

Pengembangan waste management plan untuk mengurangi construction waste yang berpengaruh pada kinerja biaya proyek = Waste management plan development to reduce construction waste affecting project cost performance

Stefanus Wijanto, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20389725&lokasi=lokal>

Abstrak

[ABSTRAK

Munculnya construction waste pada pelaksanaan proyek konstruksi tidak dapat dihindari. Munculnya construction waste pada proyek konstruksi ini tentunya berdampak pada kinerja biaya proyek. Apabila construction waste dalam pelaksanaan proyek konstruksi tidak dikendalikan, maka dapat terjadi pembengkakan biaya proyek. Untuk itu perlu adanya suatu usaha untuk mengendalikan munculnya construction waste ini. Salah satu usaha dalam mengendalikan munculnya construction waste adalah dengan penerapan Waste Management Plan. Dalam kaitannya dengan konsep konstruksi ramping (lean construction), Waste Management Plan diharapkan tidak hanya terfokus pada masalah waste dalam bentuk material saja. Tetapi juga perlu dilihat waste dalam bentuk kehilangan waktu, tenaga kerja yang tidak produktif dan penggunaan peralatan yang tidak efektif dan efisien. Data diperoleh dengan penyebaran kuesioner. Analisis data dilakukan dengan menggunakan Structural Equation Modeling dengan bantuan program SmartPLS. Hasil dari pengolahan data tersebut berupa matriks dampak ? penyebab dan grafik pola hubungan dampak ? penyebab.

ABSTRACT

Construction waste in the construction project can not be avoided. This condition is certainly has an impact to the project cost performance. If construction waste are not controlled, they can make cost overrun. Therefore, there needs to be an effort to control construction waste during the proses of construction. Waste Management Plan is one of the way to control the construction waste. In relation to the concept of lean construction, Waste Management Plan is expected to not only focus on the problem of material waste, but also needs to be seen in time loses, labour productivity and equipment that?s not effective and efficient. Questionner used to collect the data from the responden. Data analysis uses Structural Equation Modeling with tool SmartPLS. The result is shown by the matrix of impact-causes and pattern graphic of impact-causes relation.;Construction waste in the construction project can not be avoided. This condition is certainly has an impact to the project cost performance. If construction waste are not controlled, they can make cost overrun. Therefore, there needs to be an effort to control construction waste during the proses of construction. Waste

Management Plan is one of the way to control the construction waste. In relation to the concept of lean construction, Waste Management Plan is expected to not only focus on the problem of material waste, but also needs to be seen in time loses, labour productivity and equipment that?s not effective and efficient. Questionner used to collect the data from the responden. Data analysis uses Structural Equation Modeling with tool SmartPLS. The result is shown by the matrix of impact-causes and pattern graphic of impact-causes relation., Construction waste in the construction project can not be avoided. This condition is certainly has an impact to the project cost performance. If construction waste are not controlled, they can make cost overrun. Therefore, there needs to be an effort to control construction waste during the proses of construction. Waste Management Plan is one of the way to control the construction waste. In relation to the concept of lean construction, Waste Management Plan is expected to not only focus on the problem of material waste, but also needs to be seen in time loses, labour productivity and equipment that?s not effective and efficient. Questionner used to collect the data from the responden. Data analysis uses Structural Equation Modeling with tool SmartPLS. The result is shown by the matrix of impact-causes and pattern graphic of impact-causes relation.]