

CHAPTER V

CONCLUSSION AND RECOMMENDATION

5.1 Conclusion

This paper is research of Digital Transformation Project of ASEAN Secretariat with Digital Preservation Coalition Rapid Assessment Model approach that using 11 dimensions organization viability, policy and strategy, legal basis, information technology, continuous improvement, community, ingest, bitstream and content preservation, metadata management, discovery, and access.

According to study and assessment of ASEAN Resource Center system, there are 9 dimensions that having gap between current level and future level to be achieved, they are organization viability, policy and strategy, information technology, continuous improvement, community, ingest, bitstream and content preservation, metadata management, which have average gap from Basic to Managed level. The organization viability and metadata management has more mature condition compared to other dimension regarding what are already in place but need to support by system that can providing Workflow Approval feature, to make sure that content of collection checking is valid with real time process. The overall system needs to be supported by agile infrastructure with high Cybersecurity level regarding the classified archives of collection.

To achieve the future level need contributions from whole organization members not only the in-charge division, regarding to the long-term accessible system and credibility of information that can be use broader for improving the awareness of ASEAN. The organization infrastructure also can be acknowledged as an agile system, that can gain working productivity and as good benchmarking International Organization, especially related to manage security of the classified collection.

As determined on the financial aspects, this project is beneficiaries to be implemented due to there is Return of Investment on the 4 years of implementation with positive value of 299,701,450.6 and should be a strong justification subject to

budget matter. The development plan of staff of the organization also can be a good strategy for the future, that can contribute to the improvement of skill measurement of ASEC to be developed more.

5.2 Recommendation and Future Study

The organization can prove maturity of the system by using DPCRAM and might use a more complex digital maturity model to measure such as Digital Preservation Capability Maturity Model (DPCMM) on improving of future system regarding to the technology. Policy and procedure will be more manageable and consider reviewing by regular time and develop more according to the use of the integration system of ARC.

Recommendation for this study on the future is to determine more detail on many new technologies that already mentioned here such as Digital Rights Management (DRM), Digital Archive Preservation with the scheme and supporting infrastructure to be determine further. The enhance of Data Mining, usable of Electronic Resources Management, and Encryption of DRM Protected Content, also about storage co-location that also can be consider for this development system, to make the integration system can be stronger.

The improvement of digital roadmap for the future can be reviewed and evaluated, to make sure that the process is still reliable, can be a measurement of business continuity and change management for the organization to be more considered as priority.

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