

Integrated Management Approach of Construction Project Control: a Case Study in PT Hutama Karya

Nia Octaviana, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20184652&lokasi=lokal>

Abstrak

As a developing country, Indonesia is trying hard to progress towards becoming a developed nation. In the past few years, Indonesia has achieved impressive growth. In order to maintain it, Indonesia is spending a large amount of money for its physical development, for instance, the development of infrastructure projects. Consequently, project control is then needed to carry out the projects successfully. Therefore, project control plays an important role in the development of our country. Control is basically a process of trying to achieve conformity between goals and actions. It involves comparison of the performance to the plan. If significant differences take place, corrective actions should be taken. Project control is focused on three areas: time, cost, quality. Time control can be carried out by scheduling the project. Two methods used for scheduling are bar charting and networking technique. In bar charting, a project is divided into its major operations and the time to complete each operation is estimated. The operations are represented by bars arranged in the order of their early start time. Networking techniques are used on complex projects. An example of such a technique is Critical Path Method (CPM).