

Pengembangan Leadership System Berbasis ISO 56002 pada Perusahaan Pracetak di Indonesia yang Terintegrasi Lean Six Sigma dalam Rangka Membangun Budaya Inovasi = Development of a Leadership System Based on ISO 56002 in Prefabricated Companies in Indonesia that is Integrated with Lean Six Sigma in the Context of Building a Culture of Innovation

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Abstrak

Industri pracetak dan prategang adalah industri konstruksi berbasis manufaktur yang dari sejak masa awal pembangunan Indonesia sudah menunjukkan perannya dalam menghasilkan kualitas pekerjaan infrastruktur yang baik, cepat, ekonomis dan berkelanjutan. Namun beberapa penggunaan produk dalam negeri masih rendah, artinya masih banyak produk impor yang memenuhi pasar nasional. Disisi lain, para petinggi menjadi tersangka kasus korupsi mengindikasikan rendahnya kualitas kepemimpinan sehingga mengakibatkan kerugian negara. Untuk itu perlu dibangunnya budaya invoasi dengan cara pengembangan leadership system berbasis ISO 56002 yang diintegrasikan dengan Lean Six Sigma. Dalam pengolahan data, penelitian ini menggunakan metode delphi serta SEM. Hasil penelitian ini dapat memberikan masukan dan strategi pengembangan leadership system guna membangun budaya inovasi pada perusahaan pracetak di Indonesia. Hasil dari penelitian ini terdapat 10 indikator leadership system dari integrasi antara ISO 56002 dan Lean Six Sigma. Pengaruh integrasi antara LSS dan ISO sangat tinggi, sedangkan ISO terhadap budaya inovasi serta LSS terhadap budaya inovasi cenderung medium. Indikator yang paling berpengaruh terhadap budaya inovasi antara lain tujuan inovasi, kebijakan inovasi, pakar yang dikembangkan, serta integrasi orang, system, dan informasi.

.....The precast and prestressed industry is a construction manufacturing industry with the potential to produce high-quality, fast, cost-effective, and sustainable infrastructure since the early days of Indonesia's development. However, the usage of domestic products in the national market is still low, with imported products being more prevalent. Furthermore, the low leadership quality of high-ranking officials, who are suspects in corruption cases, has resulted in state losses. Therefore, it is necessary to cultivate cultural innovation by developing an ISO 56002-based leadership system inspired by Lean Six Sigma. In data processing, this research employs the Delphi method and SEM. The research's findings can provide valuable input and strategies for developing a leadership system that fosters a culture of innovation within precast companies in Indonesia. This research resulted in 10 leadership system indicators derived from integrating ISO 56002 and Lean Six Sigma. The integration's impact on innovation culture is high, while ISO's influence on innovation culture and Lean Six Sigma's influence on innovation culture are moderate. The most influential innovation culture indicators include innovation goals, innovation policies, expert development, and the integration of people, systems, and information.