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e-SPiR: a Semantic Process-oriented Interoperability platform for innovation R&D e-procurement

Abstract

The EC is accelerating activities to increase the level of Green Public Procurement in all Member States: Public Authorities are called to integrate new environmental criteria into all stages of their procurement process, by seeking and choosing outcomes and solutions that have the least possible impact on the environment throughout their whole life-cycle.

e-SPiR project intends to join initiatives around the creation of linked data-compliant representations of information regarding tender management in Europe, properly focusing on placing such representations within a suitable legal and financial context. E-SPiR will be a semantic platform based on domain ontologies supporting the identification of legal concepts and, more generally, boosting legal reasoning among procurers. E-SPiR will also be a strong e-procurement and financial platform, allowing its users to simulate, to create and to manage new R&D tenders (PCP and/or PPI), at the same time providing tools to manage life cycle costing as a key to decision-making and other strategically advantageous decisions, and integrating a scientific approach to risk analysis in order to control risks associated to innovation procurement and its often-changing criteria and laws.

E-SPiR is a powerful workflow-driven process-oriented platform, constantly supporting the users across PCP/PPI complex procurement processes and filling their lack of specific knowledge, at the same time allowing full compliance with CEN/BII standards and interoperability with major Pan-European platforms (such as Peppol) through lightweight web services, thus aiming at creating a new reference model for innovative R&D Public Procurement across EU.

Call information:

[Energy Efficiency - Market Uptake](#) H2020-EE-2014-3-MarketUptake -Sub call of: [H2020-EE-2014-2015](#)

Deadline Date 2014-06-05 17:00:00 (Brussels local time)

Total Call Budget €42,500,00

Topic: Public procurement of innovative sustainable energy solutions - EE-08-2014

Project Budget: around 1MEuro

Project Duration: about 3 years