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PROFESSIONAL RISK ASSESSMENT USING KNOWLEDGE BASES IN SMALL AND MEDIUM ENTERPRISES

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Abstract

Because today in the European countries a large majority of the companies are small and medium-sized enterprises (SMEs) and a very significant number of the European Union employees work in these companies there are an important need for risk estimation software tools dedicated to this economic environment. The SMEs research development activities, products development, new technologies implementation, etc., imply knowledge and assumption of multiple risks. As a result of a new product development in SMEs economic environment paradigm, we focus on in this paper on knowledge bases (KBs) built and used for professional risk assessment (PRA) as part of risk management process (RMP).

Key words: hazard, knowledge base, risk assessment, risk management, SME

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