1. INTRODUCTION

The EFQM excellence model involves nine criteria and the relative importance of each criterion is indicated by the criterion weight structure (EFQM, 2005). Research on the weight structure has been limited and this is problematic, regarding the use of the model, because it raises the question of whether or not it makes any sense to compare companies according to an arbitrary weight structure, which has never been empirically tested (Tutuncu & Kucukusta, 2007; Lam et al., 2011). EFQM excellence
model criteria provide a framework for the encouragement and development of many elements of TQM practice in organizations. Some of the elements are the complementary with the Six Sigma (Campatelli et al., 2011), complementarity with organizational commitment (Tutuncu & Kucukusta, 2007), work motivation (Al-Zoubi, 2012) and the resource-based view (Balbastre-Benavent & Canet-Giner, 2011).

Starting from the crucial fact that the service organizations, such as Banks, mainly rely on their employees who maintain relationships with clients and also generate revenue, it can be concluded that satisfaction and loyalty of employees can greatly affect the quality of services of any bank. The results of investigations of application of the elements of TQM practice, or excellence model criteria on business results, or satisfaction and loyalty of employees rarely occur in the literature, although they should present fundamentals for good performance of each bank (Al-Shobaki et al., 2010; Beikzard et al., 2012; Spasojević-Brkić & Putnik, 2013; Marimon et al., 2012). Therefore, in this paper, the focus of the research is directed toward defining the model of impact by implementing the criteria of the EFQM excellence model on the loyalty and satisfaction of the employees working in banks in Serbia.

2. THEORETICAL BASE, HYPOTHESES AND MODEL DEFINITION

The reason for the implementation of the EFQM excellence model criteria in this study is that it presents a framework of self-evaluation, which allows each organization to determinate its strengths, and the areas where further improvements can be made (Chen et al., 2012). Various recommendations can be found in the literature considering using this excellence model criteria to identify and solve management problems (Balbastre-Benavent & Canet-Giner, 2011), while on the other hand, many authors point out some major problems in organizations during the implementation of the EFQM model and with attempts to measure their performances (Lusar et al., 2009; Safari et al., 2012). However, the results which favor the use of this criterion are of significantly higher level compared to the potential problems of implementation of the EFQM model.

2.1. Leadership

Commitment of the top management to the achievement of quality objectives must be clearly visible, permanent and present at all levels of the organization. The tasks of top management are reflected in the promotion of different types of knowledge, encouraging activeness and innovation with employees, which are key factors of the business success (Zelnik et al., 2012). Also, top managers as leaders must present a guiding light in the implementing of the TQM process, which is achieved through the definition of quality objectives and treatment of quality as strategic planning (Soltani et al., 2005; Candido & Santos, 2011). The focus of top managers on employees, material and financial resources as well as development of policy and strategy must be a priority for any organization (Soltani et al., 2005). Lack of support from top management is a critical reason why many institutions haven't had success in implementing TQM (Chang et al., 2010). The role of top managers is to manage all vital processes which are realized in the
company, especially in companies with TQM practice based on the process principle (Chang et al., 2010; Doeleman et al., 2012). These facts led to the defining of the following hypotheses:

$H_1a$ – The manager’s leadership in the discussed banking sector in Serbia has a positive impact on human resources.

$H_1b$ – The manager’s leadership in the discussed banking sector in Serbia has a positive impact on development of the policy and strategy.

$H_1c$ – The manager’s leadership in the discussed banking sector in Serbia has a positive impact on the processes management in the organization.

### 2.2. Policy and strategy

Policy is a method of conducting business or coexistent set of principles which represent a guideline for the execution of business activities of the organization. To achieve defined objectives, organization conducts strategic planning that determines the direction in which the organization needs to move, which allows organizations to direct their primary efforts towards an established goal (Candido & Santos, 2011). In addition, strategic planning provides understanding and managing in the complex business environment and in the high level of uncertainty in the business environment. Developing relationships with clients and suppliers and creating partnerships represents a good practice of successful companies (Ishaq, 2012). Therefore, the following hypotheses can be defined:

$H_2a$ – Policy and strategy have a positive impact on the client relationships.

$H_2b$ – Policy and strategy have a positive impact on the relationship with suppliers.

$H_2c$ – Policy and strategy have a positive impact on the security and society.

### 2.3. Human resource management

According to the criteria of the EFQM excellence model, successful organizations manage, promote and develop the potential of their employees at the individual, team and organizational level (EFQM, 2005).

People are the ones who achieve the occurrence of the quality in the company. The best way to achieve success in the company is continuous work with people, their training and encouragement at all levels (Tari et al., 2007). Assessment and academic models, which are built into the activities related to human resources, have led to this idea, so it can be said that human resources are necessary for the development of TQM practice. Employees need training, thus they will be able to identify and solve problems, improve work methods and take responsibility for the quality (Lam et al., 2012). The training must include human and technical aspects (Omachonu & Ross, 2004). Therefore, the following hypothesis can be proposed:

$H_3$ – Human resource management has a positive impact on the business result.

### 2.4. Relationship with clients

Commitment to the TQM in the company includes cooperation with clients and suppliers by creating a unique supply chain (van Donk & van Der Vaart, 2005) in order to shift trade relations into the partnership relations. Customer satisfaction is the most important element of the functioning of TQM, which led to the development of different models of consumer satisfaction.
Considering that customers (clients) determine the level of quality which is realized in the company, as defined by the ISO 9000 standard (Corbett et al., 2005), following hypothesis can be defined: 

\( H_4 \) – The relationship between the organization and the clients has a positive effect on the business results.

2.5. Relationship with suppliers

Improvement of relations with suppliers improves the process performance of the company, thus improving performances of both customers and suppliers. In this respect, materials purchased from suppliers must meet the customer's specifications and quality standards, which positively affect the applicability of the process and thus the management of quality improvement process. This opinion suggests that procurement management can have a positive influence on the management of the quality improvement process. Based on the above considerations, considering the impact of relationship with suppliers and management of key processes in considered banks in Serbia, the following hypothesis can be defined:

\( H_5 \) – Relationships with suppliers have a positive impact on the business results.

2.6. The attitude towards security and society

Security is a state in which balanced physical, spiritual and physical survival of the individual and the community is assured, in relation to other individuals in the community and nature. Management care for their employees is a strong motivating factor, because it creates security for employees and allows employees to devote their attention to their work, which in some way presents psychological contract between the employees and the management of the company. Sometimes while recognizing social, psychological and other problems of the employees, required changes in the organization of work are required (Sheng-Hsun, 2007). Employee satisfaction with the care and relationship of their supervisors creates psychological security and loyalty to the company (Chen et al., 2012), which is crucial for the development strategy of Human Resource Management (HRM) in the companies, which allows defining the following hypothesis:

\( H_6 \) – Relationships of the organization with the security and society have a positive impact on the business result.

2.7. Process management

The structure of the EFQM excellence model suggests that the process management presents the relationship between other implemented factors of possibilities and results (EFQM, 2005). The process approach of quality management implies the development of a system of continuous quality improvement (Al-Zoubi, 2012), in order to achieve better operating performance and greater employee loyalty (Omachonu & Ross, 2004). This approach allows the proposal of the following hypothesis:

\( H_7 \) – Process management has a positive impact on the business result.

2.8. The business result

The business result of the company is measured by the results realized on the
market. If the financial results are good, meeting the hierarchy of employees needs is achieved to a significant extent, which increases employees satisfaction (Maslow, 1943). Numerous studies show that motivational factors, arising from the needs of the people, change over the time and have certain characteristics at the beginning of the new millennium (Latham & Ernst, 2006; Chen et al., 2012). These facts indicate that the following hypothesis can be defined:

\[ H_8 \text{ – The business result positively effects the satisfaction of employees.} \]

2.9. Satisfaction of employees

In an effort to provide employees with high levels of performance, companies are trying to establish a positive attitude toward job satisfaction and organizational learning. In developing the "knowledge economy", employee satisfaction and loyalty takes a critical position (Marimon et al., 2012). Many empirical studies have shown that employee satisfaction has a positive influence on the organizational capability and loyalty (Mak & Sockel, 2001), and negative influence on the mobility of workers in the form of leavening and switching the firms. These facts enable the definition of the following hypothesis:

\[ H_9 \text{ - Satisfaction of employees positively affects their loyalty.} \]

Based on the theoretical considerations of the basic criteria of the EFQM model of excellence in the field of opportunities and in the field of results, for the studied service companies - Serbian banks, which operate under conditions of a transition economy, a theoretical hypothetical model of the impact of the criteria of the EFQM model of excellence on the satisfaction and loyalty of employees, can be defined (Figure 1).

3. RESEARCH METHODOLOGY

For the research, whose results are presented in this paper, a questionnaire

![Diagram](image)

Figure 1. A conceptual model of the impact of some criteria of EFQM excellence model on the satisfaction and loyalty of employees in the banking sector in Serbia
(Appendix A) survey was used, which was sent to 335 randomly selected bank branches of the 35 subsidiaries of domestic and foreign banks operating in Serbia. Questions in the questionnaire were combined using the results of previous researches (Kaynak, 2003). Total number of questions in the survey amounted to 42, divided into 10 groups. After consultations and visits to bank branches, 678 correctly completed questionnaires from 156 bank branches were obtained, which presents a response of 46.56% of the companies. This level of response is much higher than in other similar studies (Kaynak, 2003), in which the response was less than 20%. Demographic characteristics of the investigated population are shown in Table 1.

Multivariate test of the levels of significance for main effects between groups of variables: workplace, age and years of service was carried out using four multivariate tests: Pillai's Trace, Wilks Lambda, Hotelling's Trace and Roy's Largest Root, which resulted in high values for the level of significance of 0.000 which indicates that there is a difference in responses in relation to the workplace, age, seniority, therefore the results can be considered acceptable (Ho, 2006).

Likert's five-point scale (1 - completely disagree, 2 - disagree, 3 - undecided, 4 - agree and 5 - completely agree) was used for the research whose results are presented in this paper. This methodology has been used in many previous studies (Kaynak, 2003; Tari et al., 2007), which justifies the validity of the methodology.

### 4. RESULTS AND DISCUSSION

Validation of the theoretical model defined in Figure 1 was conducted by using the software packages SPSS v. 18 and LISREL (Linear Structural Relationship) v. 16. For the empirical validation of the hypothetical model, Figure 1, in this paper, the SEM (Structural Equation Modeling) methodology was used. In the statistical analysis of the validation of the defined models, firstly one-dimensionality was

<table>
<thead>
<tr>
<th>Demographic variable</th>
<th>Structure of the sample</th>
<th>Share (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Workplace</strong></td>
<td>Administration</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>Marketing and Development sector</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Providing teller services</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>Management structure</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>18</td>
</tr>
<tr>
<td><strong>Age structure of respondents</strong></td>
<td>Less than 20 years</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>20-30 years</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>30-40 years</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>40-50 years</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>Over 50 years</td>
<td>38</td>
</tr>
<tr>
<td><strong>Years of service</strong></td>
<td>Up to a year</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>3-5 years</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>5-10 years</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>10-20 years</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>Over 20 years</td>
<td>55</td>
</tr>
</tbody>
</table>
confirmed using factor analysis (PCA),
across all 10 groups of latent variables in the
considered model. The values which were
obtained by factor analysis are shown in
Table 2. To ensure the reliability and validity
of the research model a control measurement
model was defined on which confirmatory
factor analysis (CFA) was performed. The
results obtained in Table 2 for CFA show that
in all cases t-values were much greater than
2 with significance level \( p<0.05 \) and \( p<0.01 \),
therefore CFA analysis confirmed the good
fit of the control model, which practically
verifies that 42 defined variables describe, in
a reliable way, the ten latent class variables,
defined in the research model (Figure 1) (Ho,
2006).

Consistency of variables defined in the
framework of latent classes, in the research
model, was measured by the size of
Cronbach's alpha coefficient (Cronbach,
1951). Obtained values of the Crombach's
alpha, were greater than 0.7, for each group
of questions (Table 2), show good
consistency of individual variables within
the 10 defined latent groups of variables of
the tested model. Cronbach’s alpha value for
the whole population is 0.96, so obtained
data can be considered reliable for testing of
the proposed model.

To test the validity of the conceptual
model defined in Figure 1, software package
LISREL v.16 was used for statistical data
analysis by utilizing the Structural Equation
Modeling method, considering that the
statistical reliability of the data for the model
validation is satisfactory.

Firstly, the values of required indicators
were determined, which determine whether
the proposed model adequately fits the input
data. The results of the analyzed fitting
indicators are shown in Table 3.

The obtained values of the considered
indicators of fitting indicate a satisfactory
level of fitting in the proposed model, which
suggests that the regression coefficients of
the characteristic structural paths can be
calculated in the defined theoretical model in
Figure 1, with the satisfactory accuracy.

By using LISREL v.16 the coefficients of
regressions - paths were determined
(correlations between the defined latent class
variables in the model, which is shown in
Figure 1). Results are presented in Figure 2.
The results from the Figure 2 indicate that all
the hypotheses of the defined model have
positive values of path coefficients, except
the hypothesis \( H_6 \), which is characterized by
a correlation coefficient of -0.081 with
statistical significance of \( p = 0.067 \) and \( t = -
1.48 \). Before making a final decision on
acceptance of the model, it is necessary to
determine the t - values of all the hypotheses,
in order to determine the statistical
significance of obtained results. Calculated
t - values are shown in Figure 2 (values in
parentheses).

Obtained results have values which are in
all cases greater than 2 (except the
hypothesis \( H_6 \)) with statistical significance
\( p<0.001 \) to \( p<0.05 \). In this way, the positive
correlation between the defined latent
variables is further confirmed, within the
theoretical model which is defined in the
Figure 1, except in the case of hypothesis \( H_6 \).

Based on these results, it is obvious that the
employees in the banking sector in Serbia
have good working conditions and these are
implied in such a workplace, where there is
no sense of philanthropic responsibility of
banks towards the society. Cooperation
between the banks and the society was
perceived by the bank employees as an
expense rather than an investment, and hence
Table 2. The results of the factor analysis and the CFA analysis of the investigated model

<table>
<thead>
<tr>
<th>Question group</th>
<th>Considered variable</th>
<th>Factor analysis (EFA)</th>
<th>Confirmatory factor analysis (CFA)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>% of variance</td>
<td>Factor loading</td>
</tr>
<tr>
<td></td>
<td></td>
<td>explained by one-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dimensional factor</td>
<td></td>
</tr>
<tr>
<td>Leadership (L)</td>
<td>L1</td>
<td>57.343</td>
<td>0.811</td>
</tr>
<tr>
<td></td>
<td>L2</td>
<td></td>
<td>0.804</td>
</tr>
<tr>
<td></td>
<td>L3</td>
<td></td>
<td>0.815</td>
</tr>
<tr>
<td></td>
<td>L4</td>
<td></td>
<td>0.549</td>
</tr>
<tr>
<td></td>
<td>L5</td>
<td></td>
<td>0.773</td>
</tr>
<tr>
<td>Human resources (HR)</td>
<td>HR1</td>
<td>62.392</td>
<td>0.761</td>
</tr>
<tr>
<td></td>
<td>HR2</td>
<td></td>
<td>0.806</td>
</tr>
<tr>
<td></td>
<td>HR3</td>
<td></td>
<td>0.839</td>
</tr>
<tr>
<td></td>
<td>HR4</td>
<td></td>
<td>0.816</td>
</tr>
<tr>
<td></td>
<td>HR5</td>
<td></td>
<td>0.721</td>
</tr>
<tr>
<td>Policy and Strategy (PS)</td>
<td>PS1</td>
<td>59.937</td>
<td>0.818</td>
</tr>
<tr>
<td></td>
<td>PS2</td>
<td></td>
<td>0.742</td>
</tr>
<tr>
<td></td>
<td>PS3</td>
<td></td>
<td>0.772</td>
</tr>
<tr>
<td></td>
<td>PS4</td>
<td></td>
<td>0.742</td>
</tr>
<tr>
<td></td>
<td>PS5</td>
<td></td>
<td>0.795</td>
</tr>
<tr>
<td>Supplier relationships (SR)</td>
<td>SR1</td>
<td>79.236</td>
<td>0.881</td>
</tr>
<tr>
<td></td>
<td>SR2</td>
<td></td>
<td>0.901</td>
</tr>
<tr>
<td></td>
<td>SR3</td>
<td></td>
<td>0.889</td>
</tr>
<tr>
<td>Process Management (PM)</td>
<td>PM1</td>
<td>68.918</td>
<td>0.859</td>
</tr>
<tr>
<td></td>
<td>PM2</td>
<td></td>
<td>0.904</td>
</tr>
<tr>
<td></td>
<td>PM3</td>
<td></td>
<td>0.844</td>
</tr>
<tr>
<td></td>
<td>PM4</td>
<td></td>
<td>0.700</td>
</tr>
<tr>
<td>Client relationships (CR)</td>
<td>CR1</td>
<td>78.187</td>
<td>0.859</td>
</tr>
<tr>
<td></td>
<td>CR2</td>
<td></td>
<td>0.903</td>
</tr>
<tr>
<td></td>
<td>CR3</td>
<td></td>
<td>0.888</td>
</tr>
<tr>
<td></td>
<td>CR4</td>
<td></td>
<td>0.887</td>
</tr>
<tr>
<td>Security and society (SS)</td>
<td>SS1</td>
<td>73.067</td>
<td>0.894</td>
</tr>
<tr>
<td></td>
<td>SS2</td>
<td></td>
<td>0.869</td>
</tr>
<tr>
<td></td>
<td>SS3</td>
<td></td>
<td>0.798</td>
</tr>
<tr>
<td>Business Results (BR)</td>
<td>BR1</td>
<td>78.677</td>
<td>0.752</td>
</tr>
<tr>
<td></td>
<td>BR2</td>
<td></td>
<td>0.931</td>
</tr>
<tr>
<td></td>
<td>BR3</td>
<td></td>
<td>0.939</td>
</tr>
<tr>
<td></td>
<td>BR4</td>
<td></td>
<td>0.903</td>
</tr>
<tr>
<td></td>
<td>BR5</td>
<td></td>
<td>0.897</td>
</tr>
<tr>
<td>Employee satisfaction (ES)</td>
<td>ES1</td>
<td>61.320</td>
<td>0.523</td>
</tr>
<tr>
<td></td>
<td>ES2</td>
<td></td>
<td>0.844</td>
</tr>
<tr>
<td></td>
<td>ES3</td>
<td></td>
<td>0.858</td>
</tr>
<tr>
<td></td>
<td>ES4</td>
<td></td>
<td>0.855</td>
</tr>
<tr>
<td>Employee loyalty (ES)</td>
<td>ES1</td>
<td>66.674</td>
<td>0.879</td>
</tr>
<tr>
<td></td>
<td>ES2</td>
<td></td>
<td>0.817</td>
</tr>
<tr>
<td></td>
<td>ES3</td>
<td></td>
<td>0.912</td>
</tr>
<tr>
<td></td>
<td>ES4</td>
<td></td>
<td>0.826</td>
</tr>
</tbody>
</table>

Note: * significance level of p < 0.05; ** significance level of p < 0.01
their attitude that safety and cooperation with society negatively influences the increase in business results. These results prove general hypotheses of this study and show that the criteria of the EFQM excellence model have positive implications on the satisfaction and loyalty of employees in the banking sector in Serbia.

The results of the obtained structural model are shown in Figure 2. Due to the clarity, only the values of path coefficients with significance levels and t-values and the coefficients of determination R² are shown. Presented results show that leadership has a positive influence on policy and strategy (b=0.99, t=12.66, p<0.001), development of the human resources (b=0.82, t=10.94, p<0.001) and on the process management (b=0.75, t=11.89, p<0.001). The policy and strategy predictor positively affects client relationships (b=0.69, t=8.99, p<0.01), the relationship with suppliers (b=0.72, t=9.21, p<0.01) and the safety and society (b=0.69, t=9.17, p<0.01). The business result is positively affected by the human resources (b=0.50, t=13.40, p<0.01), process management (b=0.62, t=3.8, p<0.01), client relationships (b=0.67, t=9.00, p<0.01) relationships with suppliers (b=0.59, t=9.23, p<0.01), while the security and society does not have a positive impact as well as statistical significance (b=−0.08, t=−1.22, no statistical significance). Business result positively affects employee satisfaction (b=0.58, t=4.61, p<0.001). The employee satisfaction has a positive impact on the employee loyalty (b=0.48, t=4.38, p<0.001). The results of the structural analysis indicate the strength of prediction for most variables in the model. The mean value of described variances of the included latent variables in the model is 55.91%, which can be considered, compared to the results of similar studies, as very satisfactory results (Tari et al., 2007; Molina et al., 2007; Al-Shobaki et al., 2010).

In the defined structural model the first level of influence is expressed through the influence of leadership, defined by a hypothesis H1a, H1b and H1c, on dependent predictors and has nearly the same level of impact (b-values: 0.82, 0.99, 0.75, respectively). In the second level of the defined model the influence of the policy and strategy on the dependent predictors is defined by hypotheses H2a, H2b and H2c and has nearly the same level of correlation (b-values: 0.69, 0.72, 0.69, respectively). The third level of influence is defined in the model through the impact of predictors on the business result through hypotheses, H3,

Table 3. Summaries fitting indicators values of the conceptual structural model

<table>
<thead>
<tr>
<th>Indicators of the fitting statistics</th>
<th>Obtained values in the model</th>
<th>Recommended values</th>
</tr>
</thead>
<tbody>
<tr>
<td>X²/d.f.</td>
<td>1683.63/806 = 2.08</td>
<td>&lt; 3.0</td>
</tr>
<tr>
<td>RMSEA</td>
<td>0.097</td>
<td>0.08 – 1.0</td>
</tr>
<tr>
<td>GFI</td>
<td>0.66</td>
<td>&gt; 0.9</td>
</tr>
<tr>
<td>AGFI</td>
<td>0.62</td>
<td>&gt; 0.9</td>
</tr>
<tr>
<td>NFI</td>
<td>0.91</td>
<td>&gt; 0.9</td>
</tr>
<tr>
<td>NNFI</td>
<td>0.93</td>
<td>&gt; 0.9</td>
</tr>
<tr>
<td>CFI</td>
<td>0.94</td>
<td>&gt; 0.9</td>
</tr>
<tr>
<td>IFI</td>
<td>0.94</td>
<td>&gt; 0.9</td>
</tr>
<tr>
<td>RFI</td>
<td>0.91</td>
<td>&gt; 0.9</td>
</tr>
</tbody>
</table>
H₄, H₅, H₆ and H₇, and also has approximately the same level of correlation (b - values: 0.50, 0.67, 0.59, -0.08, 0.62, respectively). In the defined model the hypothesis H₆ is not confirmed (b= –0.08, t= –1.22, not statistically significant). In the fourth level of the model the business result has the same level of strength of the relationship with the satisfaction of employees H₈ (b=0.58) as the employees satisfaction on their loyalty H₉ (b=0.48). The mean value of the correlation in the first level of the model has a value of 0.85, 0.70 in the second level, 0.59 in the third level and 0.49 in the fourth level. The results indicate that through the defined model the strength of the correlation weakens in the direction of the defined hypotheses.

5. CONCLUSION

Relationship of the EFQM excellence model criteria with the satisfaction and loyalty of employees in the banking sector in Serbia was investigated in this paper. Defined structural model shows that all the criteria that define the EFQM excellence model have a positive impact on satisfaction and employee loyalty. The leadership has a dominant influence, which directs almost all activities in the banking sector in Serbia. Working conditions in the banks are above average because they implemented working standards from the central banks in countries with developed economies. On the other hand, due to underdeveloped corporate social responsibility of these banks, their employees do not experience positively the cooperation of their banks with the community. Therefore, the security and society is not perceived by employees as a stimulus to business results.

The authors of this paper do believe that in the future it will be important to investigate the structural characteristics of the implementation of the EFQM excellence model and TQM practices in the relationship
of the banking sector with the business sector and citizens, under the conditions of the transitional economy. The main objective is to find the dominant parameters influencing the stability of banks operations in order to create the necessary preconditions for initiating the need for the development of the motivational factors of higher hierarchical level than the existing.

On the other hand, underdeveloped corporate social responsibility of the banking system, in the conditions of transition economy, can be improved by developing teamwork and motivational factors of the higher level within the employees. This research should improve understanding of these issues and to initiate necessary changes.

References


Marimon, F., Yaya, L.H.P., & Casadesus Fa, M. (2012). Impact of e-Quality and


APPENDIX A: QUESTIONNAIRE

1. Leadership
   1. Top-level managers of the Bank take responsibility for the quality
   2. Bank management personally takes the lead in providing and improving the quality
   3. Top management of our Bank encourages employees in performing their tasks
   4. Managers allow employees to make independent decisions
   5. Managers actively refer employees to obligations towards quality

2. Policy and Strategy
   1. Develop and implementation of the strategies and plans is based on customer requirements and capabilities of the bank
   2. The management sets objectives for all employees
   3. Evaluation of results is done by comparing results with plans with the aim to improve them
   4. Management involves employees in setting of objectives and plans
   5. Management transfers strategy and objectives to all staff

3. Human Resources
   1. Management is trained in quality principles
   2. Employees are trained in quality principles
   3. Employees are trained in teamwork
   4. The employees recognize the value of performance in order to support quality programs
   5. Communication among all employees is moving from the bottom up, top-down and horizontally

4. Managing the Process
   1. This Bank is implementing continuous control and improvement of key processes
   2. Prevention of deficiencies in products/services is a common practice in this Bank
   3. The processes used in this Bank include the measurement of quality
   4. Employees are involved in the evaluation of knowledge in the various processes which are implemented in the Bank
5. Relationships with clients
1. This Bank analyzes the information obtained from clients to measure their satisfaction 1 2 3 4 5
2. Customer satisfaction shows visible improvement 1 2 3 4 5
3. Our clients receive quality feedback through improved performance 1 2 3 4 5
4. The company applies the process of listening to and resolving customer complaints 1 2 3 4 5

6. Relationships with suppliers
1. We strive to establish long term relationships with suppliers 1 2 3 4 5
2. Our suppliers are actively involved in new product development process 1 2 3 4 5
3. Quality is the primary criterion in selecting suppliers 1 2 3 4 5

7. Security and Society
1. Regulations were developed in order to reduce and prevent health and safety risks of the bank 1 2 3 4 5
2. In this Bank regulations were developed for the protection of the environment 1 2 3 4 5
3. This Bank takes a sufficiently active role in community development 1 2 3 4 5

8. Business Results
1. Our financial results are remarkable 1 2 3 4 5
2. Our quality program increases our revenues 1 2 3 4 5
3. Our quality program increases our sales 1 2 3 4 5
4. Our quality program improves our competitive position 1 2 3 4 5
5. Our quality program generally improves our performance 1 2 3 4 5

9. Satisfaction of employees
1. I feel personal satisfaction when I do a good job 1 2 3 4 5
2. I am proud to tell people that I am a part of this Bank 1 2 3 4 5
3. For me this is the best organization where I have worked. 1 2 3 4 5
4. I would recommend this bank to friends if they are looking for a job. 1 2 3 4 5
10. **Loyalty of employees**

1. I am prepared to invest considerable effort in order to contribute to the success of the Bank
2. I plan to build a career in this Bank
3. I care about the fate of this Bank
4. I am loyal to the Bank in a large extent.

To express an opinion of a complete disagreement circle 1, partial disagreement 2, neutral 3, partial agreement 4 and complete agreement 5.