



## **ABSTRACT OF WORKING PAPER 3.14**

### **KNOWLEDGE CREATION IN EUROPE ALONG TIME: INDIRECT IMPACT OF HIGH-SKILLED WORKERS MOBILITY AND RESEARCH NETWORKS**

**May 2013**

The aim of this paper is to investigate the relative contribution of different features of the local labour market for inventors on regional patenting, both direct and indirectly. By means of a knowledge production function and a sample of 276 European regions, in a first part of the paper we assess whether local labour mobility of inventors, as well as their collaborative research networks, correlate with innovation outcomes. In the second part of the paper, we extend the analysis to the role of inventors' mobility and research networks allowing for higher returns of knowledge endowments on regional innovation, what we consider to be an indirect impact of these highly-skilled labour mobility and their research networks on patenting activity.