Utilizing Technology Transfer to Develop Small and Medium Enterprises

Edited by

Eugenia Bulumac
Mechanical Engineering and Research Institute, Bucharest, Romania

and

Richard A. Bendis
Kansas Technology Enterprise Corporation, Topeka, KS, USA

IOS Press
Amsterdam • Berlin • Oxford • Tokyo • Washington, DC

Published in cooperation with NATO Scientific Affairs Division
Contents

Preface v
List of Participants vii

Session I. Major Recent Trends in the Technology Transfer and Innovation Resulting from Economic Globalization
The Kansas Science and Technology Initiative, R.A. Bendis 3
Market Globalization and Technology Transfer. How to Promote and Develop Links in Romania, E. Bulumac and A. Apostolina 17
Building a Knowledge Region, P. Formica 49
Business and Innovation Centre Bratislava: A Contribution to the Innovation and Technology Transfer in Slovakia, S. Vratny 60
Regional Innovation, Clustering and the Growth and Development of Small and Medium Sized Enterprises, J. Mitra 68
How to Restart Innovation Centers and Technology Transfer after Kosovo, S. Miloshevski, E. Angelovska and B. Spasovska-Gerasimovska 81
Engendering a Technology Transfer Culture in Eastern States, J. Knight 89
Converting a Research Institute to an Innovation Center, J. Stabulnieks 97
Barriers for the Development of Small Innovative Enterprises in Transition Countries, A. Slonimski 107

Session II. Tools of Technology Transfer - Programmes, Initiatives, Experiences
Technology Transfer - A Tool to Promote Innovation and Cooperation between Science and Industry, H. Fiedler 119
Define Unique Activities for SMEs through Transfer Technology, D.A. Axinte and H.L. Axinte 129
U.S. University Technology Transfer: Experiences and Tools for Success, T. Young 140
Tartu Science Park - Tool for Technology Transfer from University, M. Karelson 151
Experience in Technology Transfer and Small and Medium Enterprise Development in Poland, K. Zasiadly 154
Small Business Development and Technology Transfer at Closed Military Bases in the United States of America, T.F. Shea 164
Development of Model and Tools for Technology Transfer, J. Horak 167

Session III. Technology Transfer: Key to Create an Innovative Society
Reform of the R&D Sector and the Creation of the Innovation Infrastructure in Republic of Moldova, V.N. Ciumas 175
International RTD and Technology Transfer Co-operation between the EU and CEE (Central and Eastern European) Countries – Experiences of FEMIRC Hungary, G.D. Nyerges 182