

KAJIAN PENERAPAN GREEN CONSTRUCTION PADA PROYEK GEDUNG DI KOTA BANDUNG (Novia Dwi, NRP 22 2014 149, Pembimbing Emma Akmalah S.T., M.T., Ph.D., Jurusan Teknik Sipil Fakultas Teknik Sipil dan Perencanaan Institut Teknologi Nasional Bandung)

ABSTRAK

Proyek konstruksi menimbulkan berbagai dampak terhadap lingkungan, sehingga perlu adanya perbaikan proses pembangunan yaitu pembangunan yang berkelanjutan. Tetapi penerapan green construction belum sepenuhnya dijalankan dalam setiap proyek konstruksi di Indonesia. Penelitian ini bertujuan untuk mengkaji penerapan green construction pada beberapa proyek gedung yang ada di Kota Bandung, sehingga dapat diketahui kendala penerapan green construction, dan dapat dianalisis apa saja strategi yang dapat dilakukan untuk meningkatkan penerapan green construction. Pengumpulan data dilakukan dengan cara penyebaran kuesioner, observasi, dan wawancara. Selanjutnya dilakukan analisis deskriptif dan analisis SWOT untuk merumuskan strategi peningkatan penerapan green construction. Hasil penelitian menunjukkan bahwa kontraktor BUMN 1 memenuhi kriteria dalam penerapan green construction sebesar 66,68%, kontraktor BUMN 2 sebesar 80,78%, kontraktor swasta 1 sebesar 58,50% dan kontraktor swasta 2 sebesar 55,74%.

Kata kunci: *green construction, analisis SWOT, strategi peningkatan*

STUDY OF GREEN CONSTRUCTION IMPLEMENTATION OF THE BUILDING PROJECT IN BANDUNG CITY, (Novia Dwi, NRP 22 2014 149, Emma Akmalah S.T., M.T., Ph.D. Civil Engineering, Civil Engineering and Planing Faculty, National Institute of Technology, Bandung)

ABSTRACT

Construction project cause various impacts on the environment, so the implementation of green construction is needed. However, the implementation of green construction has not fully implemented in many construction project in Indonesia. This research aims to assess the implementation of green construction on some buildings project in the Bandung city, so that it the constraints of the implementation of green construction can be identified, analyzed and then strategies can be developed to improve the implementation of green construction. Data collection is carried out by distributing of questionnaires, observations, and interviews. Then descriptive analysis and SWOT analysis were performed to formulate strategies to improve the implementation of green construction. The results showed that BUMN 1 contractors meet the criteria for applying green construction by 66,68%, BUMN 2 contractors by 80,78%, private contractors 1 by 58,50% and private contractors 2 by 55,74%.

Keywords: *green construction, SWOT analysis, improvement strategy*