

R&D AND INNOVATION ACTIVITY OF THE EU CHEMICALS

Tomislav Galović
University of Rijeka
Faculty of Economics
Ivana Filipovića 4,
51 000 Rijeka, Croatia
tgalovic@efri.hr
Phone: +38551355155

Heri Bezić
University of Rijeka
Faculty of Economics
Ivana Filipovića 4
51 000 Rijeka, Croatia
bezić@efri.hr
Phone: +38551355148

Petra Adelajda Mirković
(Corresponding author)
University of Rijeka
Faculty of Economics
Ivana Filipovića 4
51 000 Rijeka, Croatia
pmirkovi@efri.hr
Phone: +38551355137

ABSTRACT

This article analyses R&D, innovation and foreign trade activity of the chemical industry in the selected EU Member States. The paper examines the period from 2005 to 2013. The methodology is based on the application of key indicators in order to provide objective conclusions on work productivity and effectiveness of chemical production and production of basic pharmaceutical products and preparations. The aim of this research is to analyse the European chemical industry from the aspect of R&D and innovation activity. The main research results include R&D, innovativeness, foreign trade activity results, the rank of technological position of the European chemical industry, and recommendations and proposals for enhancing innovation and international competitiveness.

Keywords: chemical industry, innovation, R&D, EU, international competitiveness

Authors biography:

Tomislav Galović is employed as an assistant professor at the Faculty of Economics, University of Rijeka. He is author of several book chapters, various scientific and professional papers, participating in various domestic and international Scientific Conferences. The titles of papers can be found on the web site <http://bib.irb.hr/lista-radova?autor=310381>. His work has been published in A1 journals in Croatia, as well. His main research interest areas are international and domestic competitiveness of the enterprises, international business international economics, economics of innovation, and business and international negotiation.

Heri Bezić is Full Professor in the Department of International Economics at the University of Rijeka, Faculty of Economics. He served as a Dean at Faculty of Economics from 2010 until 2016. He is a president of the Committee on the Budget at the University of Rijeka. During his academic career he participated and organized conferences, published several scientific papers and mentored various final thesis. His research interests lie in the area of international business, international trade, competitiveness of the enterprises and economics of innovation.

Petra Adelajda Mirković is a Teaching Assistant at the University of Rijeka, Faculty of Economics. She covers the area of International Forwarding and Logistics and Economics of Transport and Maritime Affairs. Her major research interest lies in the field of spatial economics, transport, logistics and regional development. She is a doctoral student at the Faculty of Economics in Rijeka. She was involved in the implementation of the project funded from ESF - Croatian Qualification Framework. She participated several conferences in the field of education, accreditation and science.