

INNOVATION SOURCES OF KNOWLEDGE FOR IT STANDARDIZATION INITIATIVES

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Abstract: *This paper presents a comparative analysis of global (ISO/IEC) and local (SRPS) sources of knowledge in PDCA (Plan–Do–Check–Act) loop quality, with the ability to monitor innovation intensity in the standardized fields Information Technology (IT). The study refers to standardized fields of the first level of International Classification for Standards (ICS) grouped in clusters of innovation. The paper focuses on the latest trends in the sources of knowledge and trend lines of certain standardized fields of higher (daily) intensity of innovation in the fields: ICS1 = 25 Manufacturing engineering, ICS1 = 33 Telecommunication and ICS1 = 35 Information technology. The aim is to monitor the intensity of knowledge innovation, trends, sources of knowledge for IT standardization initiatives and update the Knowledge Base (KB) for quality improvement on standardization platform.*

Keywords: *Sources of Knowledge, Information Technology (IT), Knowledge Base (KB), Innovation, Standardization*