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Transfer of Knowledge Management Methods and Tools to and from the Nuclear Industry

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The discipline of the knowledge management was firstly introduced in Japan by the leading technology companies like Toyota, Canon, Honda, Mitsubishi, Sharp and others. It means outside the nuclear industry. The nuclear industry organizations including the IAEA started to deal with the knowledge management about ten years later and adapted those approaches, methods and tools developed and used in other industry organizations. After more than fifteen-years of its programmatic existence of the nuclear knowledge management in the IAEA, the trend is turn round in many topics. The nuclear industry organizations have more and more good practices to share with other industries. Meanwhile the world leading companies working in a quickly changing market environment are still developing and using KM practices which can be useful also in the “slowly-changing” nuclear industry environment. In this article we would like to pay attention - through some examples - to the importance of the benchmarking with companies outside the nuclear industry for the further safe and reliable operation of nuclear facilities and to educate and train the next nuclear generation.

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