

## **CHAPTER5**

### **CONCLUSIONS, SUGGESTIONS AND PROSPECTS**

#### **5.1 Conclusion**

Enterprise project management is an important part of enterprise management and also an important action for the sustainable development of enterprises. At present most of the enterprises, especially some small and medium-sized enterprises, for the Six Sigma management method in the application of project management has some error, lead to enterprise in the process of implementing Six Sigma project go a lot of detours, can't achieve the target very well, cause a lot of Six Sigma implementation failure. If the enterprise can have a good implementation process and method in the Six Sigma project management, it will help the enterprise to improve the overall project management and operation level to a great extent. In this paper, the Six Sigma project management model is analyzed and discussed to further enrich and improve the Six Sigma project management model and process.

The conclusions of this paper can be summarized as follows:

(1) In introducing the basic concept of Six Sigma management, the DIAMC process of Six Sigma project management and its related implementation process are emphatically analyzed.

(2) On the related concepts of project management, the paper focuses on the evaluation and selection of lean Six Sigma project, as well as the advantages and importance of project management.

(3) After the analysis of Six Sigma management and project management, this paper deeply studies the application of Six Sigma in project management process, through the analysis of DMAIC tools, to achieve Six Sigma project management enterprise provides a good reference.

(4) Based on the background of Lenovo group, the Six Sigma project management and the carrier, application analysis tools and methods, this paper analyzes the Lenovo group in Six Sigma project management theory to explore, and through practical project cases, choose from project evaluation, project implementation process is discussed at the end of the project control of specific tools and methods, with strong practical application value.

All in all, this paper through to the Six Sigma management in project management's assessment of the selection, implementation process, performance management to do the thorough research and the elaboration, for the future may apply Six Sigma management method in the project management of enterprises to provide effective references and good sense.

## **5.2 Suggestions and thinking**

Throughout the entire process of Six Sigma management and project management, the quality, schedule, and investment control in project management are easy and more appropriate applications for Six Sigma management. Quality requirements in these areas are clear, and process data is easy to measure. However, the goal of both is consistent, which is to satisfy the customer.

Six Sigma way is a methodology that derives from customer needs and continues to create value and continuous improvement for customers. Demand, value stream, and continuous improvement are the core concepts of Six Sigma theory. Completion of a good project often involves cross-departmental cooperation. Therefore, not only must each business department pay sufficient attention to it, but also management must give sufficient resources to support it. The implementation of Six Sigma management also requires such conditions. Therefore, the attention and support of the leadership is the key to the success of Six Sigma. Companies that have successfully implemented Six Sigma, when summarizing their experiences, have mentioned without exception: The support of the top leaders is the key to the success of Six Sigma. Of course, implementing Six Sigma management methods in project quality management must also be supported by project managers or higher level leaders. The leadership must assist the team in creating an atmosphere in the company that helps the team work effectively and provide team members with certain professional training to help them have the ability to solve problems.

The project activity itself is a transient process, one by one, that incorporates project management methods into the implementation of Six Sigma management. The project management methodology as a Six Sigma management application tool has enabled many Six Sigma teams to achieve outstanding performance. However, applying the Six Sigma management method to various projects is difficult to break through the constraints of the stability of the process and data requirements. For example, the construction companies and software companies with relatively weak

foundations can only use the data and the lack of standardization. Some tools in Six Sigma management methods fail to achieve significant financial results. Therefore, the application of Six Sigma management methods in project management requires that the company achieve a certain degree of project management maturity.

### **5.3 Expectation**

There is no doubt that Six Sigma project management is a very large system, and many issues still need to be further studied and explored. The following issues are to be further solved and studied:

(1) The DMAIC analysis tool of Six Sigma has certain limitations. How to do some innovative exploration in the case of extension of Six Sigma project management still needs further analysis.

(2) Extensive use of Six Sigma project management, how can it be applied in other areas and its application defects and improvement measures, remains to be further studied.

(3) In the future of the wave of mobilization, how to better use the Internet and mobile applications to innovate the Six Sigma project management model and improve the efficiency of Six Sigma project management remains to be further explored.

Especially on the basis of the development and extension of Six Sigma theory, because of the lean production in recent years, Six Sigma will play an increasingly important role in the future of corporate project management, and the role it plays will become more and more important.