

PROJECT MANAGEMENT

2. METHODOLOGIES AND STANDARDS FOR PROJECT MANAGEMENT

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2. Methodologies and Standards for Project Management

- To issue of project management at international level are dedicated various professional organizations or organizations issuing standards. The most important organizations in this field are: PMI, IPMA, AXELOS Limited. There are also many industry and partial methodologies for project management.

2. Methodologies and Standards for Project Management

- Generally, the best known and most widely used methodologies and standards for project management are:
 - PMBOK (Project Management Body of Knowledge) – issued by PMI;
 - PRINCE2 (PRojects IN Controlled Environments) - issued by AXELOS Limited.
- These methodologies are in a way de-facto standards including everything needed to manage projects of different character and various sizes.

2. Methodologies and Standards for Project Management

- Deciding which method to choose for project management depends primarily on three factors:
 - The organization (type, culture, maturity, size, type of control, etc.) in which the project takes place;
 - The specification of the project (the very purpose and goals, finance, schedule, priorities, capacity, risks, link to the portfolio of projects, etc.);
 - The project manager who manages the project (and thus on the experience with a specific methodology).

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- In relation to project management, ISO standards shall also be applied. These allow to certify a project management system in an organization:
 - ISO 10006 (ISO Standard for quality management system)
 - ISO 21500 (preparing ISO standard Guidance on project management)

2. Methodologies and Standards for Project Management

- The best known and most widened certification of project managers are:
 - Project manager certification according to IPMA (IPMA - International Project Management Association)
 - Project manager certification according to PMI (PMI - Project Management Institute)
 - Project manager certification according to PRINCE2 (AXELOS Limited)

2. Methodologies and Standards for Project Management

- Project management methods are described and validated procedures and an organized effort to solve the complexity of realization and management of defined set of activities.
- The purpose of project management is to ensure effective management of this set of activities to bring the expected results and benefits.
- The subject of project management is a project.
- Project management is thus an application of knowledge, skills, activities, tools, and techniques to the project so that the project will meet the imposed requirements to reach its goals.

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- Through the project, various types of supplies (products) to customers or different activities within the organization can be realized.
- There are organizations that implement supply of its products to customers by way of a project, for example, the construction companies, companies focused on unit production, or IT companies which realize delivery of the implementation of various information and communication technologies (ICTs).

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- There are also organizations for which the delivery of their products through a project is complementary; that does not mean that they would not be appropriate to project management.
- Most organizations are in fact concerned with project management, whether they realize it or not. It is only about its use and intensity. Every organization makes organizational changes or changes to its information system and these are, by their nature, integrated sets of activities designed to bring the change, therefore, the projects.

2. Methodologies and Standards for Project Management

- Project management in an organization inherently belongs to the matrix organizational structure, which is associated not only with the balance of authority and responsibility of a project manager to another project or line managers.
- But also with the authority and responsibility of all staff taking part in the project, thus the entire project team.

Thank You for Your Attention