

NISE 2008, IT STAR Workshop 2008 – Godollo, Hungary

Slovakia on (winding) Road to Information Society

Experience, Problems and Perspectives



Pavol TARINA
Government Plenipotentiary for Information Society
Slovakia



Government Plenipotentiary for Information Society

W W W

**where ? – why ? – when (&
how) ?**



Government Plenipotentiary – Point of View

WHERE

**is SLOVAKIA located within
EU Information Society
Statistics?**

i2010 EC comparison - SLOVAKIA (2007)

i2010 Annual Report: Slovakia

Broadband	2003	2004	2005	2006	EU25	Rank
Total DSL coverage (as % of total population)	18.3	44.0	60.7		87.4	25
DSL coverage in rural areas (as % of total population)			25.0		65.9	21
Broadband penetration (as % of population)		0.6	1.8	4.3	15.7	24
DSL penetration (as % of population)		0.5	1.5	2.9	12.8	25
Predominant download speed			LE 512kbps			
Households having broadband (as % of those having access to the internet at home)		15.2	31.0	43.0	62.1	24
% of enterprises with broadband access		24.8	47.6	60.8	74.5	20
Number of 3G subscribers per 100 inhabitants			0.0		5.0	22
Digital Television in households			12.7		30.6	13
Music: number of single downloads per 100 inhabitants						
Internet Usage						
% population who are regular internet users		39.8	42.8	43.1	46.7	16
Take up of internet services (as % of population)						
Sending emails		37.7	42.4	41.6	43.8	15
Looking for information about goods and services		26.6	30.1	33.5	42.9	19
Internet telephoning or videoconferencing		4.5	3.6	7.0	7.1	18
Playing/downloading games and music		18.5	16.1	18.5	18.2	16
Listening to the web radio/watching web tv		6.0	5.5	8.2	11.8	23
Reading online newspapers/magazines		22.6	23.2	25.4	19.0	12
Internet banking		10.1	10.1	12.6	22.0	20
Places of access						
% at home		22.4	20.1	23.6	42.6	25
% at work		26.0	27.0	25.7	23.0	13
% at educational place		10.5	11.0	11.4	8.0	8
% at PIAP		18.6	11.7	7.2	6.8	9

i2010 EC comparison - SLOVAKIA (2007)

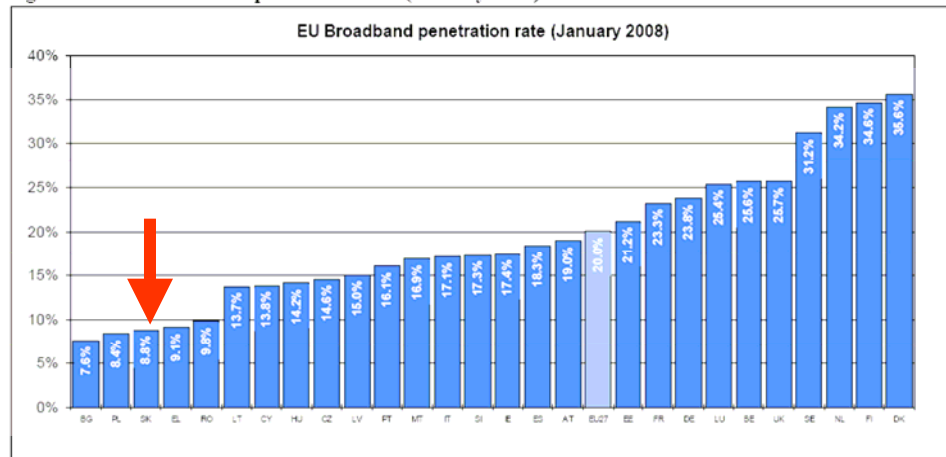
	2003	2004	2005	2006	EU25	Rank
eGovernment Indicators						
% basic public services for citizens fully available online		8.3		8.3	36.8	23
% basic public services for enterprises fully available online		25.0		37.5	67.8	24
% of population using e-Government services		25.4	26.6	32.2	23.8	9
of which for returning filled in forms		4.3	6.5	7.2	8.1	13
% of enterprises using e-Government services		47.1	56.6	77.2	63.7	10
of which for returning filled in forms		18.2	16.3	44.6	44.8	17
ICT in schools						
Number of computers connected per 100 pupils				5.8	9.9	23
% of schools with broadband access				40.0	67.0	23
% of teachers having used the computer in class during the last 12 months				70.3	74.3	15
e-Commerce						
E-commerce as % of total turnover of enterprises			0.0	0.0	11.7	24
% enterprises receiving internet orders		6.5	6.5		13.9	
% enterprises purchasing on the internet		16.3	22.4		37.9	
e-business. % enterprises:						
with integrated internal business processes		21.2	25.5	22.2	37.3	20
with integrated external business processes		7.1	9.2	9.8	13.5	17
Security: % enterprises using Secure servers		13.2	20.9	15.2	41.0	23
% using digital signatures for authentication		5.6	10.4	14.6	14.3	7
Employment and Skills						
% employees using computers connected to the Internet		19.4	25.5	28.6	36.1	19
% of persons employed with ICT user skills.	15.0	15.7	15.4	15.3	18.5	22
% of persons employed with ICT specialist skills	2.7	3.0	3.2	3.3	3.1	8
Indicators on growth of ICT sector and R&D						
ICT sector share of total GDP	7.1				5.5	4
ICT sector share of total employment	4.4				4.0	7
ICT sector growth (constant prices).	-2.0				3.6	18
R&D expenditure in ICT by the business sector, as % of GDP					0.3	
=== as % of total R&D expenditure					25.7	

Where is Slovakia within EU IS statistics ?

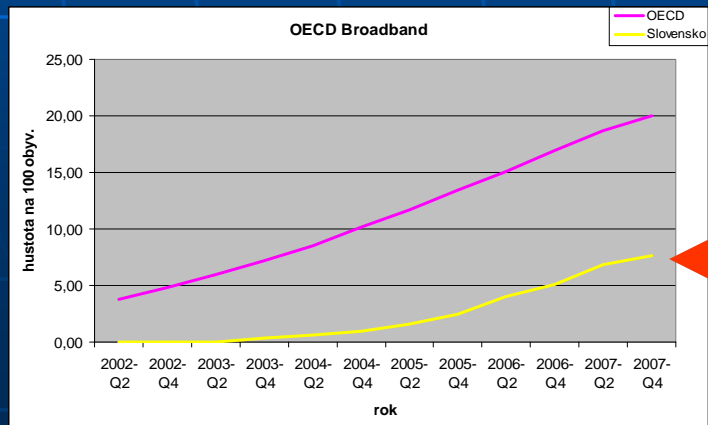
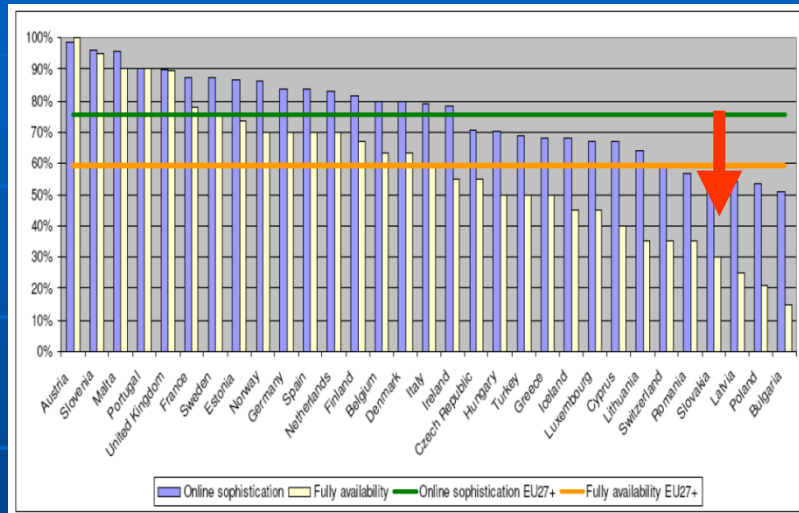
Broadband

eGovernment services

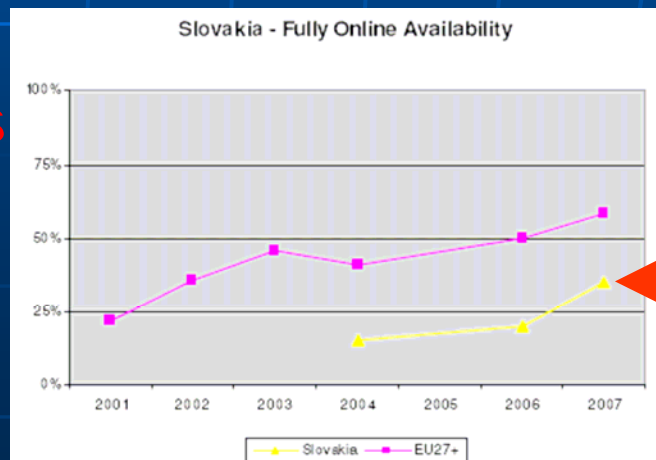
Figure 107: EU broadband penetration rate (January 2008)



Data for Estonia, France, Lithuania, the Netherlands and Austria as of October 2007.



4 years delay



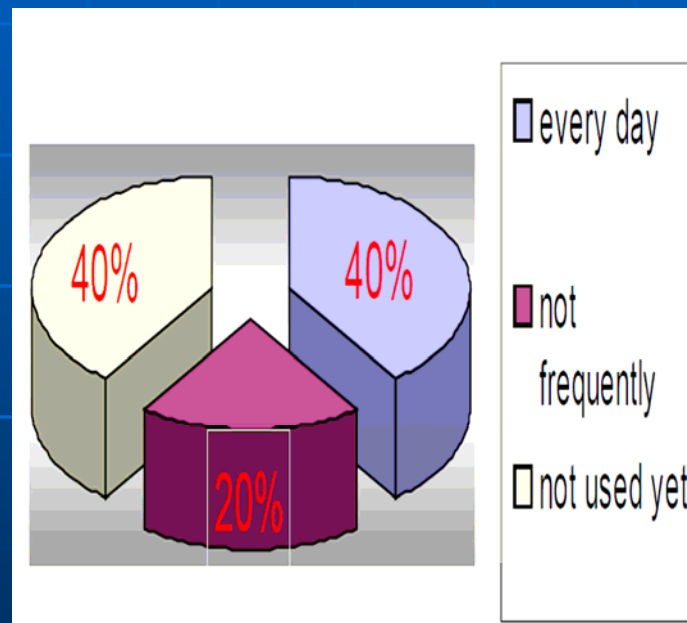
5 years delay

Where is Slovakia within EU IS statistics ?

Digital Divide

Broadband coverage across the EU – gaps between national coverage and coverage in rural areas	DSL rural coverage	DSL rural gap with national coverage	cable rural coverage	cable rural gap with national coverage
BE	100.0%	0.0%	30.0%	50.3%
DK	100.0%	0.0%	34.0%	26.0%
LU	100.0%	0.0%	47.4%	22.8%
NL	99.0%	0.0%	40.0%	51.3%
FR	96.5%	1.9%	1.1%	24.9%
ES	86.0%	4.0%	11.0%	37.0%
UK	95.0%	4.5%	4.8%	45.3%
EL	10.0%	8.0%	0.0%	0.0%
SI	78.5%	9.7%	24.3%	24.8%
FI	82.0%	9.8%	N/A	N/A
PT	84.0%	10.0%	48.0%	32.1%
SE	84.0%	11.3%	17.0%	31.3%
HU	77.0%	12.0%	0.0%	72.0%
AT	79.0%	12.3%	17.0%	19.0%
PL	54.8%	12.3%	7.0%	11.0%
IE	64.0%	21.6%	4.0%	4.0%
LT	58.0%	25.0%	2.1%	49.4%
DE	58.5%	34.1%	2.5%	33.2%
LV	37.0%	35.0%	0.0%	50.0%
SK	29.5%	36.2%	N/A	N/A
IT	50.5%	38.5%	0.0%	0.0%
CY	0.0%	69.7%	0.0%	30.0%
MT	0.0%	99.0%	N/R	N/R
EU25	71.3%	18.0%	7.4%	28.2%

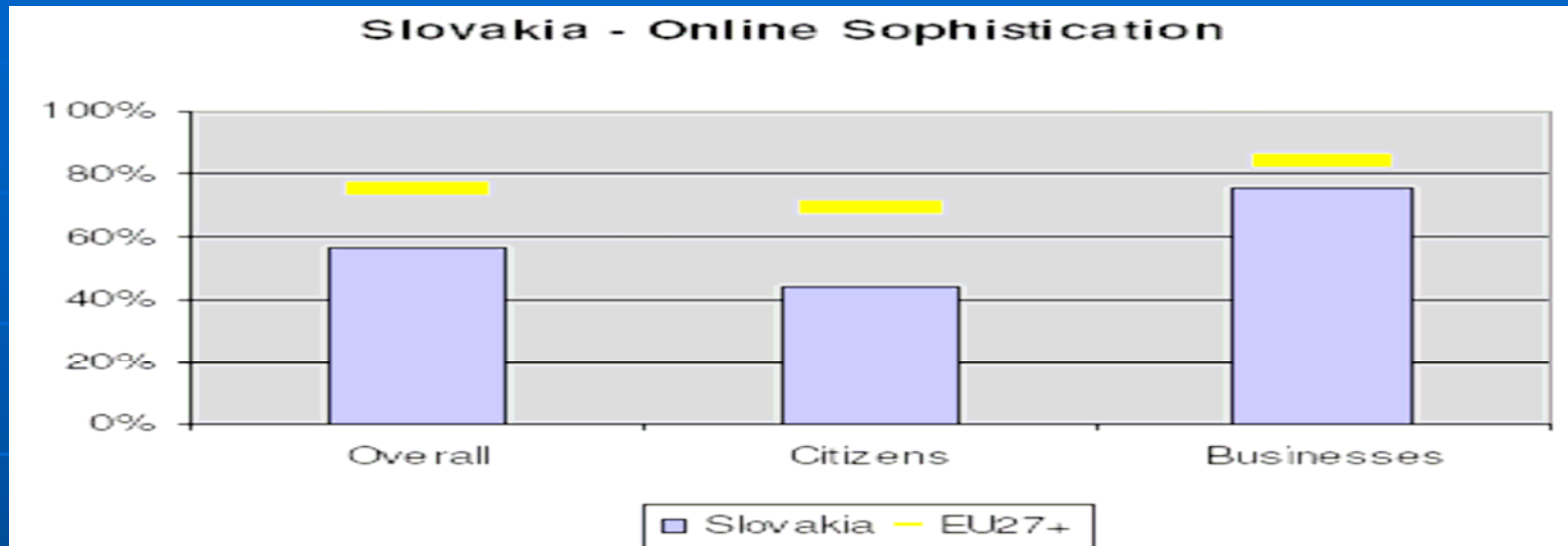
Internet Use by Population



Fixed Broadband coverage (2007)

- **YES:** 884 municipalities (30,2%) / 76% population
- **NOT:** 2042 municipalities (69,8%) / 24% population

SLOVAKIA eGovernment Benchmark 2007



Self-governments



eGOV services for citizens (G2C)	
Income Taxes	
Job Search	
Social Security Benefits	
Personal Documents	
Car Registration	
Application for Building Permission	
Declaration to the Police	
Public Libraries	
Birth and Marriage Certificates	
Enrolment in Higher Education	
Announcement of Moving	
Health-related Services	

Self-governments



eGOV services for business (G2B)	
Social Contribution for Employees	
Corporate Tax	
VAT	
Registration of a New Company	
Submission of Data to the Statistical Office	
Custom Declaration	
Environment-related Permits	
Public Procurement	



Government Plenipotentiary – Point of View

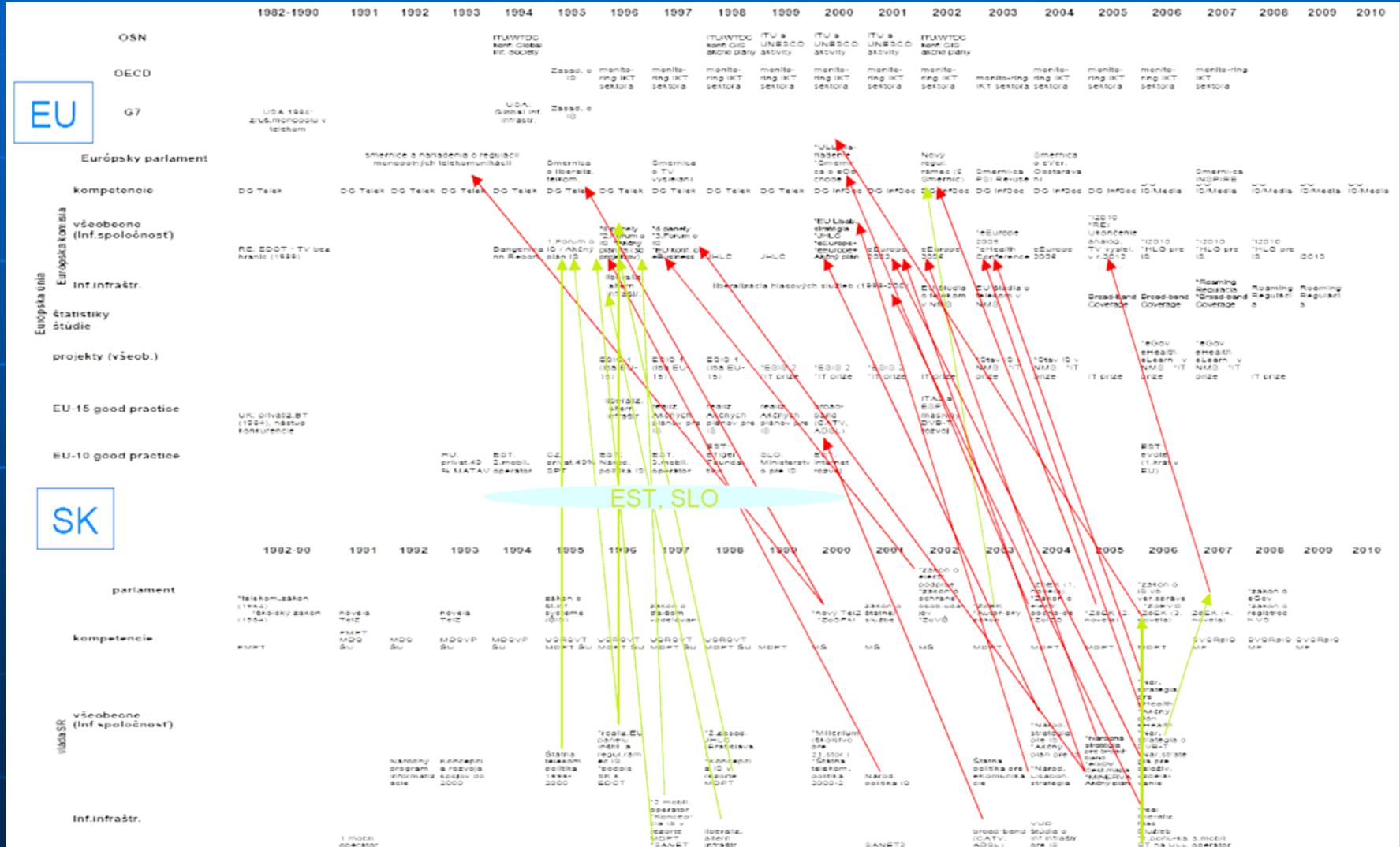
WHY

**is SLOVAKIA behind
EU Information Society
Average ?**

SLOVAKIA 1995 - 2005

- Absence of institutional framework
- Postponed actions (4-7 years delay)
- Declarative approach only
- Absence of legal framework
- Lack of financial resources
- Minimal EU IS context
- No Evaluation

Significant delay of Government Actions – SLOVAKIA 1995-2005





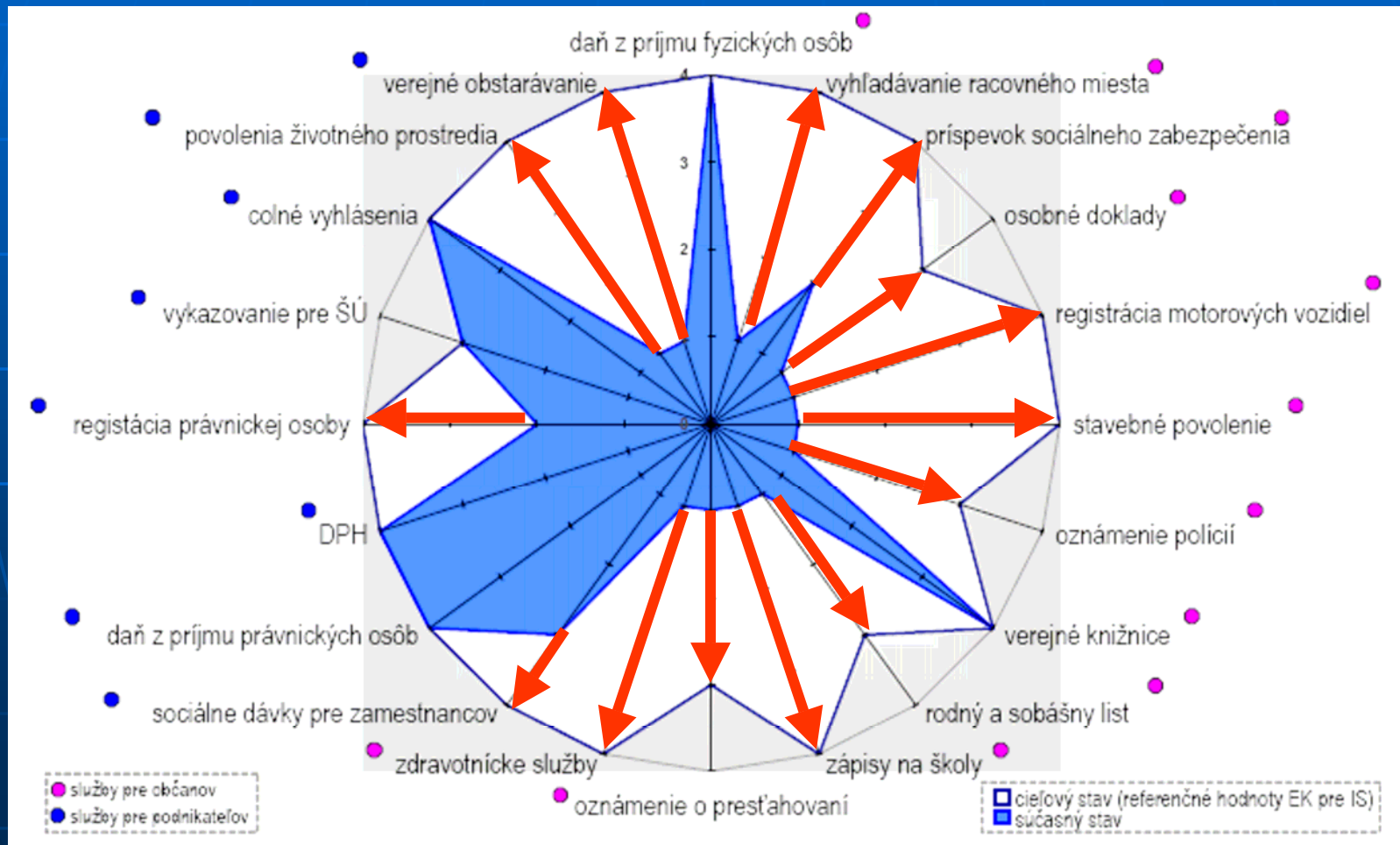
Government Plenipotentiary – Point of View

WHEN (& how)
can SLOVAKIA improve
own position within
EU Information Society?

When and How?

- Immediately
- Clear vision (strategy-action plans)
- No more declarations – but **ACTIONS**
- Legislation
- Financial resources
- Effective Implementation
- Regular Evaluation

SLOVAKIA: eGov Services Target 2007-2013



Actions already adopted by Government

- * *Strategy on Regional e-Education System* (Feb 20, 2008)
- * *National eGovernment Policy* (Feb 27, 2008)
- * *National eGovernment Strategy* (May 21, 2008)
- * *National eHealth Strategy* (July 16, 2008)
- * *Information Security Strategy* (Aug 15, 2008)

still absence:

- * eInclusion Strategy (November 2008?)

Financial Resources 2007-2013

- **OP Information Society 2007-2013**
 - priority 1: eGovernment
 - priority 2: Digital Heritage
 - priority 3: Broadband Development
- OP Education 2007-2013
- OP Research and Development 2007-2013
- OP Employment and Social Inclusion 2007-13

Regular Annual Monitoring by Government Plenipotentiary Office (since 2008)

- Information Infrastructure
- eGovernment
- eInclusion
- eHealth
- eCulture
- Teleworking
- eLearning
- eJustice
- eTransport
- eSignature
- ePrivacy
- CyberCrimi
- eProcurement
- eTourist
- Open Source
- eGov Content (PSI, INSPIRE)
-

Thanks for Your Attention !



Pavol TARINA

Government Plenipotentiary for Information Society

Government Office of the Slovak Republic

Namestie slobody 1

813 70 Bratislava

Slovakia

Phone: +421 2 572 95 111

E-mail: usvis_mail@vlada.gov.sk

www.informatizacia.gov.sk