

and materials flow speed. How the communication between entities of the supply chain is made, is crucial for the supply chain competitiveness. All these innovations are possible due the structure of the high-technology application. One of the conclusions of this study is in line with GTAI (2014) “in Industry 4.0 supply chains will evolve into highly adaptive network”. Supply chains will be more flexible and with more visibility.

With the application of the requirements of the Industry 4.0 in the different industry sectors, future research is required. For example, understand which lean and green supply chain characteristics are more important on the Industry 4.0 concepts implementation (in different sectors of industry); or the priorities of lean and green characteristics implementation in the Industry 4.0. In this new era of industrialization, it is expected that lean and green supply chain management will have better opportunities to be performed.

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