Although there has been significant research on information and communication technology (ICT) project success, but there are still gaps around this field. Thus, further understanding to ensure level of the project success is still required in both theory and practice. The ultimate aim of this study is to develop a coherent success factors framework for helping ICT project managers to deal with the complexity of the project dimensions which have influenced the shaping of project success. This paper presents one of its results. The four consideration points of the framework development are: first, based on a comprehensive success definition as guidance for measuring the critical connection between the success criteria level and the CSFs level; second, integrating coherently the five project dimensions for capturing the high content validity; third, presenting the alternating critical connection between the project success definition and the CSFs determination; lastly, adopting the project stakeholder perceptions from multiple levels of an ICT project organization's environment. The result is a coherent framework that combine the five ICT project dimensions and success perceptions of the stakeholders. However, it is a proposition concept, but this proposed framework is reasonable in the context for exploring new understanding in ICT project environment.

Keywords: ICT, project, success factors; dimensions;

**BACKGROUND**

The immature indications of the ICT project performance studies:
1. The high failure levels;
2. The success definition disagreements;
3. The different needs for each countries and industries;
4. The partial dimension use;
5. The used different CSFs determination method.

**PROBLEMS**

1. How to identify and understand the ICT project dimensions that affect its success?
2. How to develop a coherent framework for understanding ICT project environment?

**PURPOSES**

1. To identify and understand the ICT project dimensions that affect its success;
2. To develop a coherent framework for understanding ICT project environment.

**OBJECTIVES**

1. To identify the ICT project dimensions that affect its success based on the stakeholder focuses;
2. To understand relationships among the dimensions in a coherent concept;
3. To develop a coherent framework that represents the dimensional project.

**METHODOLOGY**


**LITERATURES**

**Project Dimensions**

| Resources | De Wit (1988); Belasi & Tukel (1996); Atkinson (1999); Hees (2002); Judgev & Muller (2005); Ghapanchi & Aurum (2012). |
| Systematic | DeLone & McLean (2003); Peter et al. (2008); Urbach & Muller (2012). |
| Managerial | Wateridge (1998); Hartman & Ashrafi (2002); Bryde (2003); Judgev & Muller (2005). |
| Directional | Westerveld (2003); Prabhakar (2008); Remus & Wiener (2009); Howsawi et al. (2011). |
| Environmental | Lim & Mohammed (1999); Howsawi et al. (2011); McLeod & MacDonel (2011). |

**PUBLICATIONS**