

# Cervical Cancer Screening Framework in Romania

**National Institute of Public Health Romania**



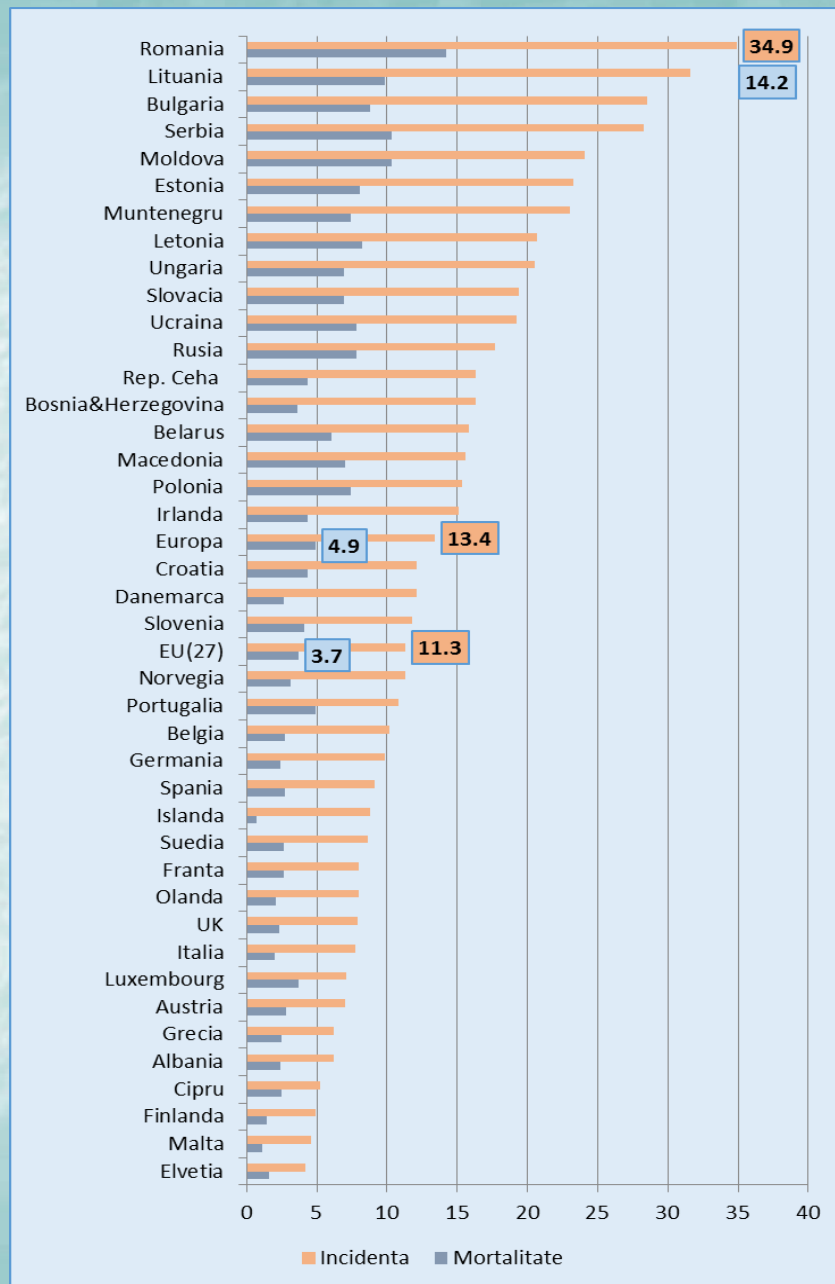
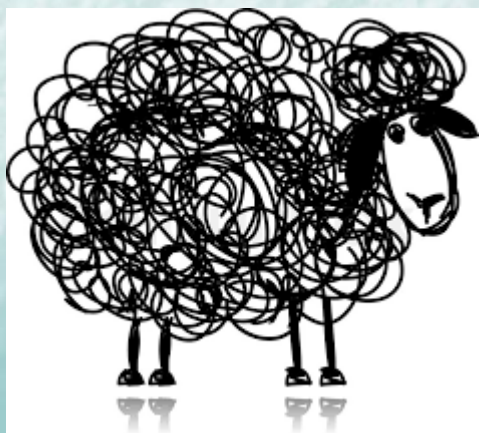


**National Institute of Public Health Romania**



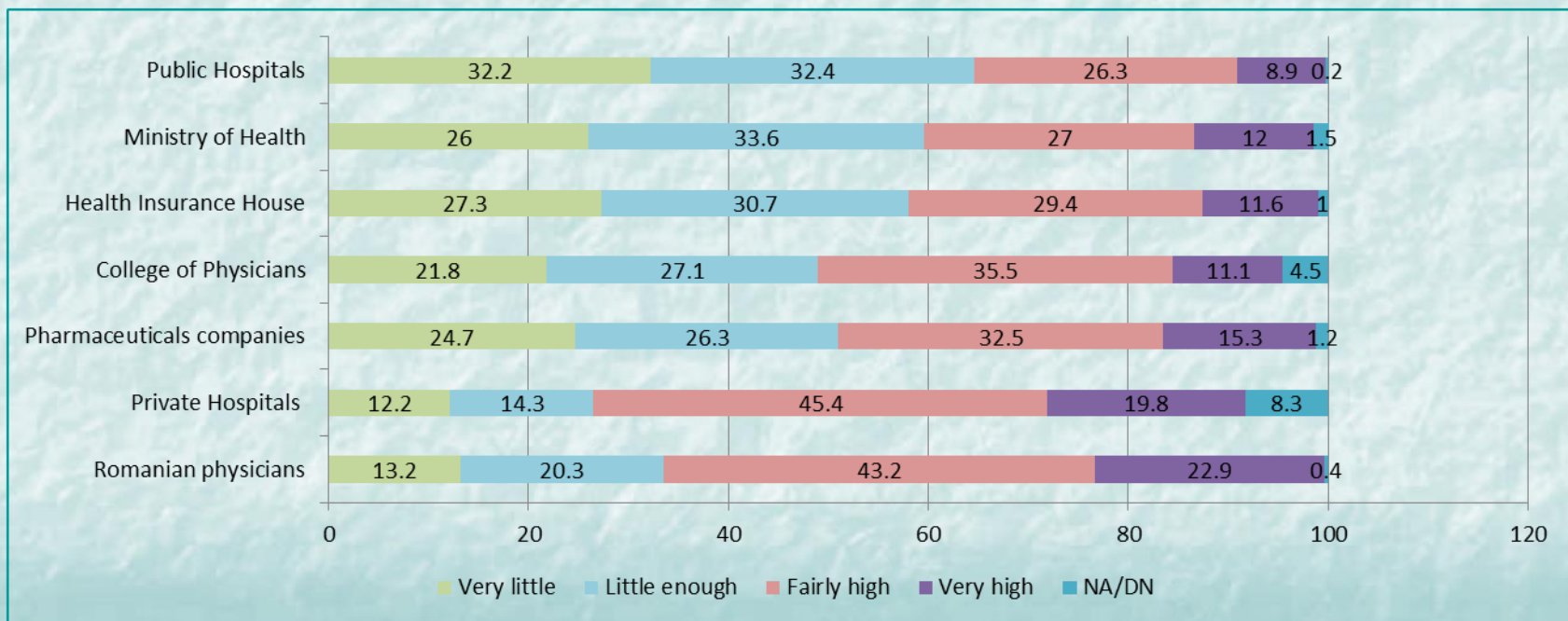


**12,5% of the total CC cases  
in EU are diagnosed in  
Romania**

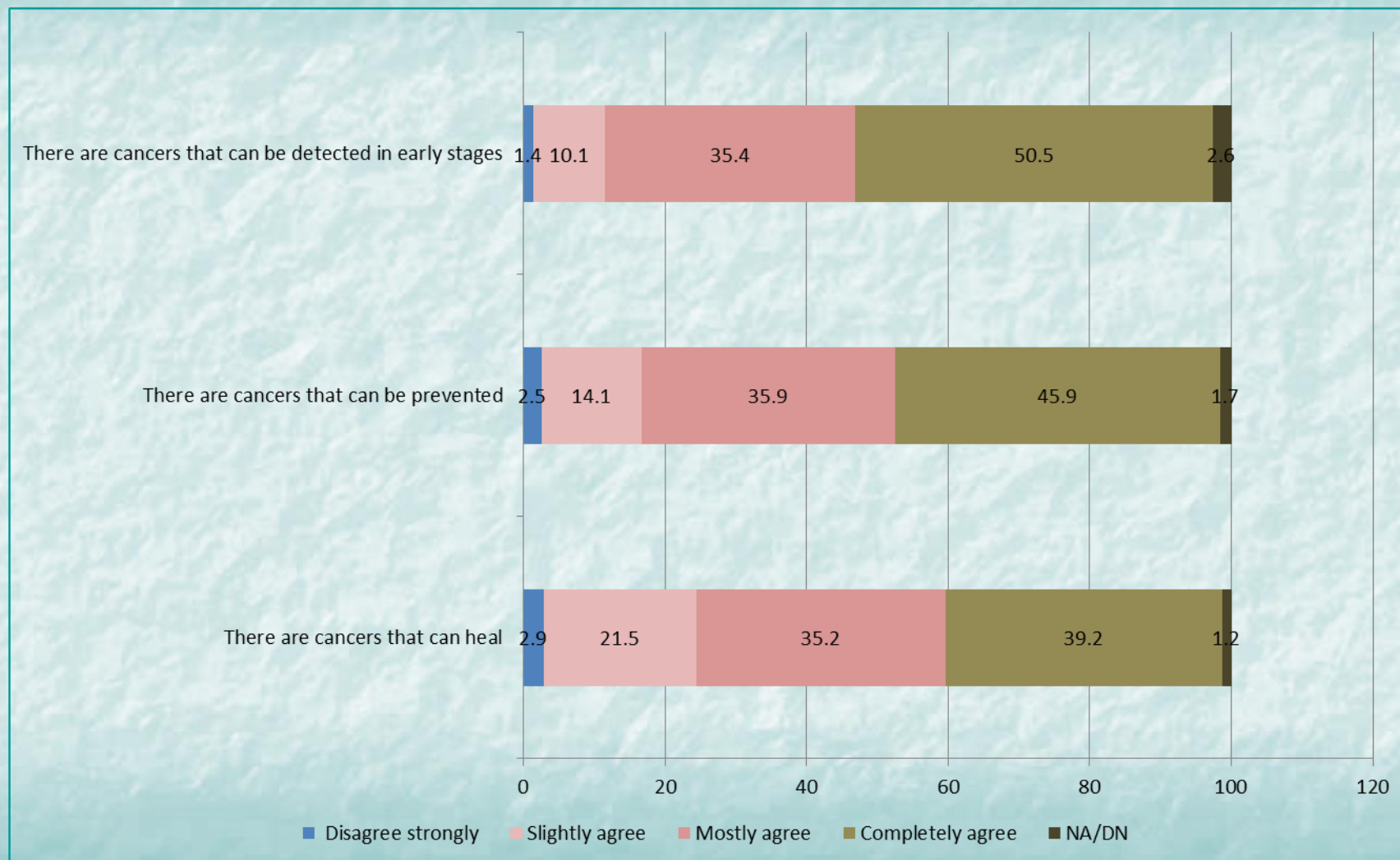


# Perceptions and attitudes on cancer prevention, diagnosis and treatment

## How much do you trust ...?



# Do you agree on the following statements?





# Where do you take the information on cancer prevention, diagnosis and treatment?



# Knowledge of Romanian Women on Cervical cancer



**86%** have heard

**50% do not associate the link between  
HPV infection and cervical cancer**

**1 in 10 consider false information that HPV  
cause CC**

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**68%**

**Have not heard about HPV infection**

**1 in 5 Romanian women receive  
information on cervical cancer from  
healthcare professionals**



# Attitudes of Romanian Women on Cervical cancer



**7 in 10 Romanian Women have NOT  
been tested for precancerous-lesions**

**23% of Romanian women have had a  
PAP test during last 3 years**



# Strategic framework

- National Health Strategy – 2014 - 2020
- Strategy for Cancer Screening -  
Programmes Implementation - 2017

# Legislative framework

- **Order of Minister of Health no. 377/2017** on approval of technical norms for National Health Programmes in 2017-2018
- **Government decision no. 155/2017** on approval of National Health Programmes in 2017-2018



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**Ministry of Health  
National Commission for Cervical Cancer Prevention**





# National Commission for Cervical Cancer Prevention - structure

National  
management  
unit coordinator

Regional  
management  
unit coordinators - 9

MoH representative  
-State secretary/  
-Director

Representative of MoH  
consultative commission  
of Oncology

Representative of MoH  
consultative commission  
of Pathology

Representative of MoH  
consultative commission  
of Family medicine

Representative of MoH  
consultative commission  
of OBGYN

Representative of MoH  
consultative commission  
of epidemiology and public health

# **National Commision for Cervical Cancer Prevention - roles**

**Oversees activities  
implementation**

**Protocols  
development**

**Implementation  
action plans  
development**

**Education and  
training plans**

**Needs assessments  
Proposals for resources**

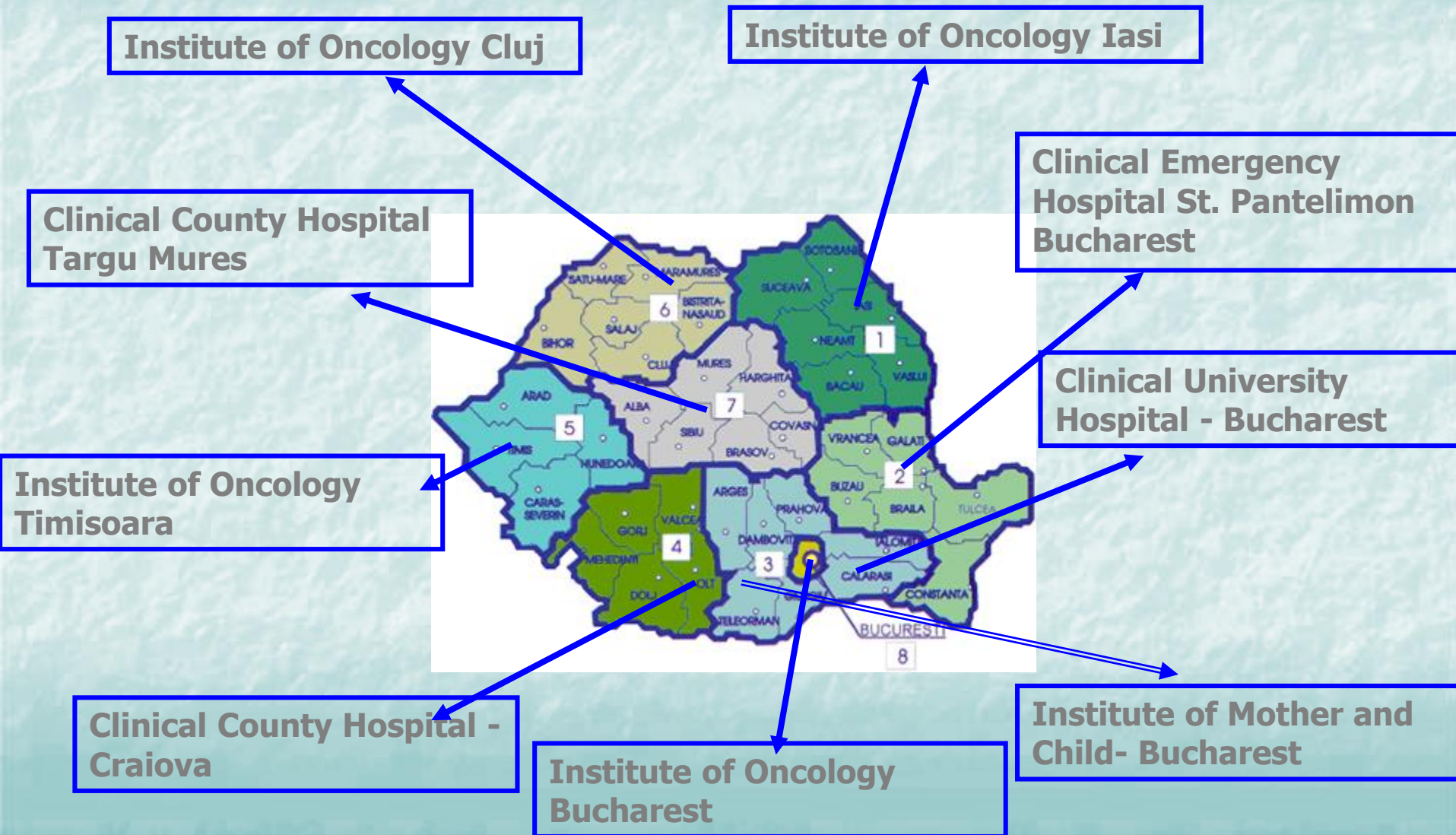
**Cervical cancer strategy  
development**

**Proposals for improvement**

**International contacts**



# Regional Management Units



# Regional Management Unit

Staff:  
- recommended -8

Identifies, selects, validates  
screening networks

Elaborates and maintains  
the list of screening networks

Training of all screening staff

Plan, performs and monitors the FP training

Regional IEC campaigns

Establishes partnerships with third parties  
for regional implementation

Maintains the regional screening registries

Monitors regional programme  
specific indicators

Data quality control

Participates to the programme information system

Maintains the eligible population database

Performance assessment of health services

Elaborates the regional programme reports

# Screening network

## **Information and counseling centres**

**Primary health units**

- information,
- counseling
- lesions management

## **Cytology laboratory within screening centre/**

**other laboratory**

- coloring
- interpretation
- indicate the paths according to results

**Screening centre -  
Hospital with  
OBGY facility  
+ cytology laboratory**

## **Smear taking centres**

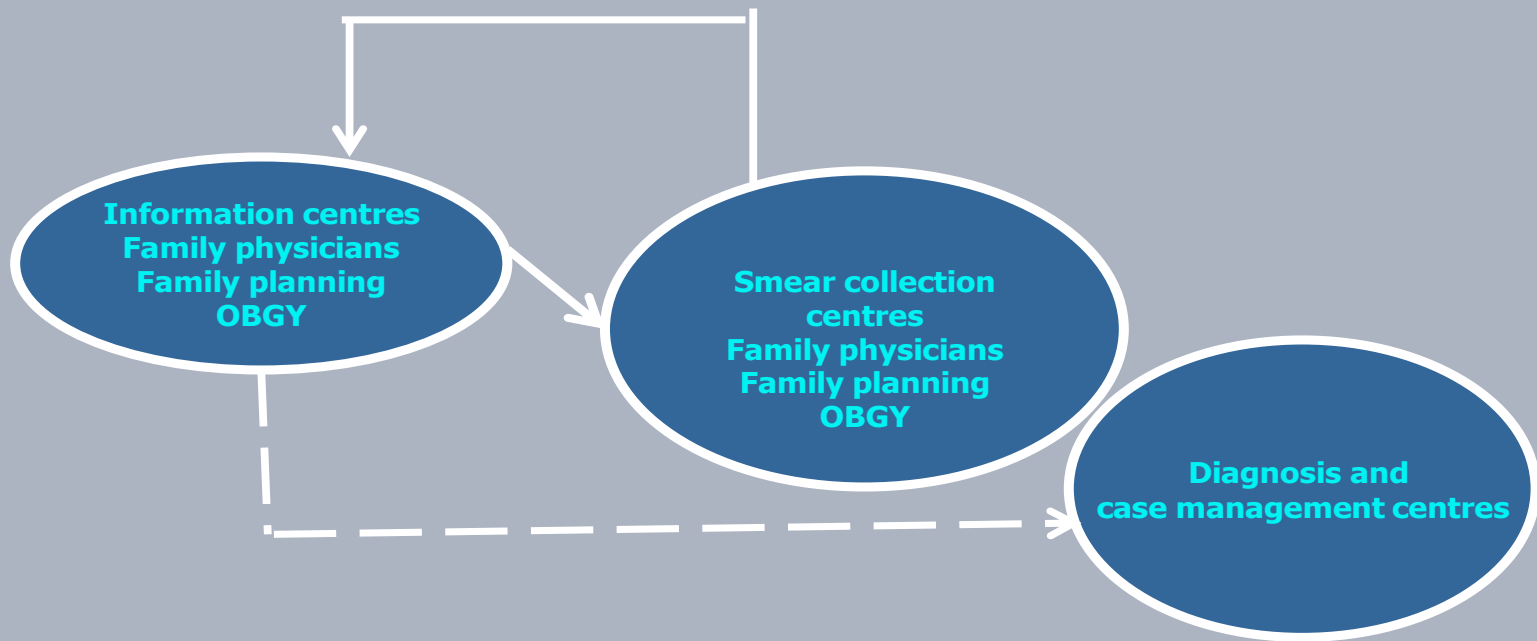
**OBGYN units/  
OBGYN ambulatory/  
primary health offices/  
family planning offices**

## **Diagnostic and treatment centres**

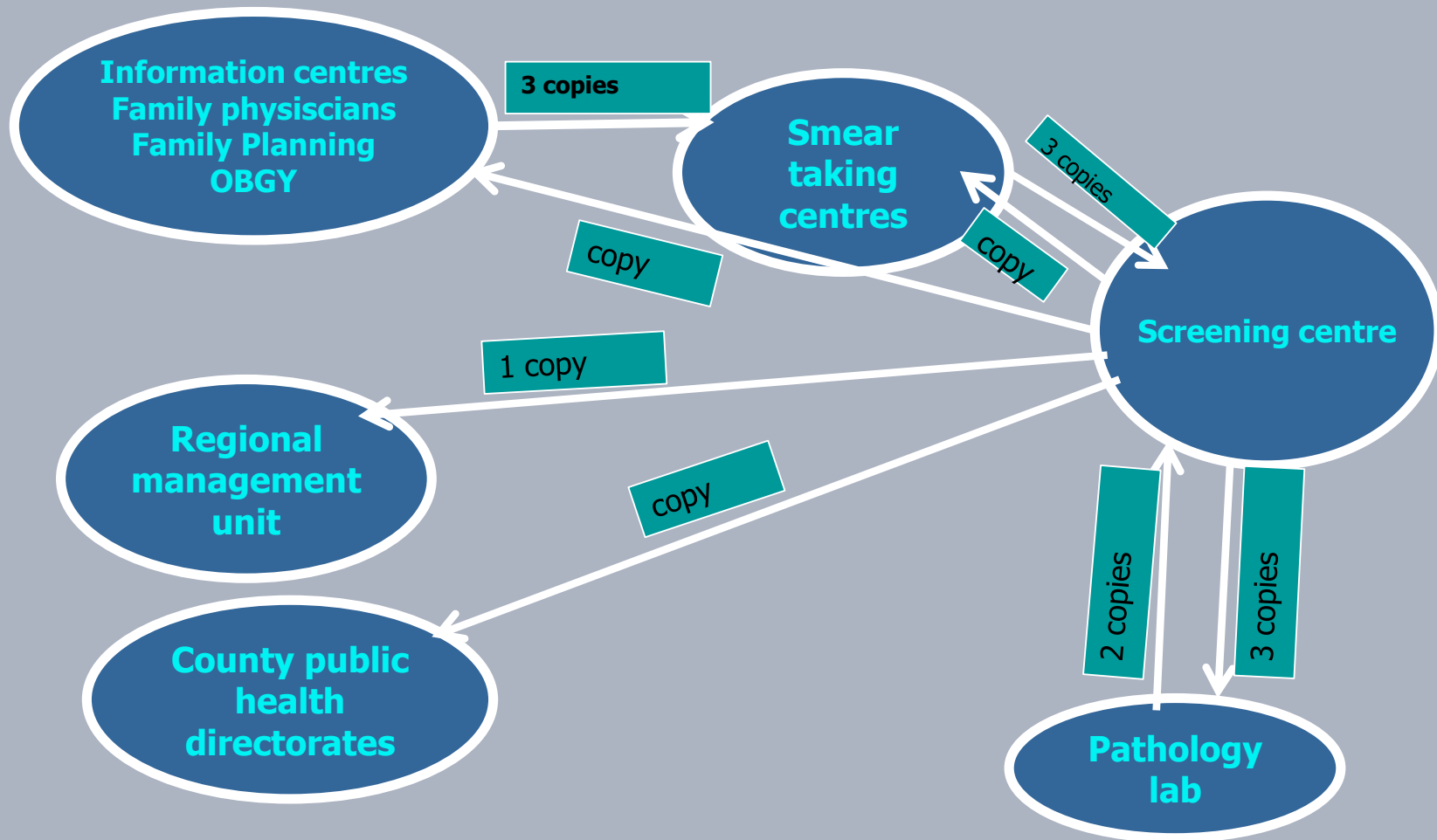
**(precursory and incipient lesions)**



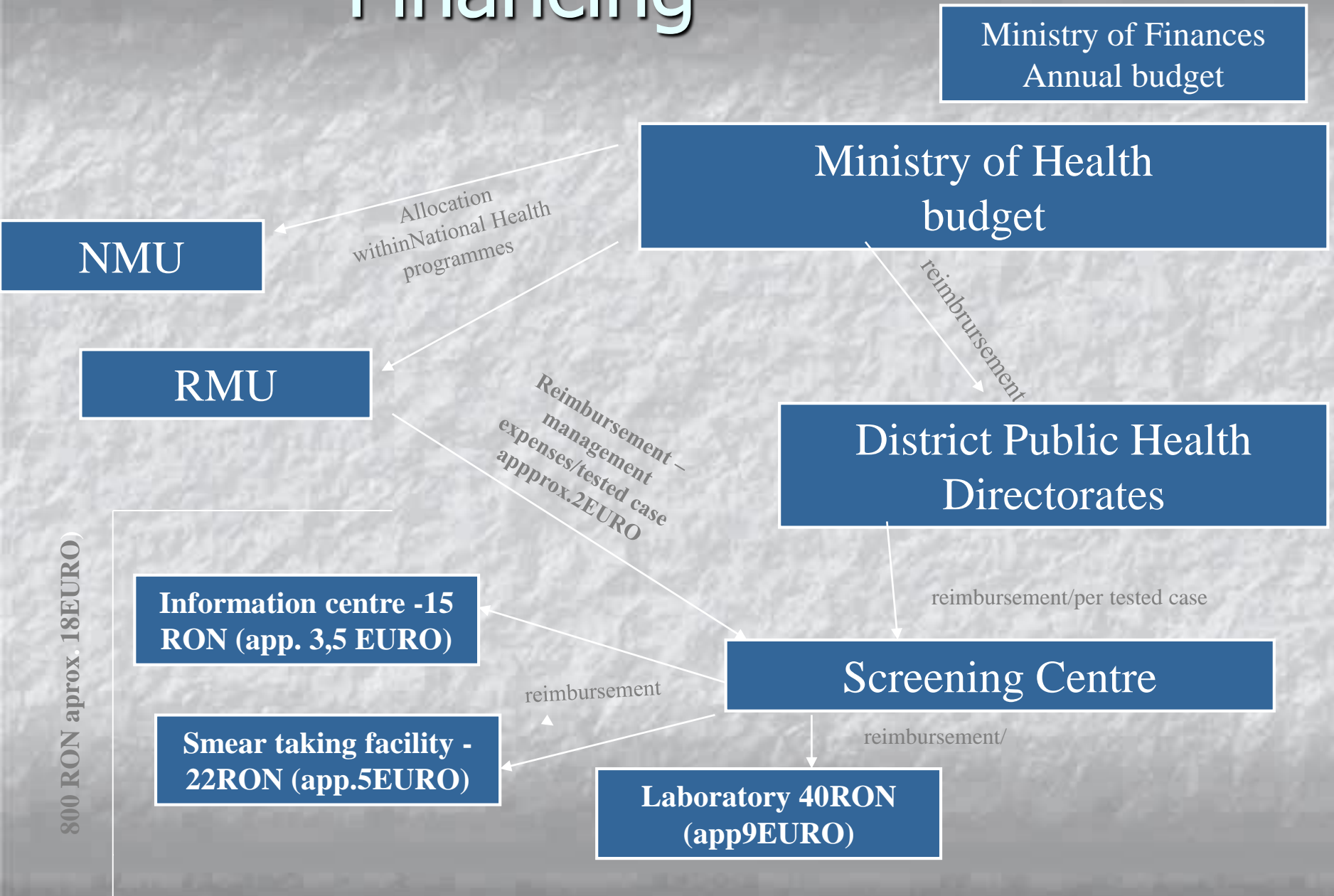
# Patient path



# Documents path



# Financing





# Organization and objectives

- population eligible: **25-64** years old, not previously diagnosed with CC and no prior total hysterectomy;
- total eligible population: **5,638,536** ;
- proposed coverage of eligible population: **>50%**;

# Eligible population by region and age group

Region/ County	Age group								Total
	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	
<b>Total Ro</b>	<b>636,401</b>	<b>749,707</b>	<b>756,054</b>	<b>856,309</b>	<b>531,963</b>	<b>677,525</b>	<b>759,139</b>	<b>671,438</b>	<b>5,638,536.00</b>
<b>NORTH-WEST</b>	87,042	96,781	97,559	103,198	74,360	88,450	94,737	84,105	726,232.00
<b>CENTRE</b>	76,275	88,433	87,924	94,586	65,301	82,097	92,226	75,844	662,686.00
<b>NORTH-EAST</b>	93,448	112,313	116,968	128,874	80,477	101,300	114,109	104,800	852,289.00
<b>SOUTH-EAST</b>	73,304	91,289	94,824	109,971	65,264	87,842	101,691	87,471	711,656.00
<b>SOUTH-MUNTENIA</b>	89,155	108,316	116,932	139,140	79,861	99,851	114,881	108,613	856,749.00
<b>BUCURESTI-ILFOV</b>	98,559	112,969	96,233	108,726	59,909	83,003	93,749	74,000	727,148.00
<b>SOUTH-WEST</b>									
<b>OLTENIA</b>	59,684	72,010	76,447	90,867	55,873	70,387	75,041	72,050	572,359.00
<b>WEST</b>	58,934	67,596	69,167	80,947	50,918	64,595	72,705	64,555	529,417.00

# Results

year	no.tests	positive results		malignant lesions	
		no.	%	no.	%
2012	91,200	10,944	12	549	5.02
2013	240,000	18,864	7.86	756	4.01
2014	126,025	7,568	6.11	526	3
2015	62,203	4,725	7.6	256	5.4
2016	47,223	3,012	6.4	124	4.1



# Main problems

- Coverage
- Quality
- Finalization of positive cases
- Coverage vs.quality
- Pressure for immediate results
- Information
- Workforce
- Ownership of the programme

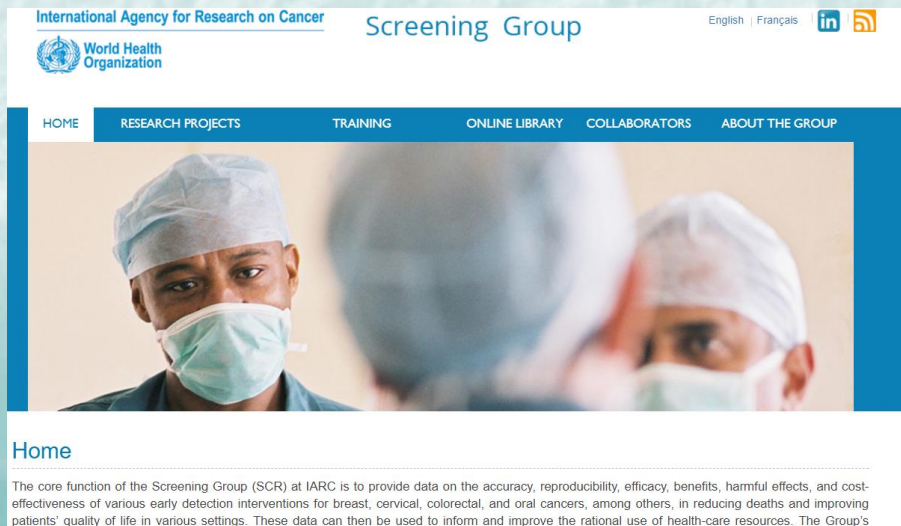
# Solutions

- New protocols based on European guidelines for quality assurance in cancer screening programmes – supplements
- Investment in infrastructure
- New legislation



# Opportunities

- International collaborations;
- External funding for capacity building;
- Increased interest of the population;
- The body of existing evidence





# Threats

- Economic crisis;
- Demotivated staff;
- Sudden changes in legislation and vision;
- Budget cuts;
- Staff reduction;

## Activities

## Sources of financing

- |  |   |  |
|--|---|--|
| ■ Investment in infrastructure (mobile units, laboratory technology, treatment equipment;)                       | ➡ | ■ World Bank loan                                      |
| ■ Implement new screening strategy – European Guidelines for Quality Assurance in CC Screening Programmes – 2015 | ➡ | ■ Structural funds, Norwegian grants, national budget; |
| ■ Training   | ➡ | ■ Strctural funds;                                     |
| ■ Information system fully implemented;  | ➡ | ■ National budegst, norwegian grants;                  |
| ■ Information, communication campaign;   | ➡ | ■ National budget, structural funds;                   |

Multumesc, Dank u, Obrigado, Gracias, Hvala  
Lepo, Merci, Thank you!

