



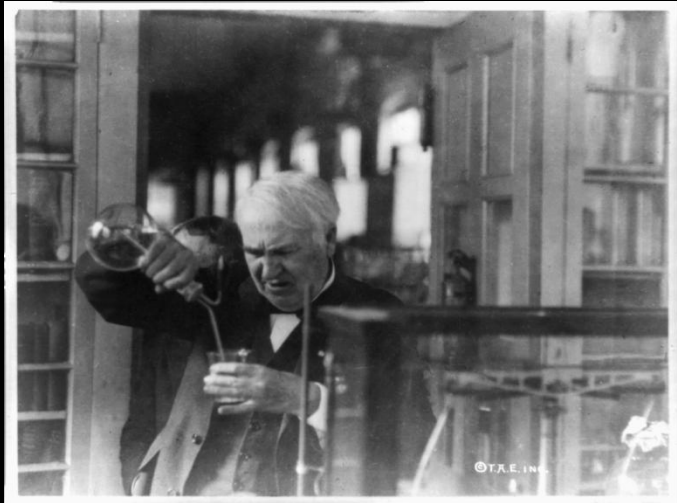
# **WIPO Capacity Building Activities in Transition and Developed Countries and the WIPO Study on the Economic Aspects of Intellectual Property (IP)**

*Bratislava, May 6, 2014*

Mr. Ryszard Frelek, Department for Transition and Developed Countries (TDC), World Intellectual Property Organization

“There is a way to do it better.....”

.....- find it!”



Thomas Edison (1847-1931),  
entrepreneur, inventor

## Overview:

- What is the World Intellectual Property Organization and what does it do?
- What are the WIPO Studies for Countries in Transition?
- What is the WIPO Study on Economic Aspects of IP in Countries in Transition?

**World Intellectual Property Organization.....**

- Specialized agency of the United Nations
- 187 Member States (more than 90% of countries in the world)
- Mission is to lead the development of a balanced and effective international intellectual property (IP) system that enables innovation and creativity for the benefit of all
- Department for Transition and Developed Countries

## Support:

- Provide to Member States assistance and advice for the development and implementation of national IP/innovation strategies
- Organize workshops/trainings on various aspects of IP
- Manage and enhance global IP services
- Develop WIPO studies for countries in transition
- Conduct annual statistical survey on IP activities worldwide
- Present IP statistics through reports, country profiles, and the Statistics Data Center
- Chief Economist

## Publications:

- Global Innovation Index
- World Intellectual Property Report



## Cooperation with Slovakia:

- *Project on Raising Awareness on Intellectual Property in Slovakia 2012-2013*
- Colloquium with High Level Members of Government of Slovakia and Business Sector Promoting the Understanding and Seeking Support for the Use of IPRs for Economic Development, June 25, 2012
- *Regional Seminar on Strategic Use of the Hague System*, Technical University in Zvolen, November 21, 2013
- National Seminar on IP for Universities, November 2014
- Support for the Mobile Exhibition on At Home with IP, 2014

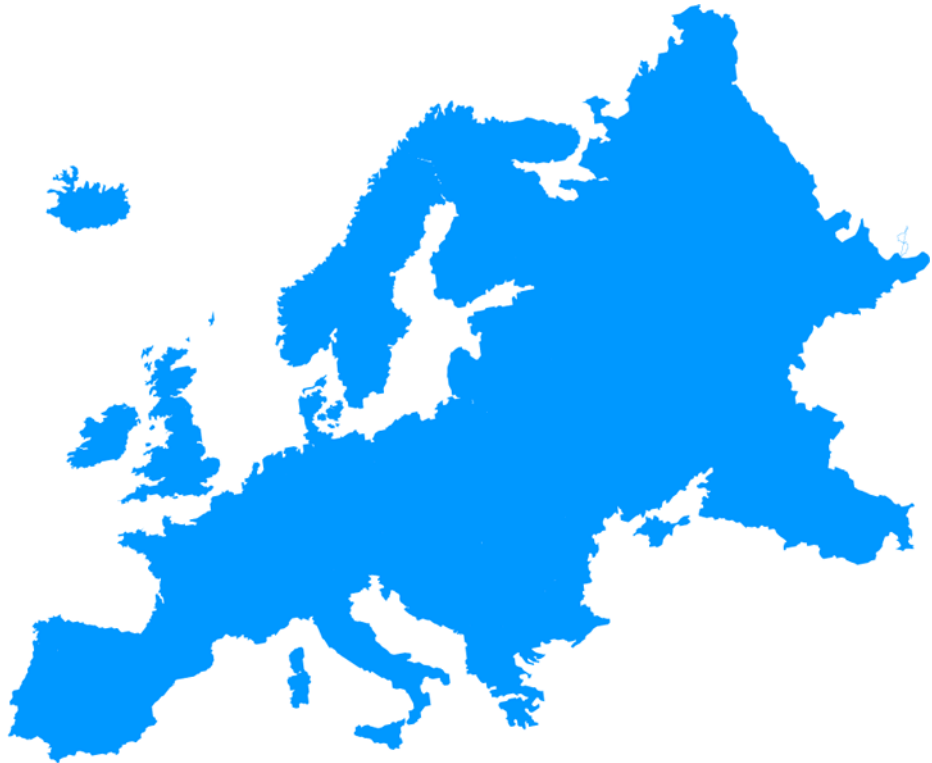
# **WIPO Studies for Countries in Transition...**

**Relevant**

**Joint effort**

**Up-to-date**

**Effective**



- Guidance for Elaboration of IP Strategies.



- Management of Academic Intellectual Property and Early Stage Innovation.
- Technology Transfer in Countries in Transition: Policy and Recommendations
- Model Intellectual Property Policy for Universities and Research Institutions
- Adaptation of the Copyright Laws of Countries in Transition to New Technologies; Accession to, and Implementation of, the WIPO “Internet Treaties”.
- Typical Features of Copyright in Countries in Transition: Review of the Transition Process – Guidance for Its Completion Where It May Still Be Needed.
- Nation Branding in Countries in Transition.
- Enforcement of Intellectual Property Rights in Countries in Transition.
- Recommendations on Strengthening the Role of Innovative SMEs in CIS countries.
- IP Teaching in Countries in Transition.
- Intellectual Property, Traditional Knowledge and Traditional Cultural Expressions/Folklore: A Guide for Countries in Transition.
- Economic Aspects of IP in Countries in Transition.

# Guidance for Elaboration of IP Strategies



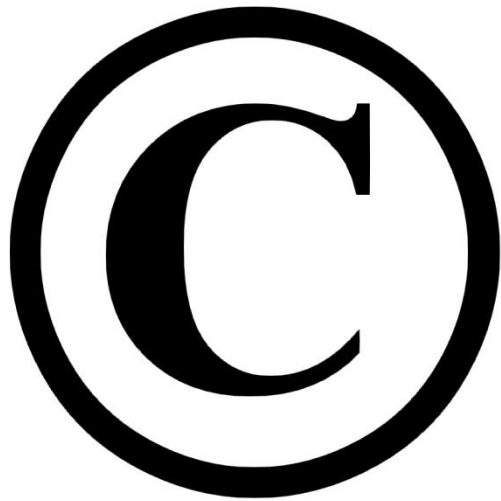
# Management of Academic Intellectual Property and Early Stage Innovation in Countries in Transition

Technology Transfer in Countries in Transition: Policy and Recommendations

Model Intellectual Property Policy for Universities and Research Institutions



# Adaptation of the Copyright Laws of Countries in Transition to New Technologies; Accession to, and Implementation of, the WIPO “Internet Treaties”



Typical Features of Copyright in Countries in Transition: Review of the Transition Process – Guidance for Its Completion Where It May Still Be Needed

# Nation Branding in Countries in Transition





# Enforcement of Intellectual Property Rights in Countries in Transition



# Recommendations on Strengthening the Role of Innovative SMEs in Commonwealth of Independent States (CIS countries)



# IP Teaching in Countries in Transition

IP Teaching Web Portal for Countries in Transition



# Intellectual Property, Traditional Knowledge and Traditional Cultural Expressions/Folklore: A Guide for Countries in Transition



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"Billable hours...billable hours..."



**WIPO Study on Economic Aspects of IP  
in Countries in Transition...**

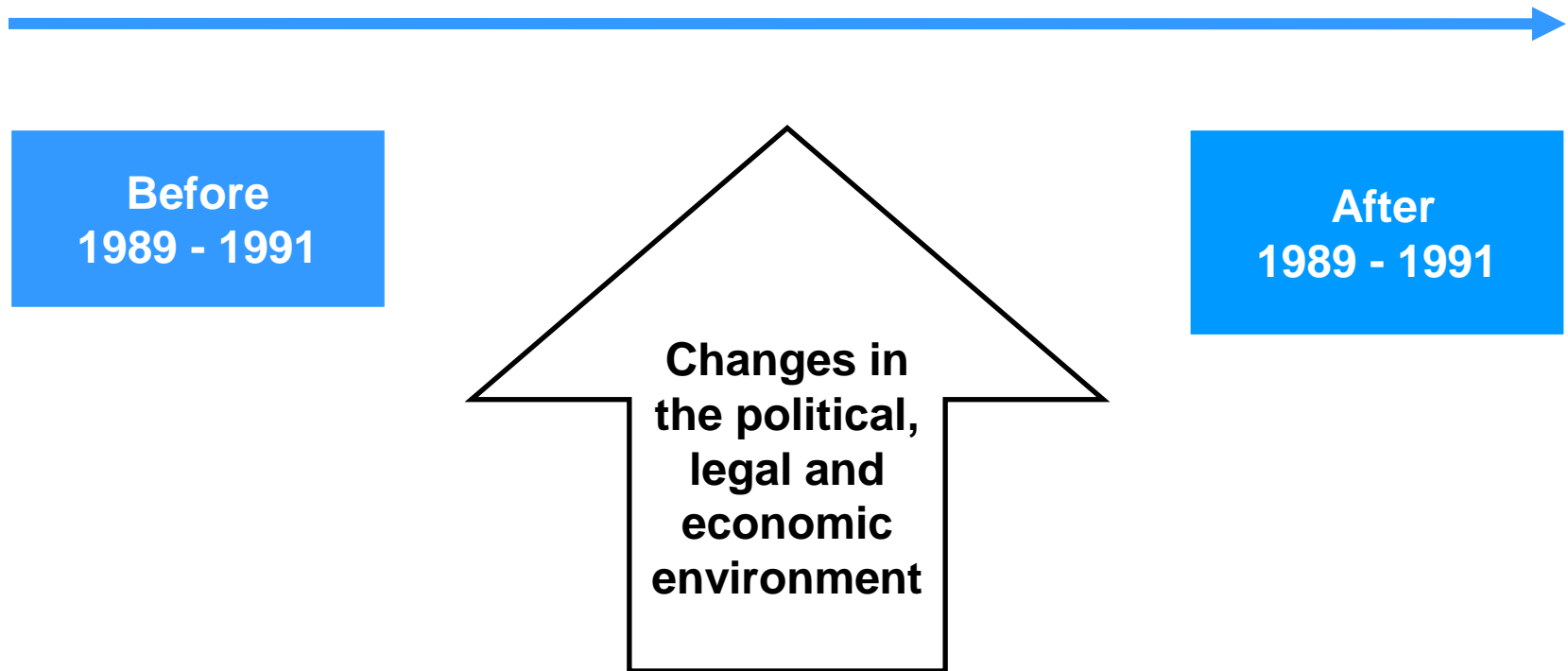
# Relationship between intellectual property rights (IPRs) and the economic growth of a country

Identify:

- Main problems and issues
- General trends
- Proposed indicators for measuring economic contribution



# Transition from centrally planned economies to market driven economies



Azerbaijan, Albania, Armenia, Belarus, Bulgaria, Cyprus, Czech Republic, Hungary, Greece, Georgia, Israel, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Montenegro, Republic of Moldova, Romania, Russian Federation, Serbia, Slovakia, Turkey and Ukraine.

# INSEAD rating

Rating	Country	Index
1	Switzerland	68,2
2	Sweden	64,8
3	Singapore	63,5
17	Israel	56,0
26	Slovenia	49,9
27	Czech Republic	49,7
28	Cyprus	47,9
30	Latvia	47,0
31	Hungary	46,5
38	Lithuania	44,0
40	Slovakia	41,4
42	Croatia	40,7
42	Bulgaria	40,7
44	Poland	40,4
45	Montenegro	40,1
46	Serbia	40,0
49	Moldova	39,2
51	Russia	37,9
52	Romania	37,8
63	Ukraine	36,1
69	Armenia	34,5
71	Georgia	34,3
73	Turkey	34,1
83	Kazakhstan	31,9
89	Azerbaijan	30,4
89	Albania	30,4

## Dynamic of patent applications for inventions in countries in transition

Country	2005	2008	2009	2010
Azerbaijan	290	233	281	271
Albania	387	320	417	341
Belarus	1340	1,730	1926	1933
Bulgaria	313	270	267	260
Hungary	1275	772	821	696
Georgia	587	576	581	422
Kazakhstan	1523	1474	1,513	1691
Cyprus	64	21	13	9
Kyrgyzstan	131	138	149	140
Lithuania	115	105	107	114
Moldavia	401	337	339	344
Russia	32254	41849	38564	42500
Serbia	981	623	580	579
Slovakia	250	242	239	282
Turkey	3461	7137	7241	8343
Ukraine	5592	5697	4816	5312
Romania	1,100	1031	1091	1418
Israel	6819	7800	6811	7324

# Systems for supporting innovations and intellectual property in countries with economies in transition

Country	State system for fostering innovations	Bank support for new technologies, support for SMEs	Tax benefits for inventors	Tax benefits for enterprises, including SMEs	Tax benefits for commercial transactions involving IP
Azerbaijan	-	√	-	-	-
Albania	√	√	√	√	√
Armenia	√	+	-	√	√
Belarus	+	√	+	+	+
Bulgaria	+	+	+	+	√
Hungary	+	+	+	+	+
Greece	+	+	+	+	+
Georgia	+	-	+	-	-
Kazakhstan	+	√	√	√	√
Cyprus	+	+	-	-	-
Kyrgyzstan	+	-	-	-	-
Latvia	-	+	√	√	-
Lithuania	+	+	+	+	+
Moldavia	+	+	+	+	-
Russia	+	+	+	+	+
Serbia	+	+	-	-	-
Slovakia	-	-	-	-	-
Turkey	+	+	-	-	-
Ukraine	+	+	-	+	-
Montenegro	√	√	√	√	√
Czech Republic	+	+	√	+	√
Israel	√	+	√	+	√
Romania	+	+	+	-	-

Note: (+) – yes; (-) – no; (√) – no answer

## Findings:

- General problem of availability of data, as well as asymmetry of information
- How to measure the actual economic contribution of IP – some proposals are made
- IP is becoming more recognized as a driver of economic growth

Importance of developing and implementing an IP strategy/policy, which is also based on, and evaluated against, economic evidence

## Next steps:

- Include methodology for economic aspects of IP into the General Guidance on the Development of IP strategies
- Develop a study on evaluating IP strategies and their economic contribution
- Further promote economic based IP policy making





More...

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*“Capital isn't so important in business. Experience isn't so important. You can get both these things. What is important is ideas. If you have ideas, you have the main asset you need, and there isn't any limit to what you can do with your business and your life.”*



Harvey Firestone (1868-1938), **entrepreneur**,  
founder of Firestone Tire and Rubber Company,  
friend of Thomas Edison

Thank you for your attention!

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