

Analisis rekomendasi kebijakan sustainable manufacturing bagi usaha mikro, kecil dan menengah pada sentra industri logam di Kabupaten Tegal = Analysis recommendations of sustainable manufacturing policy for small medium enterprises SMEs on metal industrial district in Kabupaten Tegal

Endang Yuniarti, author

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Abstrak

Penelitian ini bertujuan mendapatkan usulan kebijakan sustainable manufacturing menggunakan cluster analysis method dan gap analysis berdasarkan variabel yang mencerminkan indikator sustainable manufacturing pada Usaha Mikro, Kecil dan Menengah (UMKM) pada Sentra Industri Logam di Kabupaten Tegal. Indikator tersebut meliputi indikator kepedulian lingkungan, pertumbuhan ekonomi, kesejahteraan sosial, kemajuan teknologi dan kemampuan manajemen. Pengklasteran menghasilkan cluster growth dan cluster mature. Rekomendasi kebijakan yang dihasilkan adalah pemberian insentif, penerapan punishment, pengembangan infrastruktur yang sustainable di kawasan industri, membangun sistem informasi industri hijau melalui pembentukan kelompok usaha dan pemberian kesempatan kelompok untuk berperan aktif, peningkatan kemampuan inovasi teknologi, melibatkan peran aktif lembaga pendidikan dan penelitian serta pengembangan, sosialisasi program dan pelatihan produksi bersih dan Standar Nasional Indonesia (SNI).
.....This research aims to suggestions of sustainable manufacturing policy, using cluster analysis method and gap analysis, based on selected variables that reflect indicators sustainable manufacturing at Small Medium Enterprises (SMEs) on Metal Industrial District in Regency of Tegal. This indicators include indicators of economic growth, social well-being, technological advance, performance management and environmental stewardship. The clustering produces cluster growth and cluster mature. According to the characteristic of the cluster, the resulting recommendations of policy is the provisions of incentives, applications of punishment, development of a sustainable infrastructure in industrial areas, building a green industrial information system through the establishment of business groups and giving the group the opportunity to play an active role, increasing the ability of technological innovation, involving the active role of educational institutions and research and development, socialization programs and training about cleaner production and National Indonesia Standar (SNI).