ABSTRACT

Gunarso, Bagus. 2013. *Artificial Intelligence Development Center in Malang.* Supervisor Aulia Fikriarini Muchlis, M.T. and Agung Sedayu, M.T.

Indonesia is a developing country that is trying to solve the problem of socio-economic inequalities in society. Sectors of the country's biggest revenue comes from 80% of income taxes and excise administration. In accordance with the Budget report 2009/2010. Yet the challenge of 2010 as China Trade Agreement - ASEAN (China - ASEAN Free Trade Area, CAFTA) with this agreement, the goods between China and ASEAN countries will be independent in with the release rate to zero percent. Indonesian nation from time to time to move from Maritime Era, Agriculture Era and industrialization Era. The development of technology, information and communications (infocomm) as well as economic globalization has encouraged the development of required human to evolve creatively. For that much needed creative industries. Moreover, the creative industry is an industry with a renewable resource because it focuses on the creation of creativity.

According to the observations the authors concluded that 80% more technologies involving artificial intelligence or artificial intelligence in it. For the development of artificial intelligence (AI) or artificial intelligence in industry, have enough future prospects are very good. Some kinds of fields that use artificial intelligence, namely expert systems, natural language processing, speech recognition, robotics or sensor systems, computer vision, intelligent computer aid instruction. Artificial Intelligence Development Center is one of the solutions in fostering new creative industries in Indonesia. Aims as a center for scientific development of artificial intelligence, international forums, the central gallery, workshop, library, konference where issues related to the development of artificial intelligence technology in the world. Provide laboratories that support the development of science technology, especially related to artificial intelligence. It is also able to invite the public to be directly involved in its development.

Keyword : Artificial, Intelligence, Research, Smart, Building, Development, System, Center