

THE MANAGEMENT BY INFORMATION

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Abstract:

The information became one of the important elements of success of management operation in the industrial and service institutions at the public and private sectors at the same time. Because if the information is not available there is will be difficult in the decision-making.

The management is operation of decision-making, the decisions which are built on available of information will give best results in globally time, and distribution the information technology and modern communications.

This paper shows the that the information must be higher quality in several levels at the institution, such as in the higher management or executive management. Information quality is a measure of the value which the information provides to the user of that information. There are a list of dimensions or elements used in assessing subjective Information Quality will be explain in this paper.

The relationship between data and information:

The information is out of data after processing it. The data doesn't have any benefit without treatment, but the data is considering input to industry of information.

The figure below shows the relationship between data and information.

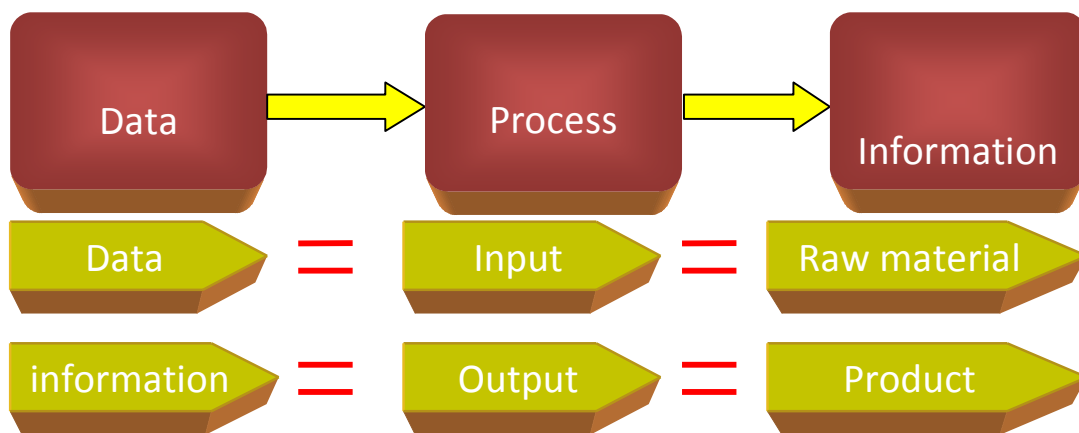


Figure (1) The relationship between data & info.

The Information often are inputs to other processes for the production of new information based on that information.

Quality of Information :

Since the information is an output or products, they must be of high quality. Quality information includes several key elements are as follows:

Accuracy. -1
 Objectivity. -2
 Relevancy. -3

Value-Added.	-4
Timeliness.	-5
Completeness.	-6
Amount of information.	-7
Accessibility.	-8
Access security.	-9

Information as a product distinct from other products as if they are not quality, they will not become information will remain data (raw material).

Information if it is not processed or industry in an appropriate manner may be negative effects on its users.

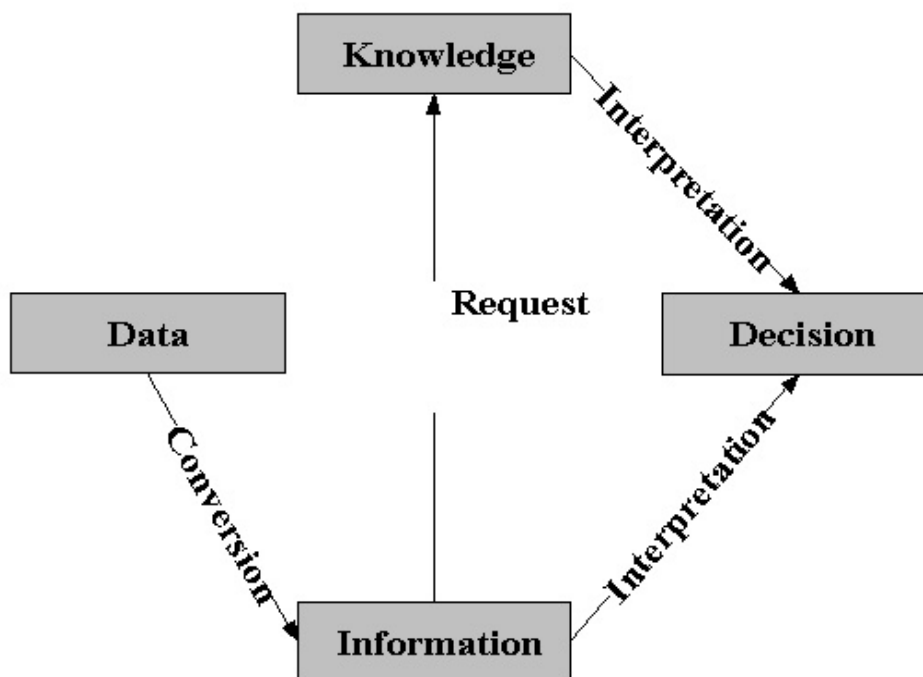
It must be noted here that the information has other advantages, they in many applications made once and used many times. This meaning that the cost of production information may be equal to zero in some cases.

The importance of information in decision-making:

Decisions based on the availability of information to be more correct than the decisions taken at random without reference to information, and this is evident from the fact experiments in many industrial enterprises and service.

Provide information helps managers to make decisions correctly, away from the appreciation and random.

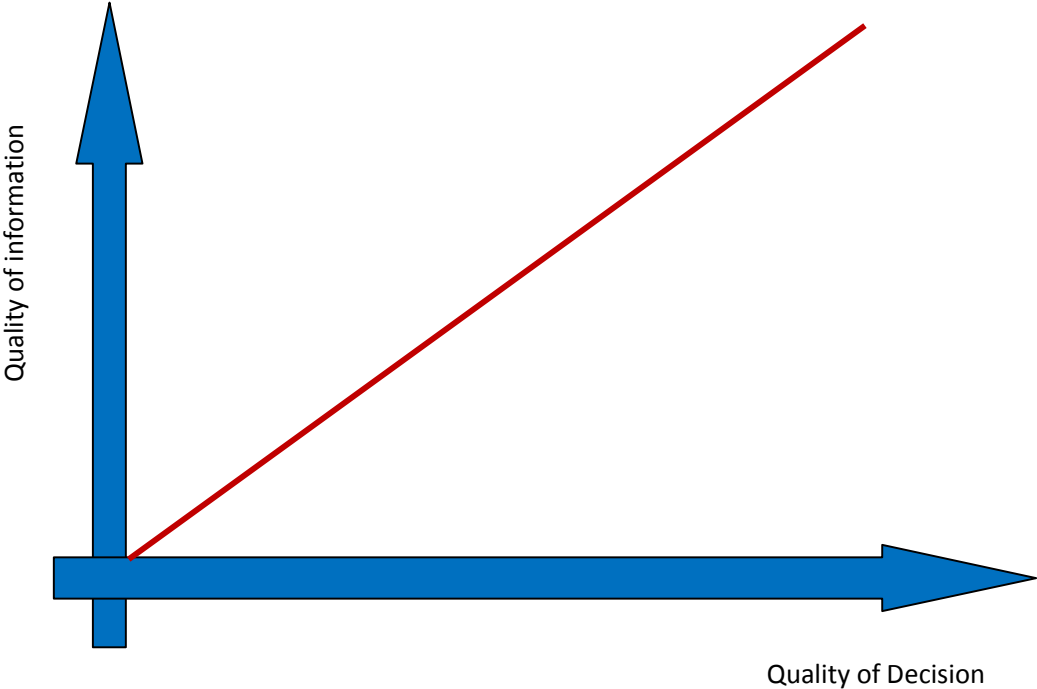
The figure (2) shows relationship between data-information and decision.



Source: *Smith-Wilson, 2001*

The figure (2) relationship between data-information and decision

The figure (3) shows correlation quality of information with quality of decision.

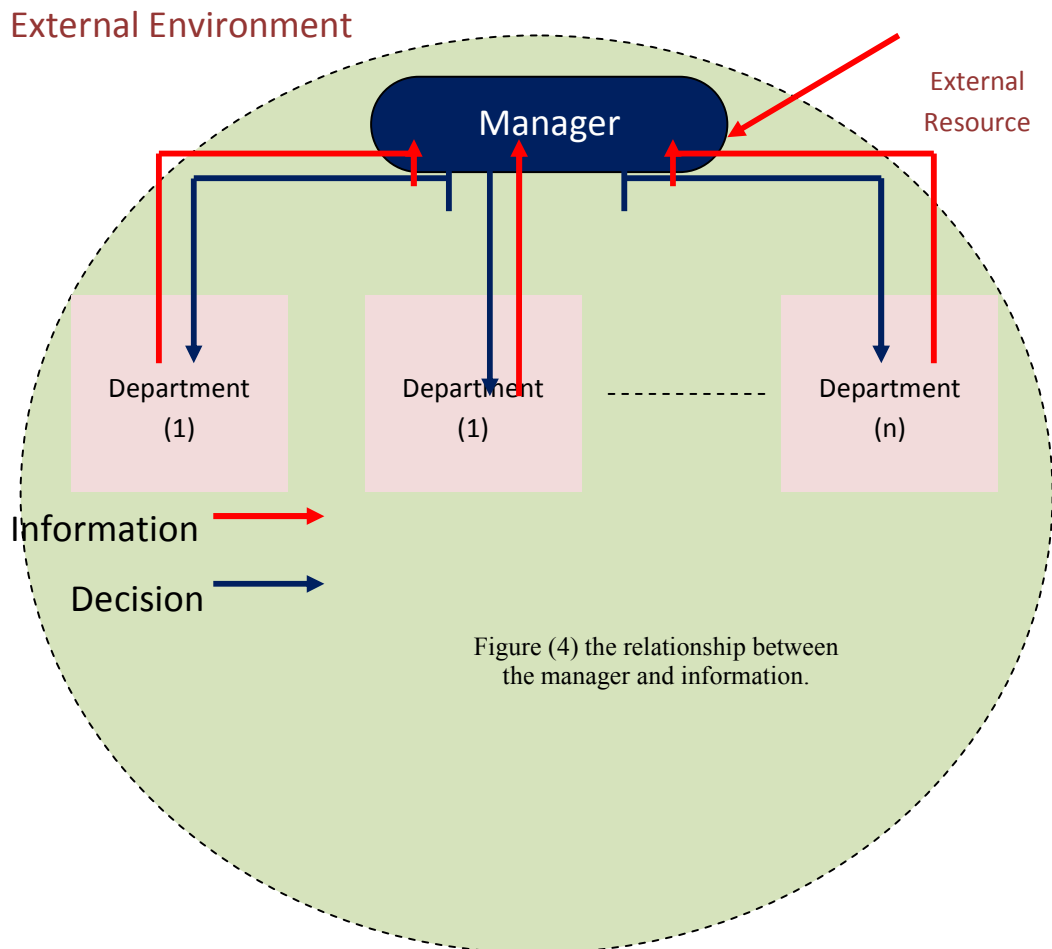


The figure (3) correlation quality of information with quality of decision.

The relationship between manager and information:

The basic rule is that the manager receives information and make decisions based on them. Thus, there is a strong correlation between the manager and information, the manager receives information from several sources, may be internal or external sources.

Figure (4) shows the relationship between the manager and information.



Information and Technology:

Modern technology has helped a lot in the formulation and information management industry as it contributed to the support of many organizations in various fields.

Progress in the field of computers has become closely linked with information. Today, most of the information is collected, classified, indexed, stored and processed by computer.

Information in Libya:

Libya is a developing country, from World countries, according to Western classification, despite the enormous wealth abundant in the forefront of oil. But it still need many roles, the most important of which the information sector, most of the institutions in not rely making its decisions on the information, there are simple attempts need further developed, after the revolution Libya to build a computerized system to keep pace advances in all fields.



Third that to activate Libya does to be seeking with

Difficulties for Libya in the field of information:

There are many problems faced by the field of information, the most important problems is the infrastructure in the country, information sector in different areas: industrial, agricultural, service, health, social, ... Etc..

in addition to the lack of clear plans for the development of the

Libya in of these

Summary:

The information is the key to the at all levels, strategic, operational, whether organizations or large organizations or at the state as a whole.

Perhaps such meetings help to from the experience of others on how to deal a sensitive and vital sector. Taking into the specificity of each country.



decisions for small level of the benefit with such account

Reference :

Smith-Wilson, 2001 -