there has been a need for the design of sustainability control mechanisms such as environmental sustainability [21]. Guidance on organizational sustainability is the key factor in justifying the integration of Sustainability Control Systems [22].

Over the past few years there has been much research and discussion on which definition of Management Control in the literature best fits the business reality [23].

Due to the high pressure to innovate, organizations and mainly managers seek Management Control tools [24], [25]. Consequently, Management Control gathers information to guide managers in decision making, planning activities and operational control [26]. A Control Tool goes beyond a monitoring process as it directs managers to decisions and guides their actions to reach their ultimate goal [27].

BSC influences managers' behavior as it highlights problems, avoiding the non-achievement of defined goals [28]. Furthermore, BSC promotes managers’ capabilities to orientate the national and international market [29]. Overall, it provides all financial and non-financial information essential for making strategic decisions [30].

Management Control Tools should manage and coordinate communication between the different operational areas, so that stakeholders are able to coordinate, manage and dialogue about their needs [26]. [31] argue that much of the organization’s financial success is related to its intangible resources.

2.2. Balanced Scorecard – its four Perspectives and the Strategic Map

From time to time, managers need to review and reconfirm their mission, namely to ask why this organization exists, what its values are, i.e., the attitudes and behaviors of the organization [32]. Organizations define their organizational mission to afterwards set internal and external goals [33]. Furthermore, the defined goals need to be aligned with the organizational mission. This alignment is performed by compliance of strategic objectives, resource allocation, organizational competencies, definition of responsibilities and competencies such as the development of strategic objectives [34].

[32] created an intermediate step between the definition and implementation of the strategy, which consequently will enable the analysis of the deviation between current and forecasted status for the next three to five years.

The mission has a more specific character, it defines how and in what way they should act to achieve the strategic objectives. Regarding vision, the internal and external environment elucidates where the organization intends to be in the future [35].

To make the communication of vision and strategy effective, it is important that the mission is defined by top management, while the strategy must be planned by all employees [36], [37]. Anchored in the BSC, several internal advantages are stressed,
such as strategically directed communications and clearly conveyed information to employees using a common language. The added value consists mainly in a clear communication that allows all employees to understand and, consequently, work towards the same goal. In this sense, it is relevant to maintain intrinsic motivation, as employees often ask the following questions [36]: (i) Does my organization have a defined strategy for success? (ii) how does performance play an important role for the organization? It is essential that employees feel that they can contribute to the strategy. Organizations can link strategy maps to BSC to link all production units in a corporate way to vision and strategy [36].

[7] defined the concept of the BSC as an important instrument of performance evaluation, complementing the financial indicators that show the results of past actions with indicators of the operational side related to: customer satisfaction, internal processes and the learning and growth potential. Organizations need to improve the activities that lead to good financial performance in the future [7].

The BSC is considered a strategic management system involving the existing relationships between perspectives, aiming at the development of management processes based on the change of vision, strategy and the relationship between objectives and strategic indicators [38].

[39] argue that the BSC with its four perspectives is an adequate model to characterize the strategies devised for value creation. [40] reinforce this theory by encouraging four perspectives in the BSC that allow for a strategic analysis. In this sense, the financial perspective is geared towards a strategy of growth, profitability and risk. The customer perspective is driving the strategy of creating value and differentiation, based on the perspective of the customer. The internal process perspective focuses on the strategic priorities of business processes which create customer and business satisfaction.

Finally, the main priorities of the perspective of learning and growth are the organization’s development and the creation of new cultures, such as innovation and growth.

BSC guarantees managers a management tool focused on the creation of the strategic map of their organizations, which forces them to act to the detriment of the competitive factors that can direct them to success, interconnecting operational performance to the strategic objectives [41].

Proof of this is that strategic maps represent the key characteristics of an organization’s strategy, since they provide the fundamental points for the construction of the BSC, making it possible to understand the organization’s strategy, how it intends to achieve it and how it intends to create relationships between the various objectives and each perspective [42].

Thus, the strategic map describes the entire strategy of the organization, describing all the critical success factors of the organization and the relationship between each of the four perspectives and the cause and effect relationships, objectively evidencing the creation of value for the entire organizational structure [43].

In the event that deviations from the target are identified, action plans need to be developed, as explained in Figure 2:
BSC is designed based on four primary phases in order to reach the defined Strategy:

i. plan/planing - where financial results stand out. It consists in defining the organizational strategy and the four perspectives;

ii. do - definition of strategic objectives;

iii. check/confirmation - results are presented to top management in periodic monitoring meetings

iv. act / corrective actions, meetings are held to define action plans, and new directions

In SMEs led by the entrepreneur and co-founder of the organization, usually the future successors will continue to work in the way the founder started. [45] and [46] further argue that BSC should allow organizations to take advantage of all the qualities and creativity of all its employees in order to control the organization’s business strategies.

[47] define organizational performance as an important indicator for assessing the operational efficiency of an organization. [48] argue that the performance of employees in an organization is viewed through two strands, behavior and results.

2.3. Balanced Scorecard in SMEs

The performance of an SME business is influenced by ownership, management method applied, family involvement in management, legal aspects, and economic policies of markets and countries of operation [49]. In the wine industry, critical
success factors such as wine quality, brand, labeling and packaging are key factors influencing the volume of sales of Portuguese wine to the national and international markets. In addition to these key factors, there are also the particularities of the region, climate, soil, history, geography and culture, which are also essential for understanding the success of export sales [50]. [50] also stated that the relation between winemakers and exporters is relevant. These mergers stand out, for example, through lower prices, product quality, the attractiveness of the packaging and the label. The relationship between the organization’s performance, its competitiveness is aligned to the growth success of its business [37], [51], therefore to effectively align BSC, it is crucial to link it to strategy [52].

For [53][54] family organizations, are managed by their owner, who takes all organizational decisions.

In Portugal, there is still no key definition of the concept of family organization [55]. A family organization results from the strategy, vision and ability that the founder has in directing all his actions in order to grow the entire organization in a sustainable way, applying and investing all the necessary capital in human resources so as to achieve the necessary business objectives [56], [57].

The founders and owners of family organizations differ from other managers regarding the importance of the organization’s solvency and business prestige [58].

The founder of the organization acts essentially as the organization’s energizer and motivator, because he shares his values and convictions of the organization as a whole with all the elements of the organization, representing an important factor for the continuity of the organization. The continuity of the family allows the conservation of the values introduced by the founder, which are accepted by the collaborators. By effectively managing the resources available in the organization, together with strategic planning, management skills, owner decision-making and business orientation, an administration can achieve good results and growth [59].

There are authors who argue that family businesses should apply management control systems, namely the BSC [60], [61], as it is the management tool that best suits the family business relationship, family management – family business, functioning as an aid not only in the communication and training of organization members [61]. In this sense, below in Table 4 we can find the Balanced Scorecard of the SME with BSC:

<table>
<thead>
<tr>
<th>Perspectives</th>
<th>Objectives</th>
<th>Indicators</th>
<th>Target</th>
<th>Action Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial</td>
<td>1. Increase profitability</td>
<td>Sales</td>
<td>≥ 5%</td>
<td>1. Promote the product at national fairs and competitions;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2. Creation of a web store on the Internet;</td>
</tr>
<tr>
<td>Own capitals</td>
<td>≥ 5%</td>
<td></td>
<td></td>
<td>2. Creation of a web store on the Internet;</td>
</tr>
<tr>
<td>2. Reduce Costs</td>
<td>Costs per unit</td>
<td>≤10%</td>
<td></td>
<td>3. Resort to the importation of Spanish containers (bottles and carboys) since they have a lower cost;</td>
</tr>
<tr>
<td>3. Decrease average receipt time</td>
<td>Average receipt time</td>
<td>≤30 days</td>
<td></td>
<td>3. Resort to the importation of Spanish containers (bottles and carboys) since they have a lower cost;</td>
</tr>
</tbody>
</table>
The BSC supported the implementation of the strategy as well as the decision-making. Managers had to resort to strict procedures in order to ensure implementation:
- All employees of the organization had to be fully involved in the project;
- The head of the BSC implementation project was defined;
- Awareness was raised among all stakeholders of the importance of the BSC implementation project, and of the fact that it is a continuous endeavor and not a purely static tool;
- The organization had to identify potential elements which constituted a barrier to the creation and implementation of the BSC;
- The organization had to communicate effectively the mission, values and vision to all its employees, with the objective of ascertaining whether or not they identified with the strategy.

### 3. Methodology

This research focuses on Case Studies based on a qualitative and exploratory methodology, as it aims to understand differences in organizations with and without BSC.

We chose to conduct interviews because, according to [62], they represent a fundamental instrument for data collection for qualitative research. To this end, an interview guide (see Appendix A) with a structure and set of questions based on [63] was developed. Therefore, the research involves analyzing data collected through the interview method, visits to the organizations’ facilities to monitor their business operations and the BSC systems.

### Table 4. Balanced Scorecard of the SME with BSC

<table>
<thead>
<tr>
<th>4. Increase Gross Added Value</th>
<th>Gross Added Value</th>
<th>≥ 200.000€</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer</td>
<td>5. Increase Number of Customers</td>
<td>No. of total customers per year</td>
</tr>
<tr>
<td></td>
<td>No. of export customers per year</td>
<td>≥ 10%</td>
</tr>
<tr>
<td>Internal Processes</td>
<td>6. Improve product quality</td>
<td>% grapes received from controlled farmers</td>
</tr>
<tr>
<td>7. Research for new products</td>
<td>% investment in R&amp;D in 2017</td>
<td>≥ 1% Turnover</td>
</tr>
<tr>
<td>Learning &amp; Growth</td>
<td>Employee Training</td>
<td>No. of training hours per year</td>
</tr>
</tbody>
</table>
activity, data collection from internal documents and quantification of the application of internal management control procedures.

Two small and medium-sized enterprises (SMEs) were selected from the wine sector in the northern region of Portugal. The sample served to study the relationship between management control and business success and to measure and evaluate the results obtained in the study time span, i.e., in the period 2014 and 2017. The sample was expected to enable a data analysis for the study of the relationship, which was to be conducted in phases. Firstly, interviews with business management were conducted, using a semi-structured interview guide based on the work of [63]. Direct observation of the activity of the organizations was carried out and documentary analysis of the data collected in the organizations was also done.

Phase 1 – The main aim of the interviews with the administrative staff of the companies was to collect data and information on them, concerning the characterization of the organization and its recent economic and financial developments, as well as the characterization of management control instruments implemented, among other information considered to be fundamental in the development of the study.

Phase 2 - In the direct observation of the activity our goal was to observe the activities of companies, the preparation of business plans and finally to be present at a monthly meeting where middle managers present and analyze the results of their area of responsibility.

Phase 3 - Finally, in the documentary analysis of the data collected in the companies, we analyzed the financial situation of the organization, the sectors and the evolution of what we intend to address in the case study:

- Business plan and its annual budget;
- Analysis of the results of the respective area of activity;
- Analysis of strategic planning and operationalization of the management control system;
- Analysis of the existing information system and the rules defined for management control;
- Analysis of existing resources within its activity, considering the operationalized management control system;

These three phases mentioned above allow us to link a number of views on the management control systems used by companies, to reduce subjectivity in the study of the information obtained.

The SME with BSC privileges gender equality (5 male and 5 female employees), employees with a lot of experience in the area and with training linked to management. It is clear here that the organization is interested in having qualified employees in its staff, as can be seen below in Table 5:

<table>
<thead>
<tr>
<th>Average Age</th>
<th>39,3 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender</td>
<td>5 Male</td>
</tr>
<tr>
<td></td>
<td>5 Female</td>
</tr>
<tr>
<td>Management Level</td>
<td>2 Top Management</td>
</tr>
<tr>
<td></td>
<td>1 Intermediate Management</td>
</tr>
</tbody>
</table>

Table 5
On the other hand, regarding question nr. 3 of the Interview Guide (Attachment 1 “In your opinion, has this organization successfully achieved business success in the face of uncertainty and economic difficulties over the last five years and if so, what explains this achievement? Justified your response by stating that the BSC might not be relevant to guide the organization’s performance and strategic changes. Furthermore, they provided a table outlining its priorities, operational activities, business strategies, and performance, such as better communication among departments and employees. The BSC was introduced in accordance with the organizational structure and employees.

Table 5. Sociodemographic Characterization of Interviewees (SME with BSC)

<table>
<thead>
<tr>
<th>Experience in Management</th>
<th>7 Operational Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;5 years</td>
<td>2</td>
</tr>
<tr>
<td>5-10 years</td>
<td>3</td>
</tr>
<tr>
<td>&gt;15 years</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Academic Background in Management</th>
<th>Secondary School Level – 7</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bachelor – 1</td>
</tr>
<tr>
<td></td>
<td>Master – 1</td>
</tr>
<tr>
<td></td>
<td>Other – Marketing 1</td>
</tr>
</tbody>
</table>

On the other hand, SME without BSC, despite privileging gender equality does not have in its intermediate, operational or top-level staff, many employees with academic training linked to management. It only has a certified accountant, who works in an external accounting office. However, many of the employees have more than 15 years of experience in the business sector, as can be seen in Table 6 below with summarized information.

Table 6. Sociodemographic Characterization of Interviewees (SME without BSC)

<table>
<thead>
<tr>
<th>Average Age</th>
<th>48 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender</td>
<td>3 Female</td>
</tr>
<tr>
<td></td>
<td>3 Male</td>
</tr>
<tr>
<td>Management Level</td>
<td>2 Top Management</td>
</tr>
<tr>
<td></td>
<td>0 Intermediate Management</td>
</tr>
<tr>
<td></td>
<td>3 Operational Management</td>
</tr>
<tr>
<td>Experience in Management</td>
<td>&lt;5 years 1</td>
</tr>
<tr>
<td></td>
<td>5-10 years 1</td>
</tr>
<tr>
<td></td>
<td>&gt;15 years 3</td>
</tr>
<tr>
<td>Academic Background in Management</td>
<td>Secondary School Level – 4</td>
</tr>
<tr>
<td></td>
<td>Bachelor – 2</td>
</tr>
<tr>
<td></td>
<td>Master – 0</td>
</tr>
<tr>
<td></td>
<td>Other – 0</td>
</tr>
</tbody>
</table>

4. Analysis of the Results

The criteria that characterize a successful organization are common between organizations with and without BSC implemented, namely customer acquisition, customer loyalty and satisfaction, turnover, product quality and internationalization of products and brand, while it is notable that the perspective with the most relevance, immediately after the financial perspective, is the customer perspective.

The success of the last five years, in comparison to the predicted success for the same time span is more aligned to its strategy in the case of the SME with BSC. In the organization with BSC the main key factors for success are related to customer satisfaction, loyalty, volume of orders, the turnover and the increase in revenue. Other factors that contributed to the organization’s success in the last five years and especially in the last year were the brand expansion through internationalization and the increase of exportations. BSC enabled a better understanding of the success
achieved by the organizational performance, such as better communication among departments and employees.

Regarding question nr. 3 of the Interview Guide (Attachment 1 “In your opinion, has this organization, over the last 5 years, been as successful as expected? Why?”). They justified their responses by stating that the organization improved its organizational performance and benefited from the introduction of BSC. All respondents responded positively, stating that the organization had had business success in the last five years. On the other hand, regarding question nr. 3 of the Interview Guide (Attachment 1 “In your opinion, has this organization, over the last 5 years, been as successful as expected?? Why?”) The SME without BSC did not achieve business success in the previous five years, with the main reasons being: strong competition, high wine prices, order failures, volume decreases, lack of diversified products, missing partners and competitors in the sector. Furthermore, the SME without BSC has not been successful in recent years and there was a reduction of 30% in turnover. Negative feedback from customers, which leads the organization to lose customers, a decrease in revenue and a negative business performance were identified. Concerning the perception of the performance evolution, the organization with BSC confirm that they are able to focus on strategic changes. It improved its organizational performance and benefited from the introduction of the BSC. The interviewees also highlighted the fact that with the introduction of the BSC, the organization improved its organizational performance, communication between departments and employees. The BSC enabled the SME to redefine itself as an organization outlining its priorities, operational activities, business strategies, and processes and working methods, but above all, it guided management decisions.

Organizations without the BSC have the perception that BSC has a positive influence on organizational performance and strategic changes. Furthermore, they consider that the BSC might be relevant to guide the organizational structure and sustainability, to compete in the activity sector, by innovating, developing products and achieving economic recovery and success. In SMEs without BSC, managers would welcome its introduction, in accordance with [64], [65], to provide them with useful information for decision-making, planning and evaluation of the organization’s activities, to combat the scenarios of uncertainty and business complexity that may arise and to be fundamental for the creation of business strategies.

In the SME without BSC it is well known that profitability in both the financial and customer perspectives is the most important for this organization. BSC was initially a simply model of performance measurement, but it became a model of strategic management, strategic communication and change management. [66] state that financial indicators translate organization strategy through growth, profit and value creation, customer indicators focus on customer value creation, and internal indicators of learning and growth are characterized by measuring their success in the medium and long term through the flexibility and adaptability and adequacy of intangible assets. The literature recognizes the importance of intellectual capital and organizational learning in the overall performance of an organization [67]. BSC plays a fundamental role in organizations because it enables competitive advantages and the achievement of business success in the face of uncertainty and economic difficulties.
Furthermore, SMEs without BSC showed a lack of business control grounded on management limitations and on the undefined organizational structure. In general, small and young organizations perform better than older and larger ones, as small organizations are more concerned with business performance [68].

On the other hand, the SME with BSC benefited from the adoption of the BSC in its business management, because it obtained better results, increased performance, whereas organizations without BSC, showed several limitations which constituted a barrier to positive financial and operational results. [69], [70] argue that BSC should adapt and support the organization’s business strategy in order to achieve superior performance. [71] highlighted the importance of turnover, as the performance increase is linked to organization’s results.

When comparing the importance given to each Perspective by SMEs with BSC and SME without BSC, we verify that organizations with BSC have a more accurate and equal distribution, as seen in Table 7 below:

<table>
<thead>
<tr>
<th>Perspective</th>
<th>Average Relevance</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINANCIAL</td>
<td>27%</td>
</tr>
<tr>
<td>CUSTOMER</td>
<td>24%</td>
</tr>
<tr>
<td>INTERNAL</td>
<td>11%</td>
</tr>
<tr>
<td>LEARNING &amp; GROWTH</td>
<td>10%</td>
</tr>
</tbody>
</table>

Table 7. Average Relevance of each Perspective (SME with BSC)

In contrast, organizations without BSC focus much more, in an unbalanced way, on the Financial Perspective:

<table>
<thead>
<tr>
<th>Perspective</th>
<th>Average Relevance</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINANCIAL</td>
<td>41%</td>
</tr>
<tr>
<td>CUSTOMER</td>
<td>21%</td>
</tr>
<tr>
<td>INTERNAL</td>
<td>19%</td>
</tr>
<tr>
<td>LEARNING &amp; GROWTH</td>
<td>19%</td>
</tr>
</tbody>
</table>

Table 8. Average Relevance of each Perspective (SME without BSC)

The top managers of the SME without BSC attributed a weight of 60% and 70% to the Financial Perspective, which doubtless confirms their main focus on this Perspective. Without a management tool it is difficult to align the relevance of the perspectives, so managers without BSC highlight the Financial Perspective.

Regarding the academic background, some differences were identified, as organizations with BSC have staff from the Management field, whereas those from organizations without BSC have an engineering background. Considering these differences, it is notable, as [72] argue that SMEs should improve management knowledge because the renewal of knowledge and the development of professional aspects are essential for SMEs. [2][73] confirm that there is a need to define professional competence, but above all, to identify the people with the best knowledge
and skills that allow and contribute to the organization’s success thereby improving their business and performance.

[39] emphasize the importance of alignment of the objectives in the four perspectives, representing the key factor for value creation through a consistent internal strategy elaborated by the whole organization. Organizations with BSC can distribute and balance the importance of all the perspectives in an adequate way, whereas organizations without BSC miss this balancing feature. Furthermore, inefficient or lack of communication by managers may be a barrier to implement strategies [74], [75]. According to [76] many managers seek to align the objectives of the BSC’s perspectives to identify new businesses, increase their competitive advantages, in order to achieve better organizational performance. Finally, [77] consider that a strategically aligned model is one that contemplates a strategy that can integrate and relate the external environment (market) to the internal environment (organizational structure). Organizational strategies are aligned to gather individual strategic indicators or definitions in a comprehensive way [78], [79].

Acknowledgements

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Appendix A - Interview Guide

GUARANTEE OF CONFIDENTIALITY

This study aims to evaluate the importance of Management Control Tools and their impact on organizational performance.
The Balanced Scorecard (BSC) is a recognized management tool that translates the vision and strategy of organizations through a set of performance indicators, based on critical factors. The data obtained will be aggregated to allow their processing and conclusions. This way, we not only assure the total confidentiality of the data, but we also guarantee the study in aggregate form. In this context, we ask you for the utmost rigor and objectivity in order to ensure that the analysis is performed with the desired validity and reliability.

1. What is important in this company? Score each of the statements from 0 to 100.

<table>
<thead>
<tr>
<th>Statement</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>This company attaches importance to human resources. High cohesion and morale are important in this company.</td>
<td></td>
</tr>
<tr>
<td>This company attaches importance to the growth and provision of new services. How fast you are facing new challenges is important.</td>
<td></td>
</tr>
<tr>
<td>This company attaches importance to permanence and stability. Efficiency, incremental changes are important in this company.</td>
<td></td>
</tr>
<tr>
<td>This company attaches importance to competition and results. Achieving goals is important in this company.</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>
2. What are the criteria you can point out to characterize this company as a successful company in the sector?

___________________________________________________________________________________

___________________________________________________________________________________

___________________________________________________________________________________

3. In your opinion has this company, over the last 5 years, been as successful as expected? Why?

___________________________________________________________________________________

___________________________________________________________________________________

___________________________________________________________________________________

___________________________________________________________________________________

4. In your opinion, did this company last year achieve the expected success? Why?

___________________________________________________________________________________

___________________________________________________________________________________

___________________________________________________________________________________

___________________________________________________________________________________

5. Indicate how much relative weight each Perspective has for this company. Consider a total percentage of 100%

<table>
<thead>
<tr>
<th>Financial Area</th>
<th>This company is concerned with asset and earnings management capabilities (Profitability)</th>
<th>This company seeks new products and services by reaching new customers and markets or increasing current ones (Growth).</th>
<th>This company aims to create shareholder value (Value Creation)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Customer Perspective</th>
<th>This company tries to secure a customer base that contributes to the value of the company (Profitability)</th>
<th>This company aims to achieve high levels of customer satisfaction (Satisfaction).</th>
<th>This company has the ability to captivate new customers or increase the number of current customers (Retention)</th>
<th>This company has the ability to keep current customers (Loyalty)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Internal Perspective</th>
<th>It is recognized that this company exists to ensure processes and not accumulate functions (Process Management)</th>
<th>This company identifies non-value generating activities (Rationalization)</th>
<th>This company ensures high acceptance rates of its products (Quality)</th>
<th>This company can optimize the utilization of the resources on which the results depend (Efficiency and Effectiveness).</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Learning and Growth Perspective</th>
<th>In this company, employees are able to present new ideas (Innovation)</th>
<th>This company guarantees high levels of motivation and commitment (Satisfaction)</th>
<th>This company ensures knowledge levels of employees that enhance their performance (Qualification)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

6. Question for organizations with BSC implemented:

a) What is your opinion about the organizational (non-financial - internal) performance of the last 5 years?

b) Does BSC allow the company to focus on strategic changes defined by managers?

c) Do you perceive that BSC contributes to the previously defined organizational performance?

7. Question for organizations that have not yet implemented BSC

a) Do you think BSC could allow the company to focus on strategic changes previously defined by managers? Why/why not?

b) Do you think that BSC will be a tool capable of enhancing the organizational performance of your company? Why/why not?

Sociodemographic Characterization of the Interviewee

Age: ____________________________

Gender: ____________________________

What level of management are you in?

- Top management
- Intermediate Management
- Operational management

How many years of professional experience do you have in this area?

- ≤5 years
- 5-10 years
- >15 years

Do you have a degree in Management?

- No
- Bachelor
- Master
- Other

References


6. Indicate how much relative weight each Perspective has for this company. Consider a total percentage of 100%.

<table>
<thead>
<tr>
<th>Financial Perspective</th>
<th>Customer Perspective</th>
<th>Internal Perspective</th>
<th>Learning &amp; Growth Perspective</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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   a) What is your opinion about the organizational (non-financial - internal) performance of the last 5 years?
   b) Does BSC allow the company to focus on strategic changes defined by managers?
   c) Do you perceive that BSC contributes to the previously defined organizational performance?

8. Question for organizations that have not yet implemented BSC
   a) Do you think BSC could allow the company to focus on strategic changes previously defined by managers? Why/why not?
   b) Do you think that BSC will be a tool capable of enhancing the organizational performance of your company? Why/why not?

Sociodemographic Characterization of the Interviewee
Age:
Gender:
What level of management are you in?
   Top management
   Intermediate Management
   Operational management
How many years of professional experience do you have in this area?
   ≤5 years
   5-10 years
   >15 years
Do you have a degree in Management
   No
   Bachelor
   Master
   Other

References


Oliveira, Leal and Pinho

Existing Differences Between SMEs That...


