

ANALIZA VALORII DOBÂNDITE, INSTRUMENT DE BAZĂ PENTRU COORDONAREA ȘI REUȘITA PROIECTELOR ÎN CONSTRUCȚII

EARNED VALUE ANALYSIS, THE BASIC TOOL FOR COORDINATING AND COMPLETING CONSTRUCTION INDUSTRY PROJECTS

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Abstract: Earned Value is a performance measurement tool that was designed to determine and correct the budget additions involved in large projects. This is a current technical project in management construction, which is based on work performance evaluation during execution, showing a forecast of the project. In the first part, the paper presents briefly the stages of design and improvement of this method and its application parameters. Specific conditions are also presented of a project in the construction industry, and in the second part one may find summarized the results of applying this method in a case study. It is known that the budget of any grand project is a target for both investors and project managers. Thus, any further budget suppletion alters plans, involves major penalty and a huge contribution from the part of the project manager. Using earned value analysis has two benefits that confer it the status of analysis tool. The first is the percentage of falling within or over the budget, while other indicators express the as related to time or budget how the project is carried out.

Keywords: project management, earned value, cost performance index-CPI, schedule performance index-SPI.