



THE WORLD BANK



Evaluating Impact: Turning Promises into Evidence

**DILS projects – increasing
employability of people with
disabilities in Serbia**

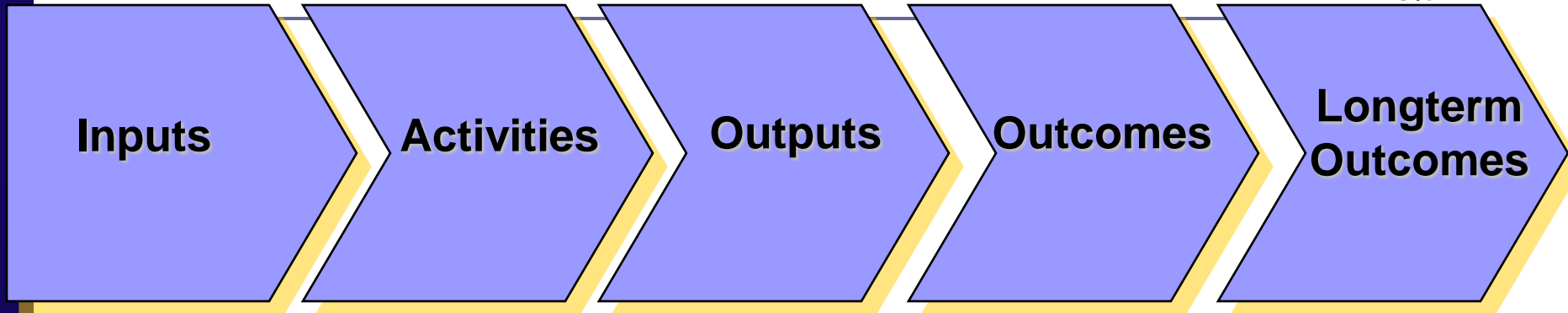
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1. Background

- ❑ **DILS** – *Delivery Improved Local Services*
- ❑ Basic financing mechanism – **program oriented** – *about 80%*
- ❑ Secondary financing mechanism – **project oriented** – *about 20%*
- ❑ MoLSP is planning to restructure the Fund for allocation of resources based on the selected projects, by increasing the portion of funds distributed to innovative projects submitted by the non-governmental organizations upon the public call, including private service providers and service providers in the local community.
- ❑ 10% people with disability, only 13% are employed.
- ❑ Change the way of financing projects helping people with disabilities
-> **increase competitive project based financing to at least 80%**
- ❑ Budget is **150.000€** – 100.000€ comes from the Serbian government (from lottery games) and 50.000 comes from the DILS project
- ❑ Seminars, capacity building, how to make reports on the projects monitoring
- ❑ The NGOs can only apply for grants if there are associations and if they use the new procedures (reallocation of the grants)
- ❑ One of the main goals is *better integration people with disabilities in to the labor market* and into the society

2. Results Chain



- 150 000 EUR
- GoS staff
- Implementing NGOs
- New regulation for NGOs and implementing programs
- Statistics on people with disabilities
- New strategy improving the social policy

- Creating new standards for disability NGOs
- Creating new financing procedure for disability NGOs
- Organizing workshops, capacity building for NGOs
- Creating new monitoring system
- Providing grants
- Ongoing evaluation

- New standards
- New procedures for financing
- Better services of NGOs
- increase competitive project-based financing to at least 80%
- Better monitoring system
- Better understanding of grant procedures by NGOs

- Better integrating people with disabilities in to the labor market.
- Better integrating people with disabilities in society.
- Increased satisfaction of members of NGOs.

- Raise the living standards of the people disabilities
- Changing the mindset of the society about people with disabilities

3. Primary Research Questions



What is the impact of **project-based financing for disability NGOs** on **employment of people with disabilities**?

4. Outcome Indicators

- ❑ Percentage of employed people with disabilities (PWD)
- ❑ Average salary of PWD
- ❑ Duration of employment of PWD
- ❑ Percentage of PWD with a full time job
- ❑ Percentage of PWD employed in the open labor market

5. Identification Strategy/Method

- ❑ Combine method - Matched differences-in-differences
- ❑ 38 “unions” chosen to participate in the project.
- ❑ 400 NGOs will serve as control group.
- ❑ Propensity score matching based on many observable variables before the intervention:
 - type/degree of disability
 - level of education
 - age
 - sex...
- ❑ Differences in differences on the outcome variable.
 - For all outcome indicators (employment status)

5a. Identification Strategy/Method

- Difference in differences on the outcome variable

	Before	After	
Treated	$X(0)\%$	$X(1)\%$	$X(1)\% - X(0)\%$
Control	$Y(0)\%$	$Y(1)\%$	$Y(1)\% - Y(0)\%$
	$X(0)\% - Y(0)\%$	$X(1)\% - Y(1)\%$	$(X(1)\% - X(0)\%) - (Y(1)\% - Y(0)\%)$

5b. Identification Strategy/Method

□ Potential problems

- Unions participate in the program, NGOs form the comparison group.
- Different dynamics in the efficiency of the NGOs and the unions.
- PWD might be members of several NGOs/unions.

6. Sample and data

- DILS integrated database: the aim is the integrated database, now there are 3 different database in Serbia.
- Tax authority
 - income,
 - employment status
- Labor statistics
 - type of employment,
 - type and degree of disability
 - which PWD belongs to which association
- Merge of the databases will be based on the identification number.

7. Time Frame/Work Plan

- ❑ 09/2009 convincing the management about the necessity of the evaluation
- ❑ **09/2009** *data gathering at the start of the program, finding treated and control PWDs, DiD before the pilot project*
- ❑ 12/2009 start of the tendering
- ❑ 03/2010 end of tendering
- ❑ **06/2010** *data gathering at the end of the program on the matched PWDs, DiD after the program -> **measuring the program effect***
- ❑ 09/2010 finalizing the evaluation
- ❑ 11/2010 **design a new evaluation for the program before the national roll out.**

8. Sources of Financing

The source of the financing is the DILS project and the Serbian government

Elements of costs:

- ❑ Designing the evaluation – we have already done this
- ❑ Data collection – MoLSP is owner of all data (x2)
- ❑ Creating the database, data control and processing (x2)
- ❑ Impact evaluation (data analysis and preparing the report)
- ❑ Quality control of the process
- ❑ Presentation of results, dissemination