Strategic planning for improving the Statistical Register Systems of Manufacturing Industries in Iran

Alireza Rezaee¹, Saeed Fayyaz²

Abstract: Manufacturing industries’ statistics is one of the critical and important factors for national planning and developing in every country. Beside, According to the Sustainable Development Goals (SDGs), the role of manufacturing industries has been highlighted in the parts 9, 11 and 12.

Furthermore, providing manufacturing industries’ statistics in high quality, accuracy and availability in an appropriate time need to provide some issues like the capacity building and the coordination in the national level. These issues are necessity to develop register-base systems. One of the remarkable challenges that this systems face with, however; is diversity of existing resources of data registering systems as well as poor maintainability of such a manufacturing register systems. As a result, utilizing of mentioned capacities and potential opportunities for sustainable development in manufacturing sector underline the integrated programming and strategic planning as a vital necessity.

Regarding to the official role and constitutions’ law of Iran, Statistical Center of Iran has appointed as the main responsible to design, implement, develop and support the integrated statistical register systems in Iran. Statistical Register System of Manufacturing Industries (SRSMI) is one of the basic and critical register systems which try to integrate different register systems and data sources of manufacturing and establishments. There are 12 fundamental register systems as well as more than 20 sub-systems related to SRSMI in Iran which gather data in both governmental and private sectors. These register systems have different structures, various types and a wide range of variables which had been defined based on goals and functions of their organizations’ mission and utility.

In this study, regarding to the SRSMI circumstances, availability, accessibility, maintainability, reliability and functionality, an integrated strategic plan for SRSMI has been proposed. Moreover, other elements of strategic plan such as mission, SWOT matrix (Strengths, Weaknesses, Opportunities, and Treats) has been introduced for developing the SRSMI and then strategies proposed. In the next steps, different executive plans, functions, and programs (Short-term and mid-term programming) as well as tasks structure proposed. The experiences of this study can be beneficial for all managers and decision maker in other countries.

Keywords: Strategic planning, SWOT Matrix, Manufacturing Industry Statistical Register System, Database network, establishments, production companies

---

¹ General director, Industrial, Mining and infrastructure office, Statistical Center of Iran (SCI) A_Rezaee@Sci.org.ir
² Corresponding author: Industry Statistical expert, Industrial, Mining and infrastructure office, Statistical Center of Iran (SCI)
Email: S_Fayyaz@sci.org.ir