

Supply systems management:

7. Planning the supply systems

Metodický koncept k efektivní podpoře klíčových odborných kompetencí s využitím cizího jazyka ATCZ62 - CLIL jako výuková strategie na vysoké škole

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Relation between enterprise strategy and logistics planning

Planning is a gradual, partially iterative process, in which a number of functions are applied.

Planning includes a wide range of activities, such as:

- developing business plans,
- production or assembly planning,
- logistics planning,
- material flow planning, etc.

Planning monitors the **optimal solution** to the problem in the term, usually predetermined, while respecting all the essential influential factors and quantities.

The result of planning consists in a **plan**. Plan determines:

- goals,
- tasks and activities,
- as well as the tools,
- or ways to achieve them.

The main task of logistics planning is to implement a strategic business plan into implementation plans in compliance with the environmental changes and the system possibilities.

Structure of the logistics plan

- competitive products or services,
- optimal material and information flows mutually integrated,
- high systems and processes flexibility,
- favorable use (consumption) of areas, premises and equipment,
- short lead and delivery times,
- favorable working conditions and motivation for staff,
- cost minimization.

In the field of procurement logistics, it includes, for example:

- planning, management, implementation and control of material procurement,
- ensuring production tools,
- inventory planning in shopping warehouses,
- etc.

In the field of distribution logistics, it includes, for example:

- distribution structure planning,
- inventory management of final products,
- ensuring supplier services, et.

In the field of manufacturing logistics, it includes, for example:

- production program planning,
- production batch planning,
- needs planning,
- inventory management of semi-finished products
- planning and management of material flows,
- planning and management, including in-house traffic control,
- workshop planning,
- etc.

Stages of the planning process:

- Intention
- Objectives defining
- Planning space analysis
- Decision on further steps
- System study
- Decision on the concept selection
- System planning
- Decision on offers selection
- Implementation.