

# A Field Study Project For Determining The Performance Of The Civil And Government Institutions: Malatya Example

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**Abstract—Innovation and productivity in the rapidly developing world of survival has been the prerequisite. Search, and create new things in the human nature of the interest has become an indispensable business strategy to remain the market. These days the basic elements of the enlargement of staying in the market and the market takes place between businesses and reflects differences in the new product. Innovation and productivity are encountered as new projects. Creation of new projects in business is directly related to the existence of such a mechanism. Patients were questioned producing projects and new projects to look and attitude of the employees with the data obtained from the survey and interpreted.**

**Keywords—Innovation, Productivity, Project Management, Detection Project**

## I. THEORETICAL FRAMEWORK

The project, carried out in the authenticity of the results of a targeted and of limited duration and are not all attempts again. Overall, the objectives defined and implemented to realize the vision of the organization is exerting a certain source and duration depends on the time schedule (11). Different or unique product, with the aim of creating services or systems that are measurable objectives for achieving this goal, which is a specific start and end point and limited resources require the use of projects are temporarily operating on the whole have been organized(12).Project a particular start, team and the activities of its own working directory of the budget. Project management, present opportunities to benefit from the decision to provide the best space to achieve the objectives set out in a management function, can be expressed(6)(7).Project management is the sum of the works and actions undertaken towards achieving a goal. Project management, all

management functions, including management in the forefront of the new design of the system (planning, organization, management and control) to understand. Project management, receipt of all necessary measures to resolve the problems that the system designs and implementation of the process(7).

Inputs used in the production of goods and services, types and amount of increases in an exponential manner and with a quality cross-disciplinary project now aims to achieve this "mega" projects are taking shape. All of these desired goods and services on a regular basis the activities of the organization to produce, requires coordination and assistance. In addition, competition growing among enterprises, said not only in terms of performance of the projects, time and requires an assessment in terms of cost factors in this case is insufficient to produce business only services of these goods and services is an important factor of production with less time and more cost-effectively than the competition. All these factors increase the importance of project management(7).

In general, the benefits to the organization of project management can be grouped under the following headings(3).

- The financial, physical and more effective control of human resources,
- Develop customer relationships,
- Shorter development processes,
- Lower costs,
- Higher quality and reliability,
- Higher profit margin,
- Effective internal coordination,
- raising the morale of the employees,

Overall business management and special considering the developments in our country in recent years as "project management" (project management) under the name, is developing a new work area

with its own characteristics(4). This new field of "project" works collected under the name of and as the basis of business management, finance, human relations, psychology, and benefit from disciplines such as diplomacy(5).

Project management techniques in recent years have become increasingly clear that more attention is attracted by and widespread(11). In this regard, the study published in the plurality of packets of developed and presented training programs support this judgment. This interest to project management techniques that increase is also in parallel with economic and technological circumstances of our world. Lately carried out in every field and in every context, projects are becoming increasingly complex and difficult from a technical point pleasures. Those requirements with project management techniques can be largely met.

Project management, project time, cost and adhering to constraints related to the specifications, the time to complete a systematic and cost-effectively, the material is to manage the manpower and costs.

The project control; when the project is that in terms of cost and quality of realization in the desired direction. In terms of the techniques applied GANTT, CPM and PERT analysis can be considered(8).

This study explored the attitudes and perceptions of the past four years have been evaluated against project performance.

## II. RESEARCH AIMS AND SCOPE

The purpose of Malatya private non-governmental organizations and the last four years of the project is to determine the productivity of public institutions through a survey. In the study, the scope of the survey is to focus on the loss or waste of resources of the participants in the project, the financial size of these losses will be addressed.

### A. RESEARCH METHODOLOGY

Research survey method was used. developed a questionnaire to collect data and information on research, demographics, perceptions and attitudes towards the project and in order to remove a number of proposals to be taken it consists of 22 questions. Forming a measurement value;

1. Strongly Disagree, 2 do not Disagree, 3. Don't Sure 4. Agree, 5. Strongly Agree. The data were collected to examine the entire main body, it leads to the disadvantages in terms of time and cost, it has been adopted by way of example. According to fifty employees, including 35 of the 73 non-governmental organizations and the business of private and public institutions have been obtained by applying the survey with simple random sampling method.

### B. RESEARCH ASSUMPTIONS

1. Collection of reliable survey instrument used in the technique and it is assumed that there is a valid technique.
2. It is assumed that the answers of Business are valid and reliable.
3. A total of 108 businesses of all Malatya private non-governmental organizations and non-governmental organizations are assumed to represent private and public institutions.
4. Without access to the survey results reached in the project business of the annual production value will be reviewed over the values of the past four years.
5. Research on the statement given by the respondents in the framework of the project sufficient to business productivity, moderately fertile, well-grade productive and prolific as they are very good level will be reviewed.
6. In addition to the productivity of the business lost as resources and will focus on the financial aspects.
7. Productivity calculating the "2" of less than 1 response to the project "is assumed to correspond.

### C. RESEARCH FINDINGS

#### 1. DEMOGRAPHIC AND PRODUCTIVITY WITH RESPECT RESULTS

The survey was administered to 73 private and 35 public institutions & civil society organizations. The names of the surveyed private and public institutions reserved. The findings obtained by questionnaire was prepared as follows. the person who filled out the survey company / position in the organization is given in table 1.

**Table 1.** The person who filled out the survey company / position in the organization

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Freq uenc y	%	Frequenc y	%	Freq uenc y	%
Manager	29	39,7	16	45,7	45	41,6
Asst. Manager	13	17,8	6	17,3	19	17,5
Project manager	3	4	3	8,5	6	5,5
Manufacturin g engineer	3	4	-	-	3	2,7
Person in charge	25	34,5	10	28,5	35	32,7
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

Surveyed enterprises / institutions When the distribution of those who complete the survey: principal with 39.7% in the private sector, the person responsible for 34.5%, principal with 17.8% Asst were obtained which are filled by the project manager and production engineer with 4%. In the public sector: 45.7% with the manager, the person responsible for 28.5%, 17.3% Asst manager, it was stated that complete the survey project manager with 8.5%. The survey manager with the person responsible for filling rate, in general, seems to have reached 80%. Surveyed enterprise / organization's activities were obtained as follows in Table 2.

**Table 2.** Surveyed enterprise / organization's activities areas

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Freq uenc y	%	Frequenc y	%	Freq uenc y	%
Education	28	38,6	14	40	42	38,8
Health	3	4	2	5,8	5	4,8
Trade	32	43,8	5	14,2	37	34,2
Agriculture	4	5,4	4	11,5	8	7,4
Other Sectors	6	8,2	10	28,5	16	14,8
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

Surveyed business / corporate activity areas in the private sector: 43.2% in trade, 38.6% education, 5.4% in agriculture, has created other health sector with 6% and 4%. In the public sector: education and 40%, other sectors 28.5%, 14.2% in trade, 11.5% in agriculture, 5.8% in health formed. Commerce in the private sector, it is noteworthy that they trained in first place in the public sector. Overall in most of the survey respondent's education and trade it corresponds to approximately 80%. In your company / your institution Project Management Unit Is There? is given in table 3.

**Table 3.** In your company / your institution Project Management Unit Is There?

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequenc y	%	Frequenc y	%	Freq uenc y	%
Yes	51	69,8	26	74,2	77	71,3
No	22	30,2	9	25,8	31	28,7
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

While 69.8% are project management unit in the private sector surveyed stated that there is 30.2%. In the public sector it was 74.2% are project management, it stated that there is 25.8%. Private and public sector project management unit that is understood at a high rate. Overall in most of the respondents are in 77% of the project management unit, it is understood to be in 31'n%. Businesses in your / your institution Project Management Employees Is There is presented in table 4 does.

**Table 4.** Businesses in your / your institution Project Management Employees Is There

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequenc y	%	Frequenc y	%	Freq uenc y	%
Yes	44	60,2	26	74,2	70	64,8
No	29	39,8	9	25,8	38	35,2
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

Surveyed businesses / organizations working in the private sector Looking at the elements of the project management unit; 60.2% running, is running 39.8%. In the public sector; 74.2% of the apples running, is running 25.8%. elements of the project management unit of a part of the business stated that they do not have a private sector project management is noteworthy. Overall in most countries, there are elements in the 70% of respondents, there is no element of 30%. Your business / organization's projects Is there a tradition of producing are given in Table 5.

**Table 5:** Your business / organization's projects Is there a tradition of producing

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequenc y	%	Frequenc y	%	Freq uenc y	%
Yes	54	73,9	22	62,8	76	70,3
No	19	26,1	13	37,2	32	29,7
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

When the project producing tradition of the respondents in the private sector; In the tradition of 73.9% is producing the project, stated that in 26.1%. In the public sector, 62.8% of the project is producing

tradition, stated that although the 37.2%. It is noteworthy that although the project is to produce a number of institutions in the public sector unit of the project. When general, the projects that the tradition of producing 70.3% and 29.7% that they represent. Do you have a mechanism that continues to the present from the past to create the project is given in table 6.

**Table 6:** Do you have a mechanism that continues to the present from the past to create the project

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
Yes	55	75,3	23	65,7	78	72,2
No	28	24,7	12	24,3	22	27,8
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

The private sector participated in the survey; While 75.3% stated that they have a mechanism, it stated that the 24,7%. the public sector; It was 65.7% and 24.3% stated that. It is noteworthy that in both sections of the project generating mechanism. When general terms, 72% stated that there is a mechanism that is 27.2%. Your business / organization how do you work your project is presented in Table 7.

**Table 7:** Your business / organization How do you work your project

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
Positive	71	97,2	29	82	100	92,5
Negative	2	2,8	6	18	8	7,5
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

Private sector projects in the perspective of the respondents; The 97.2% positive, while another 2.8% I also find negative. In the public sector, 82% positive, while another 18% are positive finding. Both private and it is seen that both the largely positive attitude of public sector projects. When general terms, while 92.5% are found positive, have stated that they find positive 7.5%. What is your project area this year is given in Table 8.

**Table 8:** What is your project area this year

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
Bap Project	-	-	8	20,5	8	5,9
TUBITAK	-	-	5	13,8	5	3,7
Projects supported by the European Union that	17	17	6	15,3	23	16,7
R & D Projects	11	11	4	10,2	15	10,7
Innovation (Innovation)	19	19	3	7	22	15,8
New Projects	14	14	4	10,2	18	12,9
Process Projects	10	10	-	-	10	7,1
Projects created for Patents	19	19	-	-	19	13,6
Request created with the Ministry Projects	-	-	9	23	9	6,4
Sponsors served by being Completed Projects	10	10	-	-	10	7,2
<b>Total</b>	<b>100</b>	<b>100</b>	<b>39</b>	<b>100</b>	<b>139</b>	<b>100,0</b>

In the private sector participated in the survey with 19% of innovation projects and patents, the European Union project with 17%, 11% and production process R & D projects with 10% of projects and sponsorship projects to come. In the public sector; Created with the ministry requests by 23% projects, with 20.5% of BAP projects, the European Union funded projects by 15.3%, with 13.5% of funded research projects, R & D and new product projects come with 10.2%. While patents and innovation in the forefront of private sector projects, the ministry made channels in the public sector projects have come to the fore. When general, the projects started this year with their projects of innovation in the European Union (Invasion) It is noteworthy that project. This Number of Projects What is the year you started is given in Table 9.

**Table 9:** This Number of Projects What is the year you started?

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
Number of Projects						
less than 2	39	79	15	44,4	54	65
3 units	10	21	6	17,6	16	19,4
4 units	-	-	2	5,8	2	2,4
5 units	-	-	2	5,8	2	2,4
6 pieces	-	-	-	-	-	-
7 and above	-	-	9	26,4	9	10,8
<b>Total</b>	<b>49</b>	<b>100</b>	<b>34</b>	<b>100</b>	<b>83</b>	<b>100,0</b>
Productivity Project Criterion	PPC=69 <sup>1</sup> /73=0,94 insufficient		PPC=114/35=3,25 Well		PPC=183/108=1,69 Middle	

<sup>1</sup> Productivity Project Criteria = Total Number of Project / Business Number = Number of Projects Total = Number of projects \* Frequency= (1 \* 39) + (3 \* 10) = 69; PPC = 69/73 = 0.94

The private sector is less than 79% of surveyed 2, while 21% stated that they had started many projects, including three this year. the public sector; 44.4% with less than 2, 7 and above 26.4%, 17.6% and 5.8% stated that the 3 units 4 and 5 have started the project. Both parts are also substantially form a second substantially from creating small projects. When general terms, it is noteworthy to create with less than 65% 2. Given the project's private sector civil productivity can be said that insufficient productivity with a 0.94 average. When we look at the public good it can be said from a productivity average grade 3.25. Generally it is seen that a moderate productivity. The number of projects completed in the last four years and productivity conditions are given in Table 10.

**Table 10:** What is the Number of Projects Completed Last Four Years?

Number of Projects	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequen cy	%	Frequen cy	%	Frequen cy	%
less than 2	29	49,2	6	19,3	35	38,8
3 units	16	27,2	5	16,2	21	23,3
4 units	9	15,2	3	9,6	12	13,3
5 units	5	8,4	4	12,9	9	10
6 pieces	-		10	32,4	10	11,1
7 and above	-		3	9,6	3	3,5
Total	59	100	31	100	90	100,0
PRODUCTIVITY PROJECT CRITERION	PPC=138/73=1,89 insufficiently/ THE NEAR APPEAR		PPC=134/35=3,82 WELL		PPC=/108=2,51 MIDDLE	

The private sector surveyed, 49.2% with less than 2, 3 units with 27.2%, 15.2% with 4 and 5 with 8.4% stated that they finish one project. the public sector; 32.4% with 6 units, 19.3% less than with 2, 3 units with 16.2%, 12.9% and 9.6% with 5 and 7 and later stated that they finish the project. If, in general, it is understood that most of less than 2 projects completed. When the project as a measure of productivity; It is observed that private civilian sector of the last four years or inadequate evaluation revealed a close degree. The public sector has reached a good level of productivity value. There may be mentioned, in general, if a moderate productivity. The numbers of projects you cannot complete the last four years are given in Table 11.

**Table 11:** The numbers of projects you cannot complete the last four years

Number of Projects	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
less than 2	54	76	19	63,3	73	74,4
3 units	7	9,8	10	33,3	17	17,3
4 units	2	2,8	1	1,6	3	3,3
5 units	1	1,4	-	-	1	1
6 pieces	4	5,6	-	-	4	4
Total	73	100	35	100	98	100,0

The private sector surveyed 76 with less than 2%, 3 units with 9.8%, 5.6% and 6 units, 4.4 to 7% and above, 4-2.8%, 1.4% 5 they could not finish one project. the public sector; 63.3% with less than 2, 3 units with 33.3% and they could not finish the project with 4 units of 1.6%. If, in general, 74%. 4 and it is seen that the least number of projects 2. Overall in most of the past four years the number of projects cannot be completed; 102 private civil, public projects is 53.. This represents a significant figure in business and public level. The estimated budget value of your project that you finish the last four years is given in table 12.

**Table 12:** The estimated budget value of your project that you finish the last four years

Project Budget	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequenc y	%	Frequenc y	%	Frequenc y	%
less than 100000	21	29,2	5	15,6	26	25
£ 150000	8	11,2	1	3,1	9	8,6
£ 200000	5	6,9	3	9,3	8	7,6
£ 250000	7	9,7	1	3,1	8	7,6
£ 500000	15	20,8	5	15,6	20	19,5
Over 1000000	16	22,2	17	53,3	33	31,7
Total	73	100	35	100	104	100,0

The budget value of the finished project, private sector participated in the survey; 29.2% with less than 100,000, and over £ 1 million with 22.2%, 20.8% and £ 500,000, £ 150,000 with 11.2%, 9.7% and £ 250,000, 6.9% with 200000 they stated that they were spending their per project. the public sector; 100000 TL and over with 53.3%, from 15.6% to £ 500000 and £ 100000 to 150000 and less than 3.1% stated that they did not spend £ 250000. Major projects in the public sector, the private sector, we see that the

transfer of small-budget projects to life. Overall in most countries with 31.7% of the project budget of over one million and we see that as the highest fulfillment. The estimated budget value of your project that you cannot finish the last four years is given in Table 13.

**Table 13:** The estimated budget value of your project that you cannot finish the last four years

Project Budget	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
less than 100000	27	45	21	65,6	48	52,1
£ 150000	4	6,6	5	15,6	9	9,7
£ 200000	4	6,6	2	6,3	6	6,9
£ 250000	10	16,8	-	-	10	10,8
£ 500000	9	15	-	-	9	9,7
Over 1000000	6	10	4	12,5	10	10,8
<b>Total</b>	<b>60</b>	<b>100</b>	<b>32</b>	<b>100,0</b>	<b>92</b>	<b>100,0</b>

With 45% of the private companies surveyed less than 100,000 TL, 16.8% with 250,000 TL 15% to 500,000 TL 1,000,000 TL and above 10%, it is understood they could not perform 6.6% to 150,000 and TL 200,000 per estimated cost of the projects. When the public sector, with 65% less than £ 100,000, £ 150,000 with 15.6%, 12.5% and 6.3% and above the £ 1 million to £ 200,000 cost has thus failed to implementation of the budget. Special attention and cannot perform most small-budget projects, the public sector has attracted. Private sector have begun to operate with more projects, but they are not considered important enough to them to be completed. It is seen that, in general, with a maximum of 52.1% of the project cannot be less than 100000 instead of budgeted projects.

## 2. PERCEPTIONS REGARDING THE PROJECT MANAGEMENT

In this section, attitudes about the project and management of private and public sectors has been tried requirement determined. According to Likert scale in question; 1) strongly disagree, 2) Disagree, 3) No Idea 4) Agree, 5) Completely agree achievement of project management; time, quality, cost and success of risk management, the degree is given in table 14.

**Table 14:** Success of Project Management; Time, Quality, Cost and Risk Management is the success of

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
<b>Strongly Disagree</b>	2	2,7	1	2,8	3	2,7
<b>Disagree</b>	1	1,3	2	5,7	3	2,7
<b>No idea</b>	5	6,8	-	-	5	4,6
<b>Agree</b>	37	50,6	21	60	58	53,7
<b>Totally agree</b>	28	38,6	11	31,5	39	36,3
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

Private sector surveyed: I agree with 50.6%, 38.6% I totally agree with, I have no idea with 6.8%, 2.7% strongly disagree with and are shaped answer disagree with 1.3%. This result is considered better than taking the weighted average. Weighted can be enhanced by obtaining the average. Weighted Average, Neutral to (0) whether, positively, that (+1) Agree completely (+2) and the negative side, I do not agree (-1), Disagree (-2) is calculated with the weight value. Weighted average values  $Weight * Frequency$  values multiplied collected and frequency of unstable frequency value is obtained by dividing the remainder after deducting. The result is positive; they join the judiciary referred to the question asked of respondents expressed that they will participate in the negative(6). Accordingly, the weighted average of the issue:  $WA = (2 * -2) + (1 * -1) - ((37 * 1) + (28 * 2)) = 88/68 =$  because 1,29, it will be positive; They stated that they join the judiciary managed with questions. The public sector: 60% agree, 31.5% totally agree, disagree 5.7%, as stated strongly disagree with 2.8%. This problem was obtained as a weighted average of 1.11. They stated that they participated in public units this judgment. Referring Overall it is seen that an addition of 90%. Our business / organization we find new projects to produce positive valuation is given in Table 15.

**Table 15.** Our Business / New Projects Production of our institution, I Find Positive

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
<b>Strongly Disagree</b>	-	-	3	8,7	3	2,7
<b>Disagree</b>	2	2,7	-	-	2	1,8
<b>No idea</b>	3	4,2	1	2,8	4	3,7
<b>Agree</b>	23	31,5	10	28,5	33	30,5
<b>Totally agree</b>	-	-	3	8,7	3	2,7
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

Private sector surveyed: I agree completely with 61.6%, 31.5% agree with, I have no idea with 4.2%, 2.7% is in the form disagree. The weighted average is calculated as 1.58. In this case the new project of the

respondents from the private sector in the production they find favorable. The public sector: 60% totally agree, I agree 28.5%, 8.7% do not agree at all, as I have stated idea of 2.8%. Weighted average was obtained as 1.35. The public sector is observed that a large proportion of the fans in the generation of new projects. When overall there has been a 91.8% state participation. Business / corporate employees to have a separate budget unit of the project are to offend those who have the equipment and the target is presented in Table 16.

**Table 16.** Business / corporate employees to have a separate budget unit of the project are to offend those who have the equipment and the target.

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Freque ncy	%	Freque ncy	%	Freque ncy	%
<b>Strongly Disagree</b>	22	30,4	17	48,5	39	<b>36,1</b>
<b>Disagree</b>	25	34,2	10	28,5	35	<b>32,4</b>
<b>No idea</b>	8	10,9	1	2,8	9	<b>8,3</b>
<b>Agree</b>	7	9,5	5	14,5	12	<b>11,2</b>
<b>Totally agree</b>	11	15	2	5,7	13	<b>12</b>
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

The private sector participated in the survey: 34.2% do not agree with, disagree with 30.4%, with 15% totally agree, I have no idea and I agree with 10.9% and 9.5% as stated. Weighted average - 0.615 was obtained in the form. Private enterprises stated that they disposed of jurisdiction governed by this question. The public sector: 48.5% disagree with, disagree with 28.5%, with 14.5% agree, I agree completely with 5.7% and 2.8% with no idea as stated. Weighted average were obtained as -1.029. Public sector respondents also stated that they participate in this judicial unit. So the separate budget of the project and stated that they were not covered by the employees of the equipment adversely. If we see that, in general, of an inability to attend 68, 5%. New ideas and projects to achieve the creation of inventions opposed results are given in Table 17.

**Table 17.** New Ideas and Projects for Obtaining the new invention of the produced Disagree

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Freque ncy	%	Freque ncy	%	Freque ncy	%
<b>Strongly Disagree</b>	53	72,6	25	71,4	78	<b>72,2</b>
<b>Disagree</b>	10	13,6	6	17,3	16	<b>14,8</b>
<b>No idea</b>	1	1,3	-	-	1	<b>1</b>
<b>Agree</b>	7	9,7	3	8,5	10	<b>9,3</b>
<b>Totally agree</b>	2	2,8	1	2,8	3	<b>2,7</b>
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

New Ideas and Projects for Obtaining the new invention of the produced Disagree; the private sector participated in the

survey: 72.6% disagree and disagree, 13.6%, 9.7%, I agree, I agree completely with 2.8%, 1.3% is in the form of no idea. It was obtained as a weighted average of -1.45. Private businesses have expressed no objections to the project. The public sector: 71.4% disagree with, disagree with 17.4% agree 8.5% and 2.8% form I agree completely. Weighted average - were obtained as 1.45. Government departments also stated that they have new projects to be generated. It is observed that, in general, 77% do not agree. Our company / organization of our new project development business / organization does not contribute much status is given in table 18.

**Table 18.** Our company / our Agency Project Development of New Business / Agency What is Make Contribution.

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Freque ncy	%	Freque ncy	%	Freque ncy	%
<b>Strongly Disagree</b>	38	52	19	54,4	57	<b>52,7</b>
<b>Disagree</b>	23	31,7	9	25,7	32	<b>29,6</b>
<b>No idea</b>	8	10,9	2	5,7	10	<b>9,5</b>
<b>Agree</b>	2	2,7	4	11,4	6	<b>5,5</b>
<b>Totally agree</b>	2	2,7	1	2,8	3	<b>2,7</b>
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

The private sector participated in the survey: 52% never disagree, disagree, 31.7%, 10.9% no idea, it stated as 2.7%, and I agree completely agree. Weighted average obtained in the form of -1.43. Private enterprises stated that they disagreed. When the public institutions: 54.4% never disagree, disagree, 25.7%, 11.4% agree, I have no idea, 5.7%, 2.8% stated as totally agree. Weighted average obtained in the form of -1.24. Public institutions have stated that they participate in the proposed idea. Both the private and the public sector as well as the new projects the company / institution they think will contribute. When general terms, the inability to participate in a 82,3%. Developments, I believe that the progress achieved by the new opportunities and projects is given in table 19.

**Table 19.** Developments, and that the progress of the Projects New Opportunities With Obtained do not believe, Status

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Freque ncy	%	Freque ncy	%	Freque ncy	%
<b>Strongly Disagree</b>	35	47,9	10	28,5	45	<b>41,6</b>
<b>Disagree</b>	14	19,1	11	31,7	25	<b>23,3</b>
<b>No idea</b>	4	5,4	1	2,8	5	<b>4,6</b>
<b>Agree</b>	12	16,7	5	14,2	17	<b>15,7</b>
<b>Totally agree</b>	8	10,9	8	22,8	16	<b>14,8</b>
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

The private sector participated in the survey: 47.9% never disagree, disagree, and 31.7%, 16.7% agree, 10.9% agree completely, not 5.4% as stated idea. Weighted average - 0.811 was obtained in the form. They stated that they join the proposed idea. The public sector: 31.7% disagree, 28.5% do not agree at all, I totally agree 22.8% Agree 14.2%, 2.8% was obtained in the form I have no idea. Weighted average - were obtained as 0.29. Private and public sector as well as development of, and they think progress will be achieved with the new opportunities of the projects. If, in general, it is subject to a condition to participate 64, 9 %. New projects have developed our other businesses / organizations from shows our differences are given in the table 20.

**Table 20.** New projects have developed our other businesses / organizations from shows our differences

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
<b>Strongly Disagree</b>	1	1,3	2	5,7	3	2,7
<b>Disagree</b>	1	1,3	2	5,7	3	2,7
<b>No idea</b>	8	10,9	2	5,7	10	9,2
<b>Agree</b>	34	46,7	14	40	48	44,4
<b>Totally agree</b>	29	39,7	15	42,9	44	40,7
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

Private sector surveyed: Agree 46.7%, 39.7% totally agree, I have no idea 10.7%, 1.3% is in the form of ever disagree and disagree. It was obtained as a weighted average of 1.36. It is understood that the private sector participate in this proposition. The public sector: 42.9% totally agree, 40% agree, I have no idea 5.7%, strongly disagree and disagree with the form. It was obtained as a weighted average of 1.18. They stated that they agreed with the idea in the public sector. If, in general, it is considered to be a join 85,1%. Creating new projects and production projects in our company / organization shows our quality is presented in the table 21.

**Table 21.** Creating new projects and production projects in our company / organization shows our quality

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
<b>Strongly Disagree</b>	1	1,4	1	2,8	2	1,8
<b>Disagree</b>	-	-	3	8,5	3	2,7
<b>No idea</b>	2	2,6	2	5,7	4	3,9
<b>Agree</b>	34	46,7	12	34,5	46	42,6
<b>Totally agree</b>	36	49,3	17	48,5	53	49,0
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

Private sector surveyed: I totally agree 49.3%, 46.7% agree, I have no idea 2.6% and 1.4% disagree

as ever. The weighted average was obtained as 1.46. It is understood that participate in the proposed idea. The public sector: 48.5% totally agree, 34.5% agree, disagree 8.5% 5.7% I have no idea, in the form of 2.8% disagree at all. The weighted average was obtained as 1.24. Private and public sector as well as the creation of new projects and projects generating businesses / organizations are involved in the idea of the quality of our shows. When general, the 91,6% state participation is concerned. Project supported by the European Union to generate business / organization should be our main target is presented in Table 22..

**Table 22.** Project supported by the European Union to generate business / organization should be our main target

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
<b>Strongly Disagree</b>	4	5,4	8	22,8	12	11,2
<b>Disagree</b>	14	19,1	8	22,8	22	20,3
<b>No idea</b>	23	31,7	4	11,4	27	25
<b>Agree</b>	19	26	6	17,3	25	23,2
<b>Totally agree</b>	13	17,8	9	25,7	22	20,3
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

The private sector participated in the survey: 31.7% No idea, 26% agree, 19.7% disagree, totally agree 17.8% and 5.4% disagree as ever. Weighted average as 0.26. It is understood that private businesses participating in the projects they support the idea of the production of the project of the European Union. Public sector: I totally agree 25.7%, and 22.8% do not agree at all, and I do not disagree as agree 17.3% 11.4% idea. Weighted average rose 0. It is seen that, in general, the highest unstable. A total of 43% appears to be involved. The public sector has remained unstable. Business / corporate identity we produce the greatest contribution of the project to the fore / I think the support is given in table 23.

**Table 23** Business / corporate identity, we will be highlighted Biggest Contribution Project to Produce / Support I think that

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
<b>Strongly Disagree</b>	-	-	2	5,7	2	1,8
<b>Disagree</b>	11	15	3	8,5	14	12,9
<b>No idea</b>	11	15	5	14,2	16	14,8
<b>Agree</b>	37	50	12	34,2	49	45,5
<b>Totally agree</b>	14	20	13	37,4	27	25
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

The private sector participated in the survey: 50% agree, 20% agree completely, was obtained in the form of a 15%

no idea and I do not agree. The weighted average is calculated as 0.87. The private sector is involved in this proposition. Public sector: 37.4% totally agree, I agree, 34.2%, 14.2% I have no idea, I do not agree 8.5%, 5.7% was obtained in the form of ever disagree. It was obtained as a weighted average of 1.03. Public sector stated that they agreed with the statement. When 70% of all respondents to this question seems to be a support. Future business / production projects between the institutions of the race and I think that now in the field to implement, is presented in Table 24.

**Table 24.** Future business / production projects between the institutions of the race and I think that now in the field to implement

	SPECIAL & NON-PUBLIC		PUBLIC		GENERAL	
	Frequency	%	Frequency	%	Frequency	%
<b>Strongly Disagree</b>	2	2,7	2	5,7	4	<b>3,7</b>
<b>Disagree</b>	7	9,5	1	2,8	8	<b>7,4</b>
<b>No idea</b>	14	19,4	3	8,5	17	<b>15,7</b>
<b>Agree</b>	26	35,6	9	25,7	35	<b>32,5</b>
<b>Totally agree</b>	24	32,8	20	57,3	44	<b>40,7</b>
<b>Total</b>	<b>73</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>108</b>	<b>100,0</b>

The private sector participated in the survey: 35.6% agree, totally agree 32.8%, 19.4% no idea, I do not agree 9.5%, 2.7% was obtained in the form of ever disagree. The weighted average was obtained as 1.06. It is understood that participate in thought. Public sector: I totally agree 57.3%, 25.7% agree, I have no idea, 8.5%, 5.7% do not agree at all, were obtained as 2.8% disagree. It was obtained as a weighted average of 1.375. The public sector is also understood that participate in this idea. General as well as of participation are subject to a state 73,2'lik%. So respondents to produce the project competition among businesses and in the future will pass in support of applications and are involved at this point.

### 3. FACTOR ANALYSIS AND KAISER-MEYER-OLKIN TEST

The distribution of factor analysis was carried surveyed project management related assessment has been determined. The distribution for the detection of the respondents are given in Table 25. Initial values were obtained using orthogonal rotation vari max method. Load described by factors of each component are given in Table 26.

**Table 25:** Announced Total Variance

Component	Initial values Self			All of the Initial Load			Total of rotated Squared Load		
	Total	Variance %	Cumulative %	Total	Variance %	Cumulative %	Total	Total %	Cumulative %
1	8,34	75,8	75,8	8,34	75,8	75,8	5,5	50,3	50,334
2	1,46	13,3	89,1	1,46	13,3	89,1	4,2	38,8	89,183
3	,277	2,52	91,7				73	50	
4	,244	2,21	93,9						
5	,177	1,61	95,5						
6	,133	1,21	96,7						
7	,101	,921	97,6						
8	,089	,812	98,4						
9	,071	,645	99,1						
10	,054	,493	99,6						
11	,042	,386	100,000						

Starting Method: Principal Component Analysis

**Table 26:** Rotated Factor Matrix (Varimax) Method

	Factors	
	1	2
Success is the Project Management	,832	,366
Positive is worth	,928	,164
It is nervous.	,437	,855
Disagree Project	,145	,943
Do not contribute	,326	,901
To Create New Opportunities	,477	,817
The show our diversity	,906	,342
The quality of our Shows	,881	,295
Abu Main Target Must	,686	,653
It happens with Corporate Identity Project	,791	,490
Racing is a racing project	,863	,377

Other methods of rotating the load values of components using varimax broth obtained by taking the square table 27 were obtained.

**Table 27.** Variance in the square Cargo

	Factors		h <sup>2</sup>
	1	2	
Success is the Project Management	0,692224	0,133956	0,82618
I Finds Positive	0,861184	0,026896	0,88808
It is nervous.	0,190969	0,731025	0,921994
Disagree Project	0,021025	0,889249	0,910274
Do not contribute	0,106276	0,811801	0,918077
To Create New Opportunities	0,227529	0,667489	0,895018
The show our diversity	0,820836	0,116964	0,9378
The quality of our Shows	0,776161	0,087025	0,863186
EU Should Be Main Goal	0,470596	0,426409	0,897005
It happens with Corporate Identity Project	0,625681	0,2401	0,865781
Racing is a racing project	0,744769	0,142129	0,886898
Total	5,53725	4,273043	9,810293
Averages	0,503386	0,388458	0,891844

Considering the rotated quadratic load, we see that the two main factors to leave. The first factor; Core values of 5.53725, which corresponds to 50.3346% of the variance. The first factor included "Project management is a success, they find positive project generation, to produce the new project shows our differences, show our quality to produce projects, project generation should be the EU main target is achieved by the project are the development of corporate identity, will be made by the race project from future businesses" is composed of sub-titles. The first factor is "generating awareness project is to read the future." The second factor is self-value and variance value of 4.273043 corresponds to 38.8458%. These factors included the "Project work is the cause of unrest in the company, I am opposed to the project to produce new projects do not contribute to the company, the development, progress, and I believe that providing new opportunities projects" consists of sub-titles. These factors "are negative towards the project disappear communications" it may be called. at the end of the column h<sup>2</sup> values gives the total variance explained by the factors of each component. In the smallest variance explained 82.618% according to "Project management is a success," the component with the highest 93.78% "indicates our difference" component has been. the explanatory value of the total variance of both factors are observed to be as high as 89.1844%.

Determining that sufficient sample size made of Kaiser Meyer Olkin test should also be performed. The results of this test are given in Table 28.

**Table 28:** KMO and Bartlett's Test

Kaiser-Meyer-Olkin		,913
Example Proficiency Test		
Bartlett's Test	Approximately Chi Square	1779,54
	df	55
	Sig.	,000

Kaiser-Meyer-Olkin test must be greater than 0.5 out. The result of the analysis; It rose 0.743. The sample has a sufficient. Bartlett's test should be zero. Analysis zero is reached. The result is significant. KMO test scale; such as 0.913, it is observed to have a very good value.

#### 4. RELIABILITY TEST

The data reliability test results of the survey are given in table 29.

**Table 29.** Reliability Statistics

Cronbach's Alpha	N of Items
,964	11

The most commonly used Cronbach test statistics are obtained as quite as high as 96.4%. There is no data in a reliability problem(10).

#### CONCLUSIONS

Project management and Malatya is a private non-governmental organizations and public institutions on the survey results, it made the following assessments.

- Surveyed 108 enterprises / institutions participated. A survey manager with 41% and 35%, which is filled by the person responsible and the rest, is determined to be filled by other staff.
- Surveyed business / corporate activity areas in the private sector: 43.2% in commerce, the public sector: they come to the forefront of education by 40%. Commerce in the private sector, most surveyed the field of education in the public sector, comments can be made. Overall in most training is emerging as leading the field with 39% and 34% commercial.
- Your business / organization in question did have in your project management unit; 69.8% in the private sector surveyed, while 74.2% are project management in the public sector, the answer is received. Overall in most countries, 77% of respondents in since it is understood that the project management unit.
- Surveyed enterprises / institutions Considering the employees working in project management unit; The private sector; While 60.2% of element work, while in the public sector; Apple is working to 74.2%. When general, the surveyed enterprises / institutions in project management unit has been determined that 70% of working elements.

• Tradition of the respondents to produce the project Considering the past to the present case did have; The private sector; In the tradition of 73.9% is producing the project, while in the public sector, 62.8% of the project is producing tradition, and, in general, is determined to be 70.3% of the tradition of producing the project.

• When the state did have mechanisms to produce the project; the private sector; 75.3% of public sector; 65.7% of the general, a cut of 72%, stated that the project generating mechanism. So the units surveyed that about three out of four of the infrastructure projects of the existence of a system can produce, we can talk.

• How do you view the project work, condition in retrospect; The private sector; 97.2% of 82% of the public sector in general stated that they had found a positive 92.5%. Both the private as well as public sector and non-project work stated that they largely positive.

• This year you produce / What is the area of your project that you sponsor in question; innovation and patent projects with 19% in the private sector, the public sector; The projects created by the ministry request stands out with 23%. With patents on private sector innovation projects, conducted by the ministry canal projects in the public sector are understood to be the most preferred areas.

• When you start your project this year, and productivity status of fact, the private sector, with 79% of less than 2, and the public sector; 44.4% with less than 2, and when viewed overall, is determined to build the project from 65% to 2. When evaluated by the project productivity; special civil part of it is in poor productivity levels with a 0.94 average, while average 3.25 degrees When the public good can be said that they have a productive performance. The project does not fall per unit of private civilian populations were observed. This also means keeping resources idle condition. Productivity point of the project is determined to see the locomotive of the public institutions.

Perceptions about project management can be evaluated as follows.

• The success of the project management; time, quality, cost and success of risk management, condition; private sector: I agree totally agree 92.2%, while the public sector: 91.5% + shaped agree totally agree. This problem was obtained as a weighted average of 1.11. Private and public organizations such as the civilian sector have also stated that they agreed with the judgment. Referring Overall it is seen that an addition of 90%.

• Business / institution to produce new projects positive finding state, the private sector (agree completely agree)% 93.1, while the public sector (agree completely agree) Referring to 88.5% General assessment of 91.8% is a participating state . This problem was obtained as a weighted average of 1.41. Both the private and civil projects both produced with a large average public sector stated that they found positive.

• Business / Corporate employees as a lack of equipment and a separate budget to be employees of the department of the target project is uncomfortable, if we evaluate the situation; private sector (disagree + strongly disagree) of 64.6%, while the public sector (disagree strongly disagree) were obtained in 77%. Both private non-negative and both are finding it to be a separate budget for the project in the public sector. If, in general, has led to a weighted average to participate and -075'lik 68, 5%, it was rejected by the participants of the survey suggest.

• I am opposed to the production of new ideas and projects to achieve new discoveries, situation in retrospect; the private sector: (disagree strongly disagree) with 86.2%, while the public sector (disagree strongly disagree) were obtained in 88.8%. 77% disagree with this proposition, in general, and - 1, 45' was reached on a weighted average. Both private and public sector and civilian, they have refused to propose at a great rate.

• Our business / organization of our new projects and development of business / organization does not contribute much, situation in retrospect; private sector (disagree strongly disagree) 83.7%, in public institutions (disagree strongly disagree) 81.1%, respectively, the general view, a failure to attend and 82,3' - 1,36'lik obtained a weighted average. Both the private and the public sector as well as the new projects the company / institution they think will contribute.

• The development, progress, and I believe that new opportunities obtained by the projects, status in retrospect; private sector (strongly disagree disagree) to 79.6%, while the public sector (disagree strongly disagree) to 60.2%, while, in general, a joint condition and 64,9' - 0,64'lik was reached on a weighted average. Private and public sector as well as development of, and they think progress will be achieved with the new opportunities of the projects.

• New projects we develop our other businesses / organizations from shows our diversity, situation in retrospect; private sector (agree completely agree) 86%, while the public sector (+ agree totally agree) 82.9%, while, in general, a weighted average was obtained to participate and 1,28' 85,1'lik%. Both

private and public sector civilian project to produce the idea to create differences are involved.

- Create new projects and production projects in our company / organization is to show our quality, if we evaluate the situation; private sector (agree completely agree) 96%, while the public sector: (I agree completely agree) 83%, and, in general, to participate 91,6%' and a weighted average 1,40' was reached. as well as private and non-governmental organizations participating in the survey that was an indication of the emergence of quality projects to produce, it was understood that they attended.

- The company to produce their projects in the European Union / organization should be our main objective situation in retrospect; private sector (agree completely agree) 57.7%, while the public sector: (I agree completely agree) 48.5%, a weighted average of 47% was obtained, in general, to participate and 0,252'lik. both sides of their support of this proposition about the EU, it is understood.

- Business / corporate identity we produce the greatest contribution of the project to the fore / I think that support the state in retrospect; private sector (agree completely agree) 70%, the public sector: (I agree completely agree) 71.6%, while, in general, has reached an average 76% participation and 0,92'. to produce the project will be at the forefront of the corporate identity, we can say that both the private as well as civil and supported by the public sector.

- Future business / corporate production projects between the race and I think that now in the field to implement, if we evaluate the situation; private sector (agree completely agree) 78.4%, public sector (agree completely agree) 83%, with overall nominal been achieved by a weighted average of participation and 1,17' 73,2'%. So respondents to produce the project competition among businesses and in the future will pass in support of applications and are involved at this point.

- Project management applied to the detection of factor analysis and reached two main factors. These factors are the first "awareness project is to read the future generation," second factor "negativity against the project disappear communications" titles were eligible.

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