CHAPTER 6
CONCLUSIONS
AND
IMPLICATIONS
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6.1. Conclusions

6.1.1. Chemical Industries actively implement all types’ internal environment management and cleaner productions sides of GSCM implementation. They also implement number of other GSCM external activities like investment recovery, green procurement etc. Concepts like supplier education and supplier selection of GSCM are still far away from implementation. In terms of GSCM implementation there is lack of knowledge sharing and experience sharing with the suppliers and customers. Because of which there is lack of external cooperation and diffusion.

6.1.2. It will take some time to turn awareness of GSCM and pressures to implement GSCM into practice. Chemical Industries are more concentrating on internal environment management and cleaner productions sides of GSCM implementation. From the study it can be seen that most of the Indian organizations including various chemical industries have increased the environmental awareness due to regulatory, competitive, and marketing pressures and other drivers.

6.1.3. GSCM is still in its infancy stage in chemical industries in Gujarat, they have recognized its importance, but have lagged in the implementation of these principles fully into practice. It is not clear what the barriers are for this, but the lack of necessary tools, management skills and knowledge, and most likely the lack of economic justification in terms of performances are the barriers. Therefore even with higher awareness and pressures of GSCM implementation. This awareness has not translated to into strong GSCM implementation.

6.1.4. After the both exploratory and primary research it was observed that the Indian chemical industries are feeling multiple pressures and drives to respond to the environmental needs. They are also responding with multiple and diverse set of actions of Green Supply Chain initiatives. They large scales Industries are
taking many innovative steps towards implementation of green supply chain management and practicing environmental sustainability. Most of the Industries are at still at very beginning stage but the continuing pressures from all the major drivers will make them realize the need to implement and advanced the GSCM initiatives.

6.1.5. As initial survey had revealed that the Small Scale Industries (SSI) does not have much awareness about the green supply chain management practices. There is almost negligible implementation of GSCM in SSI Units because of unavailability of required funds for the initial investment for Green activities implementation in supply chain. Overall this study provided the additional insights into the growing field of the relationships between environmental drivers and practices and performances. Only the large and medium organizations have recognized the need of implementing the green supply chain management initiatives others have lagged in the implementation of these principles into practice. This study is only one of few efforts to investigate green supply chain management practices in chemical industries. Thus, the investigation and its findings are still relatively exploratory. It is expected that the as time progresses the relationships between the increasing pressures and nascent GSCM practices will become clearer in arriving the results we must mention the presently the research is concentrated only to large and medium chemical industries and factory units in Gujarat state.

6.1.6. Future research can try out new relationships, including mediating and moderating relationships, that may exist between various items and factors we have identified. A more broadly based random sample study across India would also provide a better picture of these GSCM practices and what is going on throughout India in field of green supply chain management.
6.2. Implications

6.2.1. GSCM experiences among the large chemical industries can be disseminated to small and medium industries as the large industries are the pioneers in chemical industries for GSCM.

6.2.2. Future study can be done cased base study focused on one or more chemical industries studies can be done in other part of the country as well.

6.2.3. Longitudinal research can be done to find the impact of actual GSCM implementation on Organizational performances.

6.2.4. Future research can be done to identify the various mediating and moderating interrelationships that may exist between the explored factors or variables identified by us.

6.2.5. A broader sample across India can give the better picture of these practices throughout India. There is a need for further research on the monetary benefits of GSCM which need to be quantified more.

6.2.6. In view of the increasing cost pressure on supply chain, companies often decide against sustainability investments, for the financial success of such investment as always to some degree uncertain.

6.2.7. A common consensus regarding GSCM makes it easier for cooperating companies to reach agreements on common objectives of GSCM implementation. win - win situations are still possible if GSCM practices are seriously given some consideration at national and organizational level.

6.2.8. Companies should strive for a better understanding of the sustainability criteria that influence customers’ product selection decision. Supply chain should then try to meet these criteria and communicate this more effectively to the customers for example by means of common advertising which highlights the joint green activities of the supply chain partners in field of GSCM.