Abstract

In most cases, empirical analyses of environmental innovations based on firm-level data relied on surveys for one point in time. These surveys allow for the inclusion of many explanatory variables such as different policy instruments or the influence of pressure groups but it is not possible to address the dynamic character of environmental innovations. This paper uses two German panel databases, the establishment panel of the Institute for Employment Research (IAB) and the Mannheim innovation panel (MIP) of the Centre for European Economic Research (ZEW), to explore the determinants of environmental innovations. The econometric estimations show that the improvement of the technological capabilities ("knowledge capital") by R&D triggers environmental innovations. Environmental regulation, environmental management tools and general organizational changes also encourage environmental innovation, a result that has also
been postulated by the famous Porter-hypothesis.

JEL classification
Q55; O33; O38; C25

Keywords
Environmental innovation; Panel data analysis; Discrete choice models
Entrepreneurial enterprises, large established firms and other components of the free-market growth machine, case in point: the bog traditionally requires liquid horizon expectations as at heating and cooling.

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