This publication is part of an ongoing series highlighting some of the results of the UNECE Subprogramme on Economic Cooperation and Integration. The objective of the Subprogramme is to promote a policy, financial and regulatory environment conducive to economic growth, knowledge-based development and higher competitiveness in the UNECE region.

It covers different thematic areas related to this objective including innovation and competitiveness policies, entrepreneurship and enterprise development, financing innovative development, public-private partnerships for domestic and foreign investment, commercialization and protection of intellectual property rights.

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE Enhancing the Innovative Performance of Firms Policy Options and Practical Instruments CES MERINILI UNITED NATIONS

# United Nations Economic Commission for Europe

# ENHANCING THE INNOVATIVE PERFORMANCE OF FIRMS:

# POLICY OPTIONS AND PRACTICAL INSTRUMENTS



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#### **FOREWORD**

Innovation in the modern economy emerges from a continuous interaction between firms, their suppliers and buyers and external actors like universities or research and development organizations. Firms are not isolated in their innovation activities but rather perform them in networks and these activities are highly dependent on the external environment at the sectoral, regional and national levels. The new models of innovation emphasize the collaborative relations among innovation stakeholders as a source of competitive advantage for the firms.

At the same time, commercializing an innovation is a very difficult process, especially for start-up innovating entrepreneurs who face numerous barriers in the financing, technological, managerial, regulatory, administrative and other spheres. The main role of public policy in this regard is to establish a conducive environment that supports innovating entrepreneurs in bringing their innovation to the market. This includes both direct and indirect support through various public agencies but also public support for the establishment of private innovation support institutions.

The main objective of this publication is to provide an overview of policy options and practical instruments that can help in fostering the firms' innovative performance. It draws on policy experiences and good practices in the UNECE member States aimed at supporting firms' innovation activities and develops further the results already contained in other recent publications prepared in accordance with the Programme of Work of the UNECE Committee on Economic Cooperation and Integration. It addresses issues such as the importance of framework conditions for enhancing the innovative performance of firms, the role of industry-science linkage as well as various options of boosting the efficiency of innovation support institutions.

The review of policy options and practical instruments presented here aims to contribute to improved level of policymaking and more efficient practices in promoting knowledge-based development and technology-based catching up. It is oriented not only towards policymakers dealing with innovation policy, but also towards a wide range of practitioners responsible for the promotion of innovation. I hope that this publication will contribute to the dissemination of good practices in fostering the firms' innovative performance as well as to improved knowledge and practical skills of innovation stakeholders and policymakers.

Ján Kubiš

**Executive Secretary** 

United Nations Economic Commission for Europe

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# **CONTENTS**

I.		POLICY OPTIONS AND INSTRUMENTS TO SUPPORT FIRMS' INNOVATION PERFORMANCE: AN OVERVIEW				
		cutive Summary				
	A.	Why firms' innovation activities may need external support				
	В.	Spurring the innovation process at the firm level: key issues and actions				
	C.	The broader picture: The innovation system				
II.		CREATING SUPPORTIVE FRAMEWORK CONDITIONS FOR				
		HANCING THE INNOVATIVE CAPACITY OF FIRMS				
		cutive Summary				
	A.	The importance of framework conditions				
	B.	Local and regional dimensions				
	C.	The role of the business environment	33			
III.	STRENGTHENING INDUSTRY-SCIENCE-EDUCATION LINKAGES					
	Exec	cutive Summary	51			
	A.	Identifying industry-science linkages and the forms of public support	52			
	B.	Supporting industry-science linkages at different stages of the innovation				
		process	57			
IV.						
	INSTITUTIONS					
		cutive Summary				
	A.	Innovation support institutions and firms' innovation activities				
	В.	Business incubators				
	C.	Science and technology parks	93			
	D.	Innovation clusters	105			
		ANNEXES				
	ANI	NEX I. Open Innovation Diagnosis Tool	129			
	ANI	NEX II. Policy Recommendations for the Stages of the Cluster Life Cycle	137			

# LIST OF TABLES

Table 1.1.	Innovation style at different stages of the firm	10
	Closed innovation versus open innovation principles	
Table 1.3.	The benefits of collaboration	12
Table 1.4.	Options for improving the functioning of an innovation system	16
	Typologies of industries and needs/demands of services	
	in the innovation process	38
Table 2.3.	Basic principles in the organization and delivery of business services	40
Table 2.4.	Principles of designing tax incentives for R&D in firms	42
Table 2.5.	Direct funding and tax incentives for R&D	46
Table 2.6.	Taxonomy of types of support for early-stage companies	48
Table 3.1.	Different categories and forms of industry-science relations	56
Table 3.2.	Industry-science relations (ISR) and the institutional setting	
	in public science	
Table 3.3.	Responsible Partnership Guidelines for Collaborative Research	62
Table 3.4.	The types of technology that lead to spin-outs or established firm licenses	67
Table 3.5.	Models of spin-outs and activities of public research organizations	
	in Europe	
Table 4.1.	Types of innovation support institutions	79
	Performance evaluation: definition of key evaluation issues	90
Table 4.3.	Performance evaluation: Definition of key performance evaluation	
	indicators	91
Table 4.4.	Checklist of main questions to address before starting an incubator or	
	during its performance evaluation	92
Table 4.5.	Four science park models: Main features	95
Table 4.6.	Profile of a typical North American university research park	98
Table 4.7.	An illustrative framework for cluster monitoring, benchmarking	
	and evaluation	125
	LIST OF FIGURES	
Figure 1.1	. Driving forces of innovation	7
	Structure of the national innovation system	
	Eligibility of UK companies for R&D tax incentives	
	Funding requirements lifecycle	
_	How the public and private sector can join forces in support of innovation	

### LIST OF BOXES: KEY CONCEPTS AND ISSUES

Box K1.1.	Why is innovation important?	5
Box K1.2.	Incremental and radical innovation	6
Box K1.3.	Public-private partnerships for innovation	16
Box K1.4.	The public sector role as coordinator	17
Box K1.5.	Innovation Agencies and Innovation Councils	18
Box K2.1.	Entrepreneurship as a driver of innovation	23
Box K2.2.	Are local factors still relevant?	23
Box K2.3.	Codified and tacit knowledge	30
Box K2.4.	What is R&D and why it matters?	41
Box K2.5.	Addressing bottlenecks in early-stage financing	47
Box K4.1.	What is a business incubator?	80
Box K4.2.	Pre-incubation	86
Box K4.3.	Measuring the performance of institutions	
	and the effect of policy interventions	89
Box K4.4.	Different definitions of science parks	94
Box K4.5.	The main features of innovation clusters	106

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