



# **INCLUSIVE EDUCATION IN SERBIA: from practice to policy to practice**

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**Content of presentation:**  
**Process and status**  
**Examples of challenges**  
**Lessons learned**

# Inclusive education



## First reform wave 2001-2004

- Learning-oriented, child centered...
- First draft strategy on IE
- Pilots started 2003

## 2004-2008

- Pilots
- Int'l assistance
- Decade of Roma Integration starts

## Formulating priorities 2008:

- equity, quality, efficiency

## Legislative acts 2009, 2010

## Implementation from 2010



# Inclusive education

Inherited deadlocks	New solutions
Enrollment and curriculum policy supports segregation of children with special educational needs	New inclusive enrolment, curriculum (IEP) and assessment policy + support systems
High dropout, mostly children from vulnerable groups, no support	Roma pedagogical assistants
No monitoring mechanisms of discrimination, segregation and social inclusion	Monitoring through self-evaluation, external ev framework, school inspectors, targeted research and Ombudsman ( <i>partially</i> )
Centralized funding system which does not follow needs of children	Per capita system of financing education ( <i>not yet</i> )
Dysfunctional network of schools	School network optimization Redefinition of special schools
Sector divide between health, education and social sectors	Inter-sector cooperation at national and local level



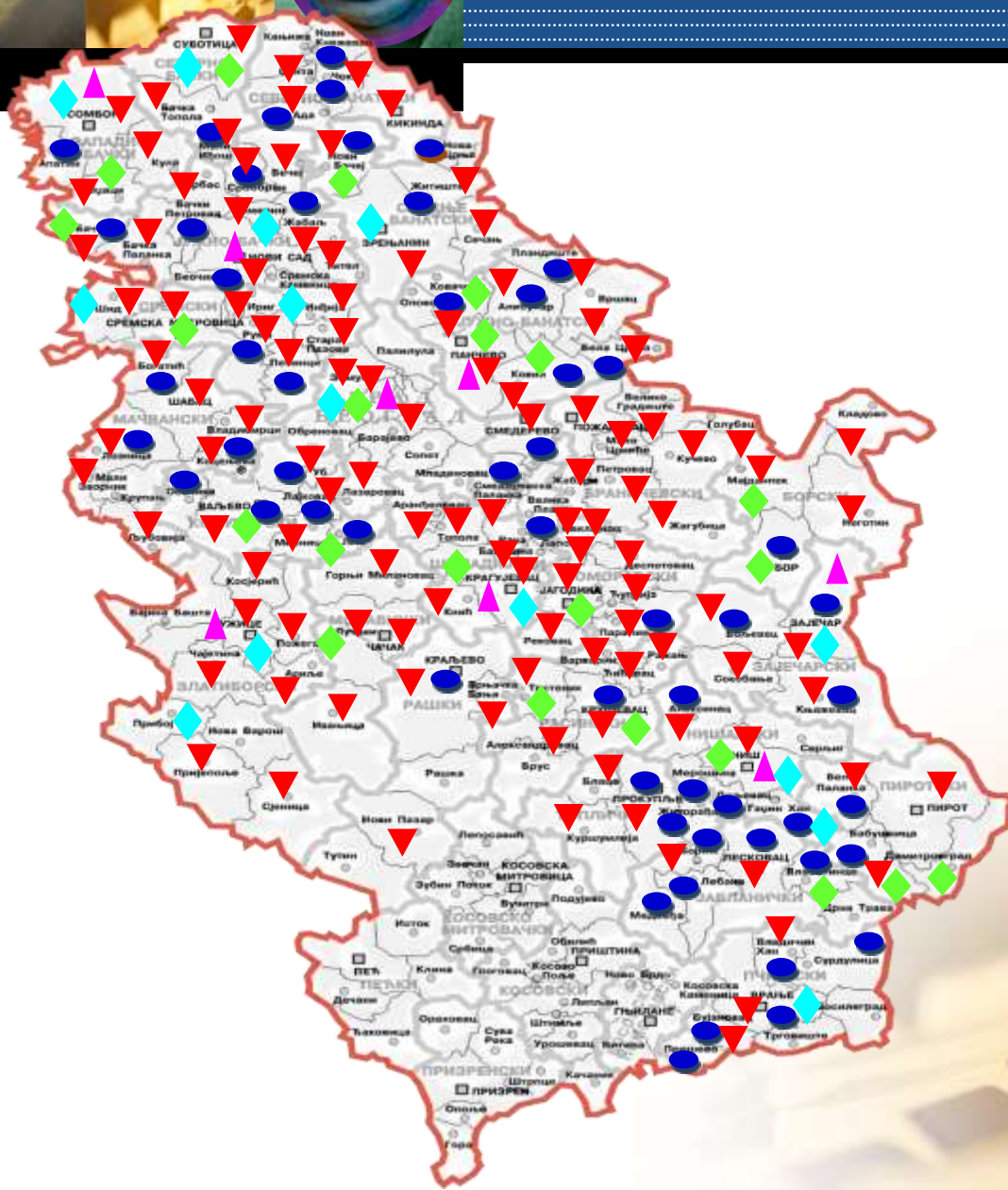
# Inclusive education

## ■ Implementation supports:

- Grants: 314 schools (30%)+ 56 municipalities
- Training (cca 200): all schools information training, grant schools and PA schools school based skills training through 6 packages, cca 18.000 teachers, 900 other professionals
- Guidebooks, manuals (8), web-based materials
- Pedagogical assistants (178), municipal Roma mentors (28)
- Network of professionals(80), on-line assistance
- Network of inclusive model schools (14)
- MoE advisors (from all RSAs)
- Inter-sectoral committees (152)



# 94% of LSGs with at least one inclusive education project



- 56 ЛС – образовна инклузија Рома
- ▼ 281 школа – Подршка инклузивном образовању
- ▲ 9 партнерских школа – развој функционалног модела ИО
- ◆ 25 школа – тестирање
- ◆ 37 школа – превенција насиља

# Monitoring schemes

- Rapid assessment ↔ 2010 / UNICEF/
- National survey ↔ 2010-11 / MoE – DILS
- Parliamentary committee on the right of the child (continuous monitoring) ↔ National Assembly
- Evaluation of trainings ↔ 2012/CEP
- More than 20 research studies from 2009 ↔ donor pooling
- Framework for monitoring IE ↔ 2013/Institute for Psychology







# Inclusive education

## EXAMPLES

**1. Pedagogical assistants**

**2. School grants – how schools discovered horizontal learning**





# Inclusive education

## **Pedagogical assistants: barriers**


### ▪ **Starting questions**

- Why for Roma? Why Roma?
- Why in classroom? Why continuous?

### ▪ **Structural barriers**

- Whose responsibility in the ministry?
- How to select the RPAs? Mistakes?
- How to contract? How to inform schools?

### ▪ **Financial barrier**

- Who should pay? How much?
  - How not to forget?
- 



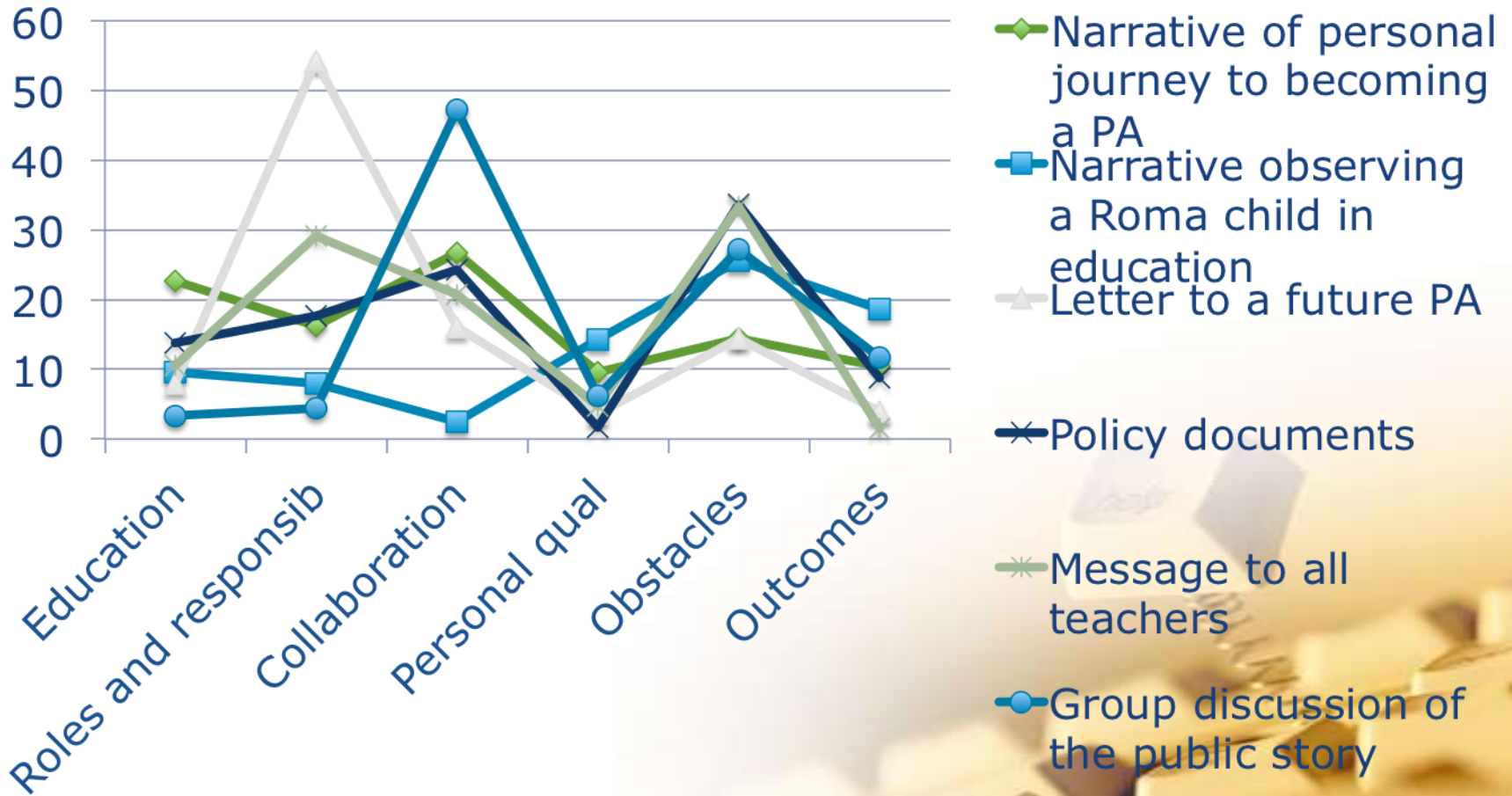
# Inclusive education

## **Pedagogical assistants: Now**

- **174 RPAs employed in schools**
  - Regulated status
  - Salaries through schools
  - Change Agents
- **Professionalism**
  - 30 ECTS training
  - Association, website
  - High commitment
  - Narratives of social transformation



# Major organizational principles by genre



## 2. School grants – how schools discovered horizontal learning

- 1<sup>st</sup> group of grants for schools with previous experience to improve their practice in IE (9+25)
- 2<sup>nd</sup> and 3<sup>rd</sup> groups (130 each), 6 + 6 months
- Training of staff
- Further support based on request from network of professionals (internet, phone, visits)
- Schools wanted to SEE HOW IT WORKS
- First group of schools offered to be visited (lots of preparation, lots of anxieties, lots of satisfaction)
- Became a school improvement practice





# Inclusive education

## Lessons learned 2: network of supporters crucial

	2002 2004	2005	2006	2007	2008	2009	2010	2011	2012
pilot									
policy									
legislation									
implementation /prep									
implementation									
Implementation /supp									
monitoring									
fine-tuning									



# Inclusive education

## Lessons learned 3: legal frame complex

- **Other areas (social and health sector) – different dynamics of legal changes**

- **Network of bylaws needed**

- Assessment of educational, social and health needs
- Individual Educational Plans
- Pedagogical Assistants

- **Synergy with other bylaws needed**

(virtually all bylaws revised: licensing, teacher professional development, assessment, teaching time, class construction...)



# Inclusive education

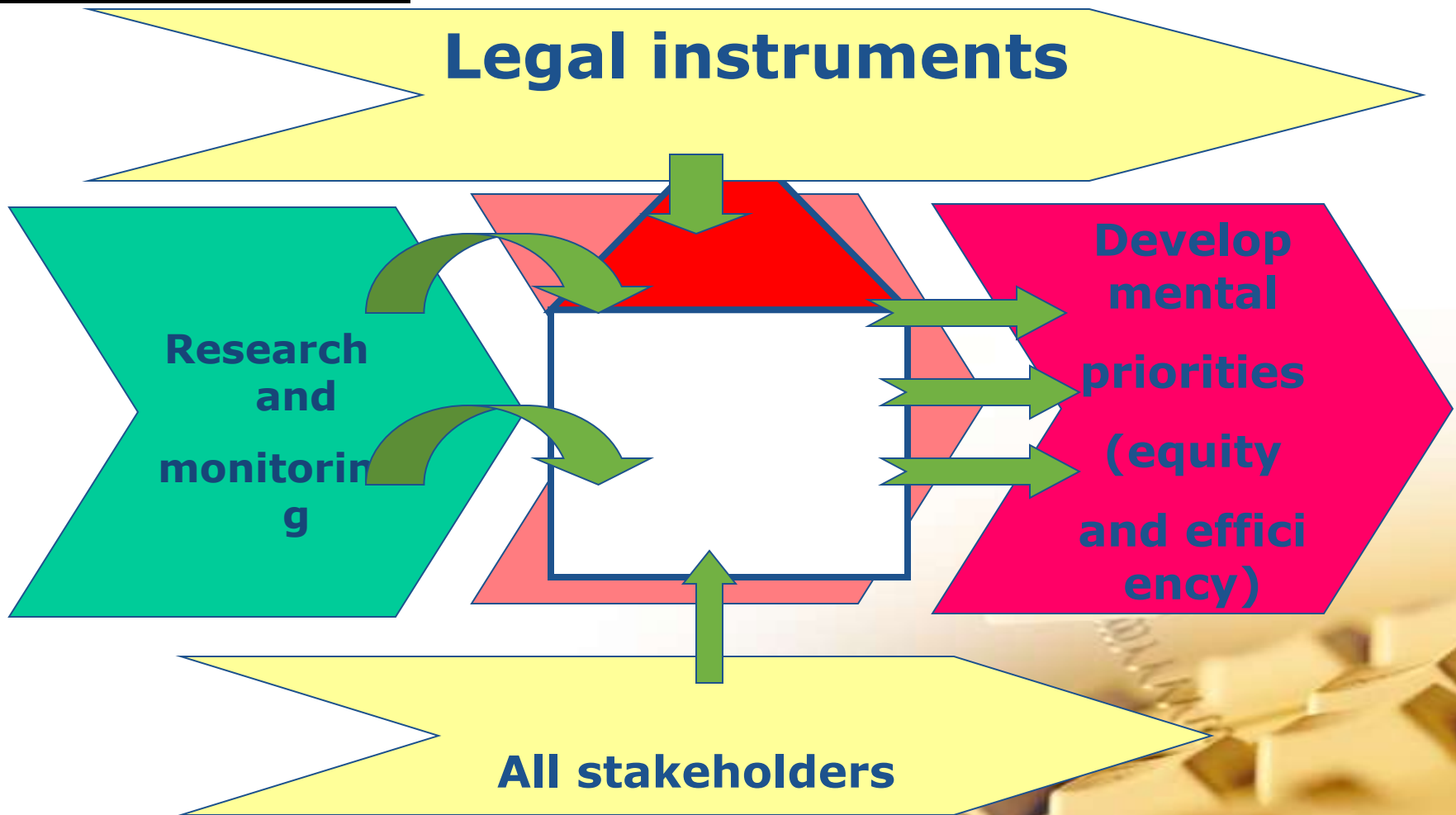
## Lessons learned 4. Biggest challenges

- Teachers' incentives (norms, advancement...)
- Teachers' competencies
- Data collection systems (invisible children)
- Specialised support institutions
- Monitoring quality and reform of inspection

## Research lagging behind:

- Only recently started (became an attractive topic)
- Opinions collected, not effects
- Samples not stratified according to intervention target

# Inclusive education



**Lessons learned 5: complete mobilization needed**



# Inclusive education

**Lessons learned: IE** can help in organizing the learning niche



**LEARNING STUDENTS**

**LEARNING OF TEACHERS**

**LEARNING OF SCHOOLS**

**LEARNING OF THE SYSTEM**





# The mutiperspectivity joke

What's on the blackboard

$12\sqrt{6} \cdot 7 \cdot (6+2\sqrt{4}) \cdot 2+ab-c \cdot 145'$   
 $1+-5x+6y \cdot 22\sqrt{4}d+2\sqrt{r} \cdot (3+[8$   
 $2]:3+2\sqrt{)} \cdot 34\sqrt{4}u \cdot 3ea'$



What the teacher is seeing

$2 + 2 = 4$



What the students are seeing

而不是鍵入一個美好的譯員  
胡說我有一個夢想，夢想雞E  
話'的事情在衣櫃裡，他著的地  
儲到有經驗的獵人阿哈小短



What the students remember



What's gonna be on the test

$548b^644a^7/854^*(884-123)/77^{**}749y1-\log(1/747-x)/342^*4n$   
 $/7/e+742-(g-782/4)\log(4231/6874)/(/42-54+63)-42^*b$   
 $'a-e)7XG/(a-b)2a2+2ab-b2+2a2a-2a2a^*cos^2'sin(a-b)+sin$   
 $+cos^2'cos^2'sin^2/cos(a-b)-cos^2'cos^2'sin^2'sin(30^*c$   
 $-cos(90^*c)+4544^*924/521-6132113258+53215/\log(6486$   
 $/\log(43.8894^*c)^*8.65423158ab-wr^*3yX-dim^2w^*54$   
 $20^*c)(g-3)/(g-c)-0^*e+0.564684532e+ndm^*3-5+65.6$   
 $*(2^*2^2)/\log(e+55321.314716e)/3.1415926535897932$   
 $462e433832/2ab\log(2b+1/2ac^*ml-476.842887a^*c-b/6$   
 $+648921)/(e54211)^*ctg(360^*a)-ef+24385.8749643212$   
 $ctg(28421.6584^*a)-5648^*23158+765eg-(/seg-d/u/p/v$



What the cleaning lady is seeing







# Thank you for your attention

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