European funds managed by IT
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Abstract: Currently, the data management process combines resources from many areas. Information and Communication Technology manages the result of resource processing and helps develop a data set. Effective data management minimizes the risk of errors. The errors may be the result of involuntary data omission. The efficient centralization of large data is achieved through the computer assisted and knowledge management. Software programs are created according to the needs of the user. The user centralizes, stores, selects, or processes the data efficiently in order to get quick answers to any questions. European funds have raised a number of questions based on numerous information. Managing the necessary data in order to get European funds can be done with the help of IT Management. IT users need to combine resources properly to link the interlocutor's question to the respondent.

In Romania there are a number of anomalies in the computerized data management process. Current computer software users claim that they are deficient and improvements are needed. User-generated anomalies must be a new resource base for processing by IT technologies for managing European funds. With the help of this exploratory research, we have outlined a level of satisfaction with the users of the computer programs created in order to manage the European funds.

Keywords: Computer Assisted, Information and Communication Technology, Information Systems, IT Management, Knowledge Management, Research

JEL classification: M15, O33

Introduction

Currently, European funds are managed with the help of technology. The creation of software applications designed to centralize and manage data is necessary, especially when the data volume is large. People who want to develop a business with European funds write drafts that they give for approval with the specially created MySMIS application. Those who accessed and used the application are not very pleased and believe that it needs improvements especially on the data processing and data collection side. European funds have a high degree of access and with the help of improved IT programs the processing of information will be achieved more quickly and efficiently.
1. Literature review

This paper aims to investigate the decision-making environment and IT systems for decision-making, intelligent systems and technologies, and also how to use these technologies to improve decision-making in accessing European funds.

Under the current economic and social conditions, making the right decisions has become a difficult task. Due to the increase in the amount of data and the difficulty of managing and processing it, the decision-making process is no longer considered an exclusively human activity.

Information and communication technologies support decision-making through the computerization of decision-making and the emergence of new information and decision-support systems. Decision support systems have a role to play in supporting the manager in addressing the complex environment and the situation on which a decision is to be taken.

An important step in accepting these systems, implicit in their development over time, was the understanding and acceptance of the idea that these tools are not intended to replace the decision-maker, but to support and assist it.

Under the conditions of developing the knowledge society and knowledge-based organizations, the complexity of managerial problems has increased, and decision-support IT systems have begun to be made using solutions based on artificial intelligence technologies. The goal of approaching intelligent technologies in delivering decision support systems was to use human reasoning both to lead to solutions for complex decision-making issues and to increase knowledge within the organization, enhancing the quality of the managerial process.

A well-developed IT infrastructure, along with IT systems, is an indisputable support for decision makers who face a multitude of issues. This informational society in which we live is deeply influenced by the development of information and communication technologies, which causes a substantial change in the information process, a process centered around the notion of information, and which determines the structural and functional definition of the information system.

New information technologies have positively influenced all areas of activity by making decisions. Decision-making tasks are becoming more and more difficult to accomplish without the human decision-maker being assisted by computer tools, known as decision-support IT systems. The main storage medium for European funds is MySMIS. Through this information system, potential beneficiaries in Romania will be able to request European money for the 2014-2020 programming period.

The application is unique and looks the same for all operational programs. The link is made to each guide individually and the completion instructions will also be customized. The operational programs managed by MySMIS for the 2014-2020 programming period are in the figure below.
When accessing MySMIS2014 Front-office first step is creating a user account. The information must be real and compliant with the identity document (for Romanian citizens/residents) as the data entered with the MAI database is verified. All required fields must be filled in. After completing all registration steps, an account activation email is sent to the email you filled in the registration. The link is active for 30 minutes. Login to the user account can be done in two ways: email or user name generated by the system and received by the user with the activation link. Password recovery for account based on email and verification on, serial act id.

After the account has been entered, there are several options: Enrollment request for a project (Creation of legal entities, Choice of a legal entity already created to which the user has already been enrolled, Change of account password, Modification of profile data, Electronic identification of the user), Create Legal Entity Account/Authentication (Downloading the digital signature registration form, Digital Signature of the downloaded document, Uploading the electronically signed document), after the electronic identification has been accomplished, the legal entity can be created by completing the required data and downloading and electronic signing of the related declarations for the legal/empowered representative for that entity.

Once the legal entity has been created, users can enroll and associations of legal entities can be created at the level of projects in that entity's portfolio.

Following the creation of the legal entity, user enrollment can create projects in a system that can associate legal entities, also based on an association code requested by the entity that created the project. The flow is the same as the request/acceptance enrollment.
order to enroll, in a legal entity to create and edit projects for that legal person, it is necessary to know the enrollment code obtained from the legal entity where the enrollment is sought. After the enrollment request, the entity's acceptance must be received. Once received, you can create and edit projects for that legal entity. Creating projects in the system involves defining a title and choosing the call on which the project will be submitted. The user enrolled in a legal entity will be able to see and choose from all the projects created on that legal entity. The system allows attaching documents, provided that for that step, it was allowed to attach documents to the definition of the Back-office call.

After completing and completing all the steps you will be able to generate the request for funding in the requested structure and with the data entered. This document will be electronically signed by the personally identified personally as legal/empowered representative for that legal entity. Only the person who is the legal/empowered representative of the entity may submit the application for funding.

Also through MySMIS are submitting projects and for the small companies that want to attract European money from the Regional Operational Program, managed by the Ministry of Development, as well as companies that access European funds for information and research technology projects within the Competitiveness Operational Program managed by the Ministry of European Funds.

2. Results and discussions

The research involves identifying the degree of satisfaction of those using the MySmis application to request European funds. The application is a platform that helps transmit and centralize data more easily.

1. What are the sources of information about the MySMIS application?

![Figure: 2 The sources of information about the MySMIS application](image)

Source2: The author's own design

18% of respondents say they have been informed about how to access European funds on the internet and 16% through the Ministry of European Funds. About 5% of the media, family and friends, and 3% other sources such as courses organized specifically for people wishing to qualify as a "European funds access specialist" and "project manager".

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2. How long have you been using MySMIS?

Respondents interested in accessing European funds claim that 67% know the MySMIS application from the time it was tested for the first, and about two or one year after, respectively 16% and 17%.

The percentage of 67% shows the entrepreneurs’ availability to attract European funds is quite large and they are open to developing their businesses.

3. What do you think are the strengths of MySMIS application?

Respondents say they are pleased with 20% of the application because it manages all of the operational programs and 10% has its components and application guides.

4. What do you think are the weaknesses of the MySMIS application?
Respondents support between 15% and 20% of the data loading and processing of the application, such as: Loading the elements of the CV row in a row 15%, Charging each item of expenditure in the budget as well as related supporting documents 20%, Registration of new legal entities in the application 15%.

5. How content are you with MySMIS?

20% of respondents are satisfied with how the application works and only 5% are dissatisfied.
6. What is the operating program you are using?

Figure: 8 Need to improve the program
Source: 8 The author’s own design

8% respondents applied for PNDR and POCU programs, 7% for POR and POAD, 6% POAT, 5% POIM and POC and 4% POCA.

7. Do you think this program needs improvement?

Respondents consider 33% that the application needs improvement, and 17% are unnecessary.

Conclusions

For the 2014-2020 programming period, art. 122 (3) of Regulation (EU) No. 1303/2013 creates an obligation for Member States to ensure the electronic exchange of data between beneficiaries and the management and control system structures, allowing beneficiaries to submit all the necessary information in one submission. To meet these obligations, Romania is developing the integrated MySMIS2014 computer system.

MySMIS2014 was launched on March 28, 2016. Currently, the Call Definitions module (dedicated to AMI), Application for funding (dedicated to grant applicants), Project Evaluation and Selection (for MAs and applicants), Contracting (for MAs and applicants), respectively Acquisitions (for grant applicants).
The European Union funds Member States through its Multi-annual Financial Framework (MFF). The current MFF runs from 2014 to 2020 and involves a maximum spend across Europe of €960 billion (or £812 billion, at September 2016 exchange rates). The MFF is now a fairly complex piece of financial machinery, developed over a number of years, to try and take account of different needs of Members of the EU.

The Structural Funds are intended to promote smart, sustainable and inclusive growth, increasing economic activity and employment across the EU. The Structural Funds are composed of two similar sized funds: the European Regional Development Fund (ERDF) and the European Social Fund (ESF). In Scotland, funding is split between two Programme areas: Highlands and Islands (accounting for around 20% of total funding), and Lowland and Uplands Scotland (essentially the rest of Scotland).

Structural funds flow into the complex landscape of economic development. It is not a straightforward task to track the ultimate recipients of the funding. However, data is available on the funding provided to Delivery Agents. Delivery Agents are often the organisations taking the lead on behalf of a group of partners. They will usually spend and claim a significant proportion of the structural funds directly, but may also distribute some of the funding to other partners.

A new approach is needed to develop decision support systems, highlighting new ways to implement decision algorithms through a system that has been implemented in accordance with advanced engineering programming principles. MySMIS storage should be improved to allow applicants to complete the Human Resources section by uploading a PDF resume to upload a single job post for similar items in the Human Resources section and to supplement your budget in offline format and upload the post in the system. Trends imposed by the current level of software technologies allow implementation decision-support systems using the latest technologies.

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