

MODEL OF MIX-USED CENTRAL FEASIBILITY INVESTMENT MODEL SUPPORT FOR INCREASING LOCAL GOVERNMENT REVENUE

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Abstract

Sidoarjo District Government Data (2014) stated that the total number of Micro Small Medium Enterprises (SMEs) in Sidoarjo reaches 171,264 business units. There are micro business 154,891 units, small and medium enterprises 154 units, and for large businesses 16,000 units. This will certainly attract number of investment to build Sentra UMKM in Sidoarjo. Sidoarjo Regency Government will also take the initiative to increase local revenue, in addition to improving the performance of SMEs, but also by working with the Investors to utilise the Regional assets into Sentra UMKM. This study aims to develop Mix-Used Investment Centers Model in an area with Fuzzy Logic as a strategy to increase regional prosperity in the ASEAN Economic Community. The study was conducted in two stages, first stage is to perform technical and economic feasibility analysis of Sentra Mix-Used development of Public-Private-Partnership in East Java (Sidoarjo), continued Second stage is to develop model of Investor Sentra UMKM Mix-Used using Fuzzy Logic. The paper will describe the step taken on collecting data.

Furthermore, the paper will describe in the detail on the Fuzzy logic relationship. The outcome of the research would be a patent on the Fuzzy logic algorithm.

Keywords (12 font)

Fuzzy logic, Local government, Mix-Used, Investment, Sidarjo

Biographies

Include author bio(s) of 200 words or less.

Dr. Joko Suyono. He is currently a senior lecturer at Universitas Narotama. He graduated from IKIP PGRI and then continue his Master in Industrial management at ITATS. He completed his PhD at Kenney Western University in United States of America in Business Administration in 2010. He secured number of funding from Ministry of Higher Education and provided In-House training for his staff. He has written several books in Indonesia with management theme. Furthermore, he is also the IRCA Certified Lead Auditor ISO 9001:2008. Moreover, He hold several memberships of the association in Indonesia.

Agus Sukoco is currently a senior lecturer at Universitas Narotama. He graduated from ITS and continue his master degree on Management economy. He is currently is the Director finance of the research centre of Universitas Narotama. He had number of secure funding from Ministry of Higher education and also number of books published in Indonesia.

Dr. Suhermin is currently a senior lecturer at Sekolah Ilmu Tinggi Ekonomi Indonesia Surabaya. She graduated from economy from Universitas Merdeka Malang and continue her master in Management. She hold her PhD in Management from Universitas Brawijaya. She secured number of funding from internal funding and published number of International papers.

Dr.Dani Harmanto is currently the acting programme leader (course director) of BEng (Hons) Motorsport Engineering and senior lecturer in automotive Engineering at University of Derby. He had secured number of funding from UK and Local government for knowledge transfer partnership for developing a novel product. He obtained his mechanical engineering degree from ITN Malang, Indonesia. His MSc and PhD in Automotive Engineering from Coventry University, United Kingdom. He is also a Chartered Engineer (CEng). He is sitting in the committee of Education and Training at Institution of Engineering Designer (IED), United Kingdom as a member. He is also a member of the Automobile division at the Institution of Mechanical Engineering (IMechE), United Kingdom. In addition to this, he is a Fellow Member of Higher Education (FHEA) in the UK. He is mainly teaching at undergraduate and master level (Thermofluids, CFD, FEA and Design). His main research interests include computational fluid dynamics, finite element analysis, and renewable energy. His current research concerns the reduction of the jet noise using Computational Fluid Dynamics with one of the world announce jet engine manufacturer. He is a member of reviewers for Proceeding of Institution Mechanical Engineering part A – Z and several other journal publications.