

## **ABSTRACT**

# **INFORMATION TECHNOLOGY GOVERNANCE DESIGN OF ELECTRONIC BASED ON GOVERNMENT SYSTEM USING COBIT 5 FRAMEWORK DOMAIN BUILD, ALIGN, PLAN AND ORGANISE (APO)**

**(Study Case : Department of Communication, Informatics,  
Archive, and Library)**

by

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The Office of Communications, Information, Archives and Library of the city of Cimahi is a government agency that carries out government affairs and has duties in the fields of Communications, Information Technology, Statistics and Cryptography. It has a mission to improve the quality of the application of good governance through improved services, including information services, public communication services, statistical services and the enforcement of e-government. To achieve this mission the arrangement of good governance in the application of Electronic-Based Government Systems is required. In this research, an assessment of parameters of Electronic-Based Government System and COBIT 5 seven enabler of current conditions is conducted at The Office of Communications, Information, Archives and Library. Based on the results of the assessment several problems were found, such as the absence of policies governing IT governance, the making of work agreements, and the absence of applications that support the IT governance process. The design of IT governance uses the COBIT 5 framework focusing on APO01 Manage the IT Management Framework, APO06 Manage Budget and Costs, and APO07 Manage Human Resources. From the findings it can be concluded that The Office of Communications, Information, Archives and Library of the city of Cimahi requires the design of good IT governance as well as increasing the maturity value of the Electronic-Based Government System. The results of this study are recommendation people, recommendation process and recommendation technology that is a document design that can be applied to The Office of Communications, Information, Archives and Library of the city of Cimahi.

*Keywords: IT Governance, COBIT 5, domain APO*