







WP 8- Agrifood SC Decision-Making under Uncertainty

UPV (Universitat Politècnica de València) Andrés Boza

Llanos Cuenca

Secondment in ALSIA April - June 2019















WP 8- Agrifood SC Decision-Making under Uncertainty Teaching session

INTRODUCTION TO ERP SYSTEMS

Andrés Boza (UPV)

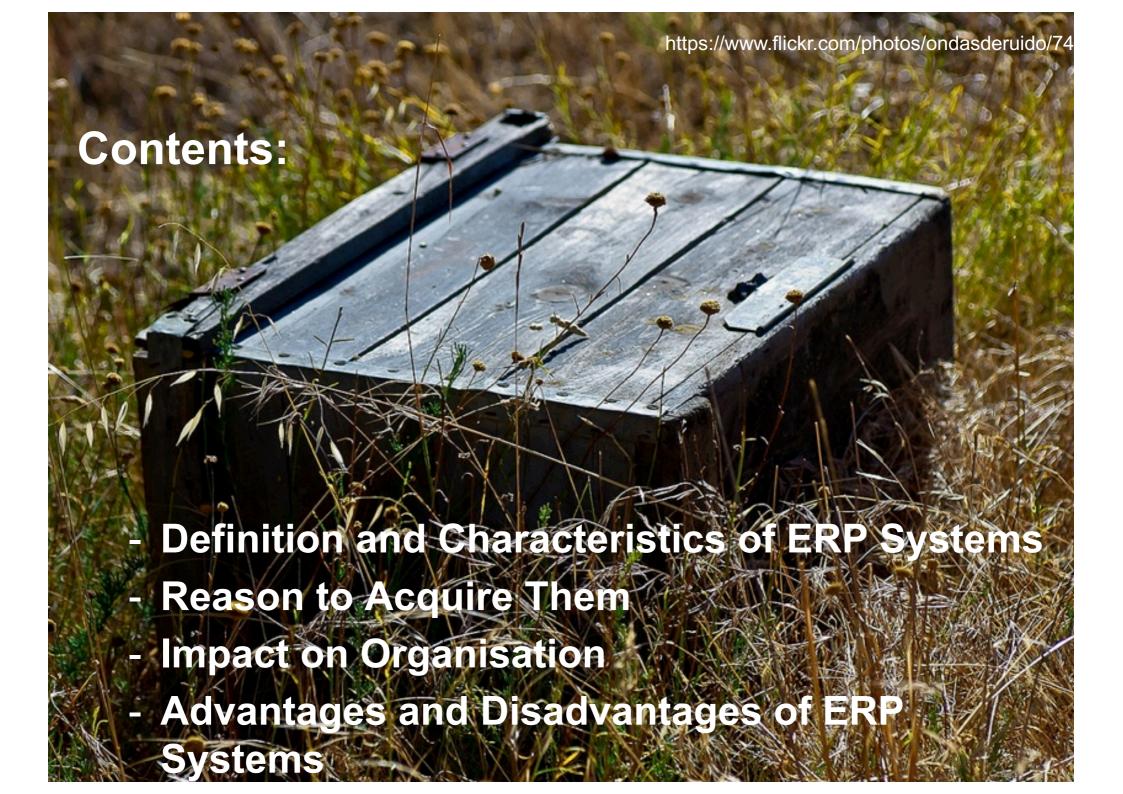
Llanos Cuenca (UPV)

Secondment in ALSIA April - June 2019

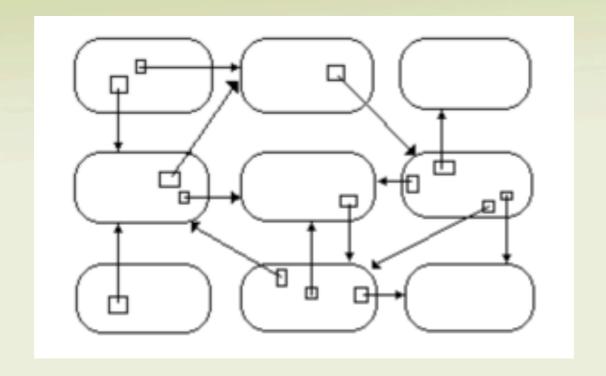








An introduction to ERP Systems

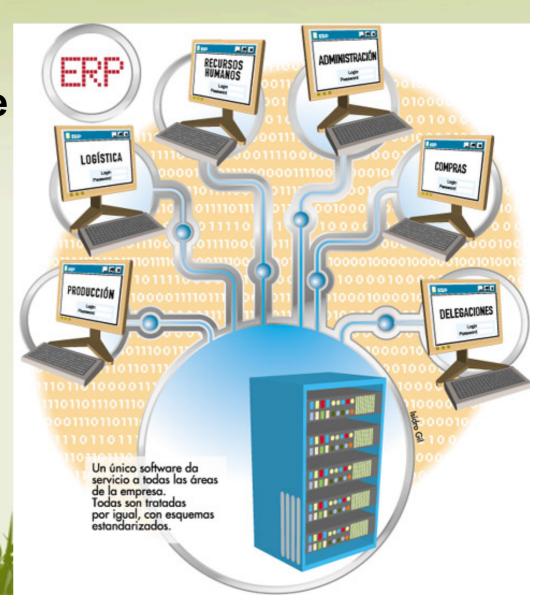






An ERP system is:

A packet of standard programmes that allows a company to automate and include most of its business processes, to share data and practices with all organisation members, and to produce and access information in a realtime setting.



Purchases and Sales





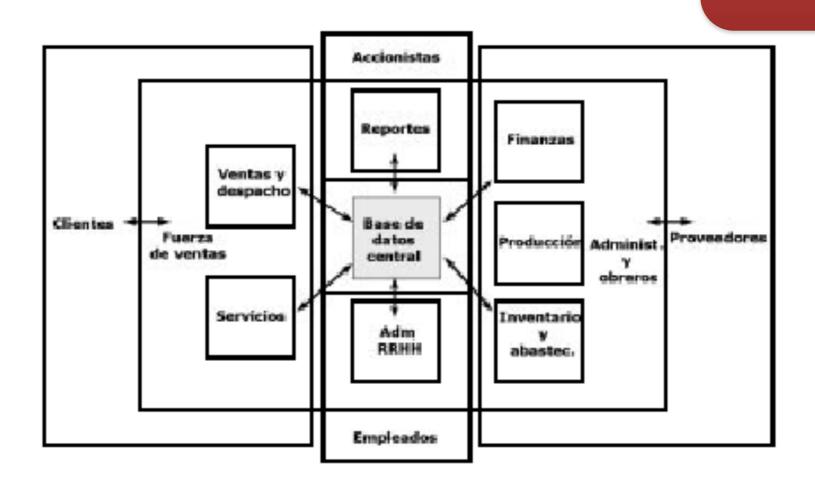
Human resources Accounting



Characteristics of an ERP System (Saroka, 2002):

Design based Integrated on the best **System** practices **Customizaton** Modular **Capacity**

Integrated System



(Davenport, 1998)







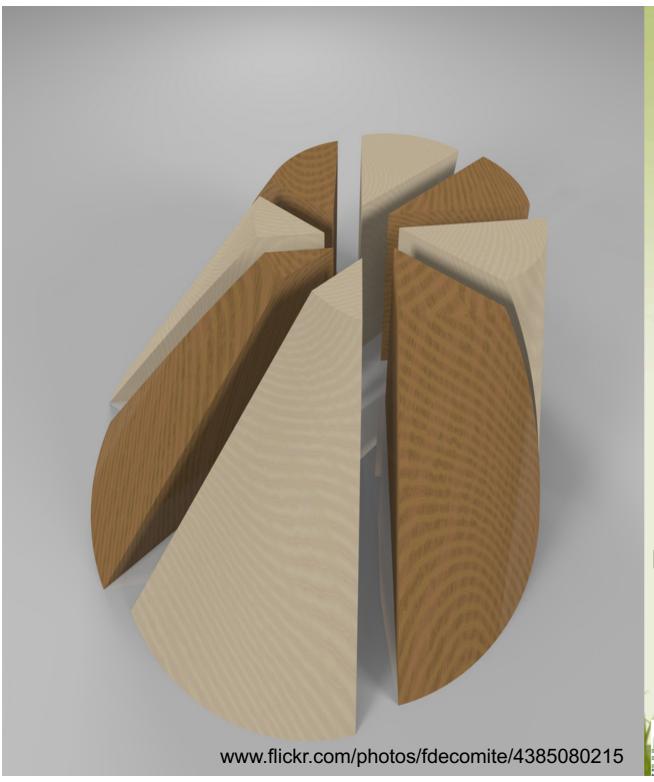
Design based on the best practices

Generic solution; how a company works in general.

ERP companies implement these best practices







Modular

Functionality is divided into modules, which can be installed according to the company's requirements.

Most companies install accounting and financing modules, but not all of them opt for human resources or manufacturing modules.



To adapt the system to each company's particular business processes

Each module offers configuration tables (or parameters)

Customisation capacity



When parameters are not enough:

Programme modifications:

Customisation capacity

Conexion with external systems

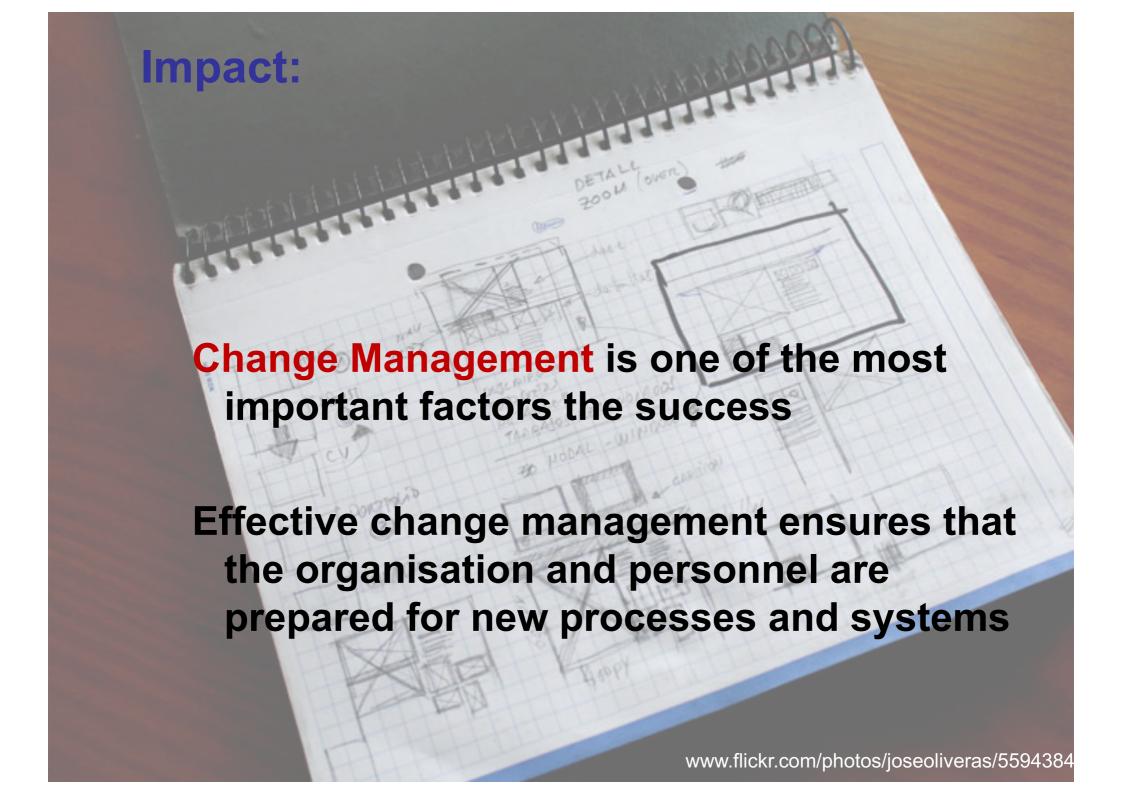
flickr.com/photos/barneymoss/16724650199











Impact:

ERP system imposes its own logic in the strategy, organization and culture of a company: ERPs





- Information online in real time in all the company.
- Información disponible en tiempo real en toda la organización
- Reduction of inaccurancies.
- ERP systems act as a template to standardise the business processes



Definition and characteristics

Motivation for implementation

Improve the

business

processes

Impact in organizations

Advantages and disadvantages

Integrated system

Best practices

Modular

Customization

Business problems

Change Management

Integration

Confident information in real time

Standarization of business processes









WP 8- Agrifood SC Decision-Making under Uncertainty

UPV (Universitat Politècnica de València) Andrés Boza

Llanos Cuenca

Secondment in ALSIA April - June 2019





