

ROMANIA



**MINISTRY OF ENVIRONMENT
AND WATER MANAGEMENT**



Romania EU Accession process

WATER SUPPLY AND SEWERAGE SYSTEMS

- NEEDS AND COSTS -

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Office Head

Romania key figures :

2007 - accession in EU

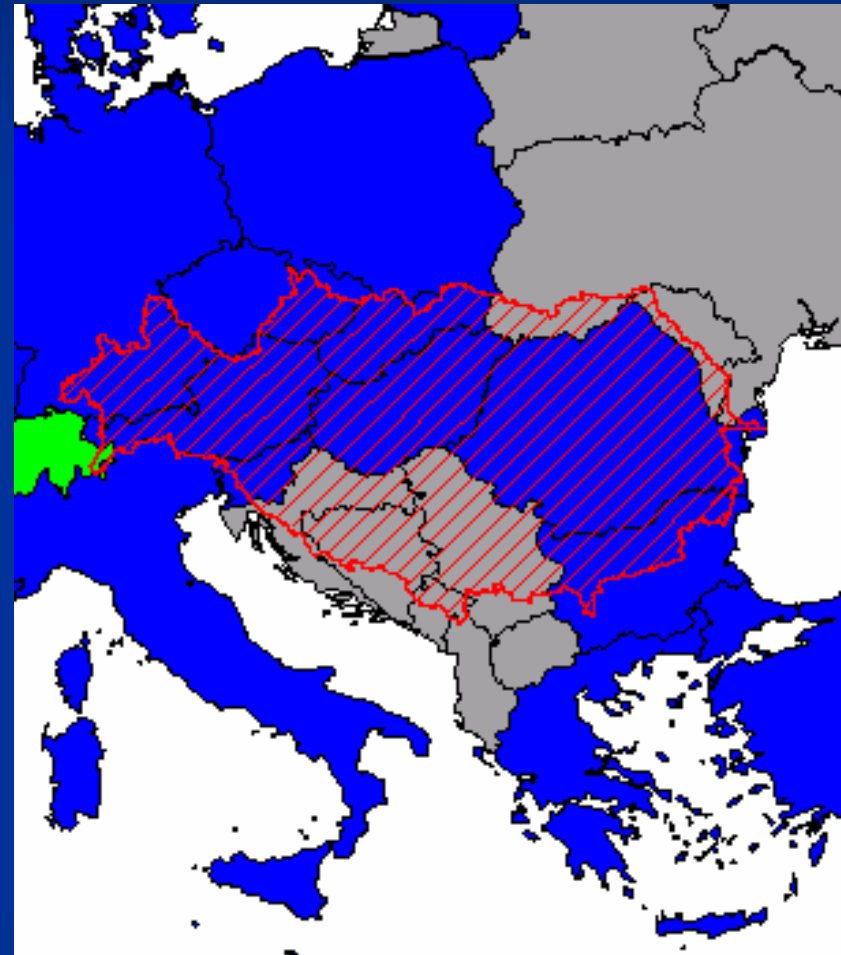
22 million inhabitants

54% - Population served by water supply systems and waste water treatment plants

16% - Population served only by drinking water supply systems

30% - Population without public service

Hole territory (238.391 km²) of Romania sensitive area in the Danube catchments area



Position Document Chapter 22 - Environment

Negotiations opening chapter 22 - 21 March 2002

Informal consultation - July 2002 - March 2003

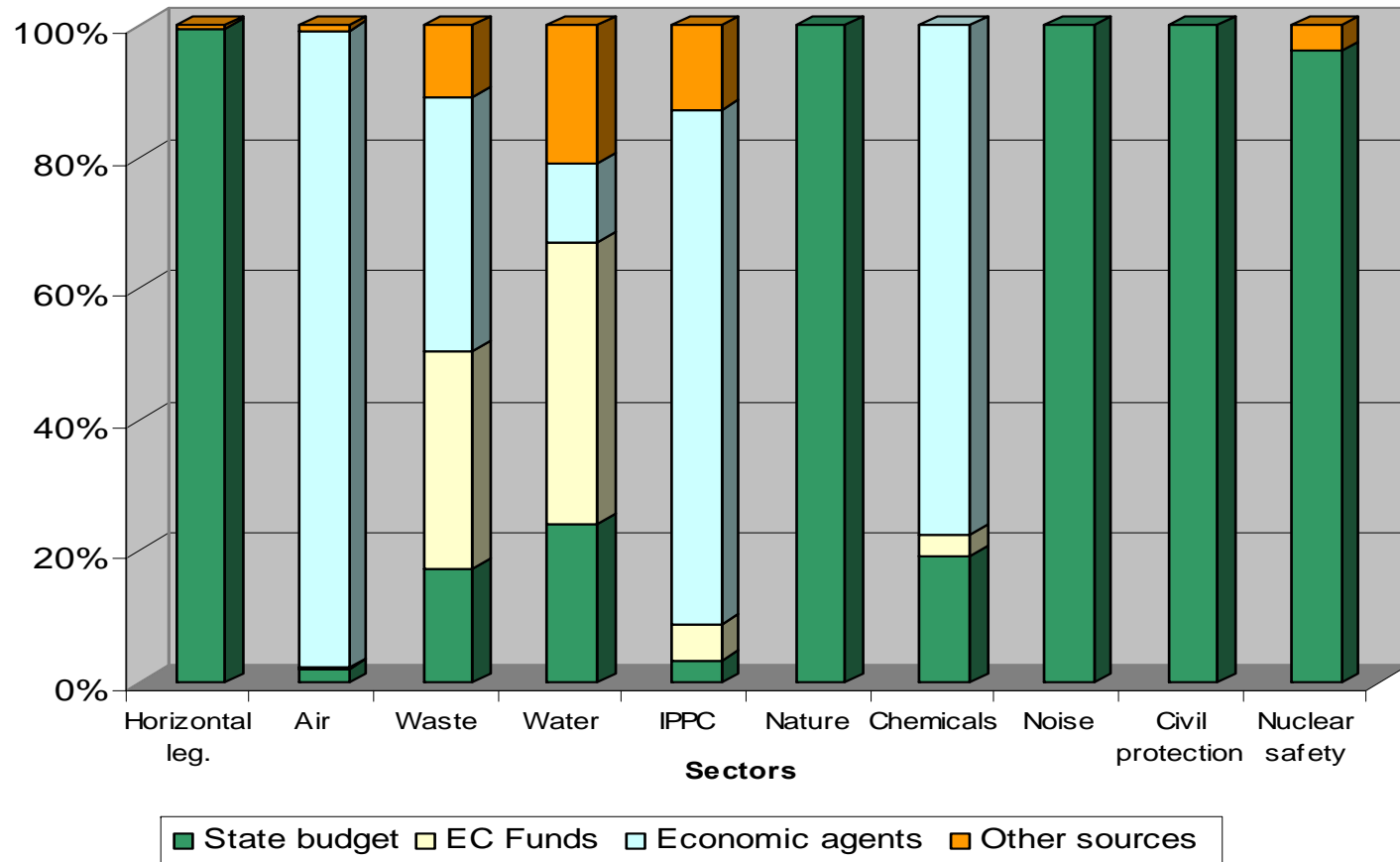
First technical consultations – 20 - 21 January 2004

Finalization of the complementary position document – 1st part and official submitting to start the negotiations – June 2004

Closing of the 1st part of chapter 22 – Environment – with the approval of 5 proposed transition periods - 23 September 2004

Closing of the 2nd part of the chapter 22 – Environment – with the approval of 6 proposed transition periods – 26 November 2004

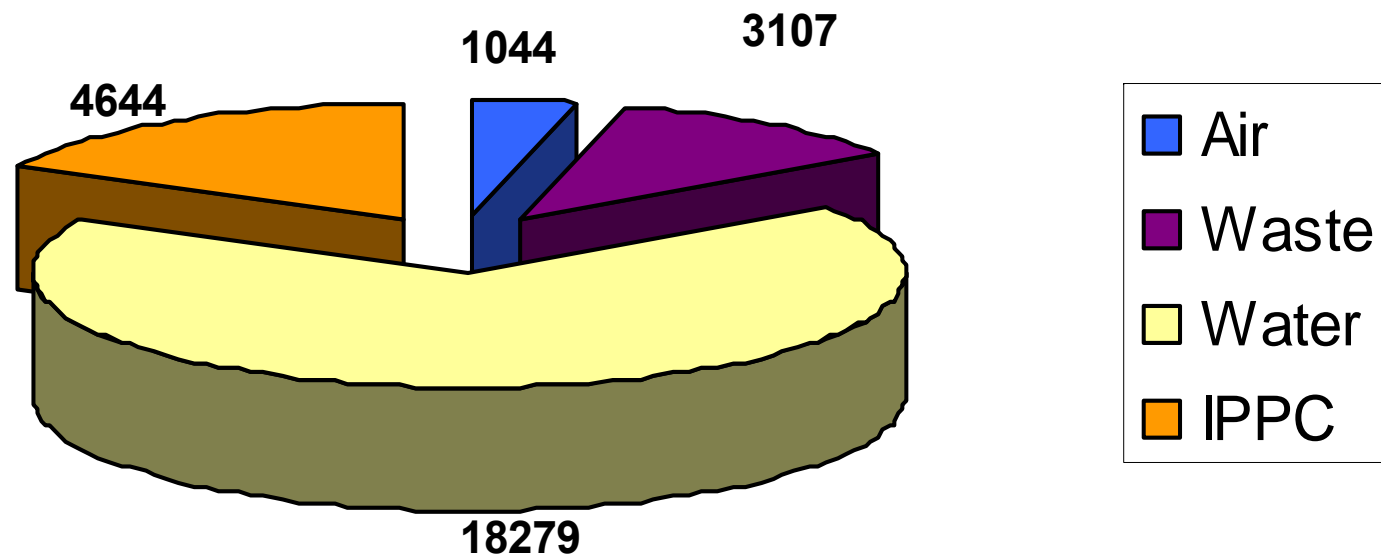
**Implementation costs of the environmental acquis communautaire
- spread of financial sources on each environment sector -**



Total value: 29.3 billions Euro

Distribution of implementation costs

Implementation costs for the most expensive environment sectors (MEuro)



Wastewater treatment:

The Urban Wastewater Treatment Directive implementation requires investments of **9.5 billions Euro** necessary to:

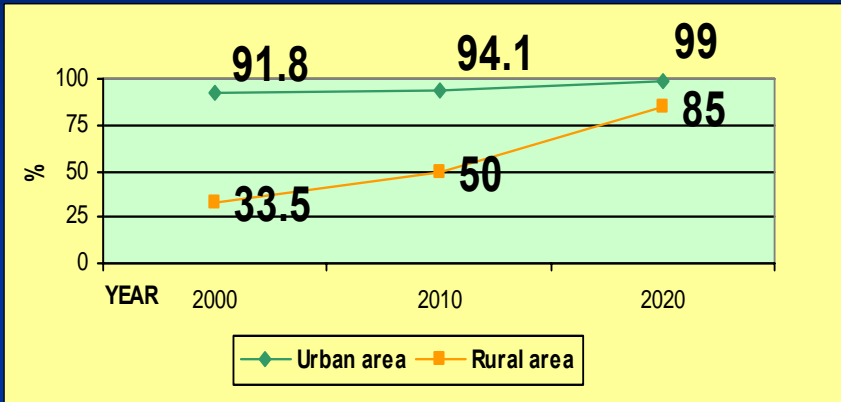
Implementation of measures:

- Construction of new urban waste water treatment plants;
- Up-grading of the existing urban waste water treatment plants;
- Up-grading of the existing waste water treatment plants in the agro-food industry;
- Rehabilitation of the existing urban sewerage collecting systems;
- Construction and/or extension of urban sewerage collecting systems.

Costs for Drinking Water Directive implementation:

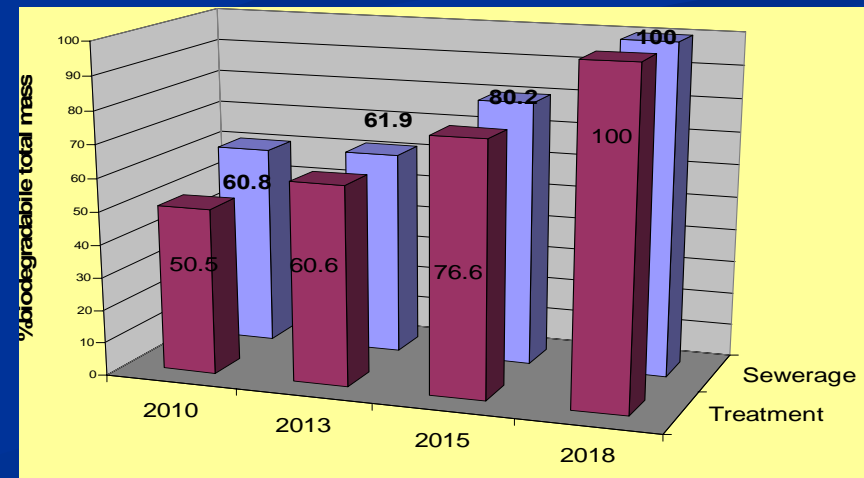
•Purpose	Amount	Time / period
County-wide monitoring of drinking water quality – new analytical equipment for 5 regional and 42 territorial laboratories of the MH	EUR 2.5 million	2004 - 2005
Investment in equipment for control monitoring performed by the producers	EUR 5.6 million	2004 - until the rehabilitation of the water treatment plants
Improvement of technologies and extension of the water treatment	EUR 2,000 million	2004 – 2015
Rehabilitation and extension of the water supply networks	EUR 3, 600 million	2004 - 2015
Replacement of the domestic distribution systems	Not estimated yet	2004 - 2015
TOTAL	EUR 5,608.1 million	2004-31.12.2015

LONG TERM OBJECTIVES



Population access to the water supply

Sewerage and WW treatment



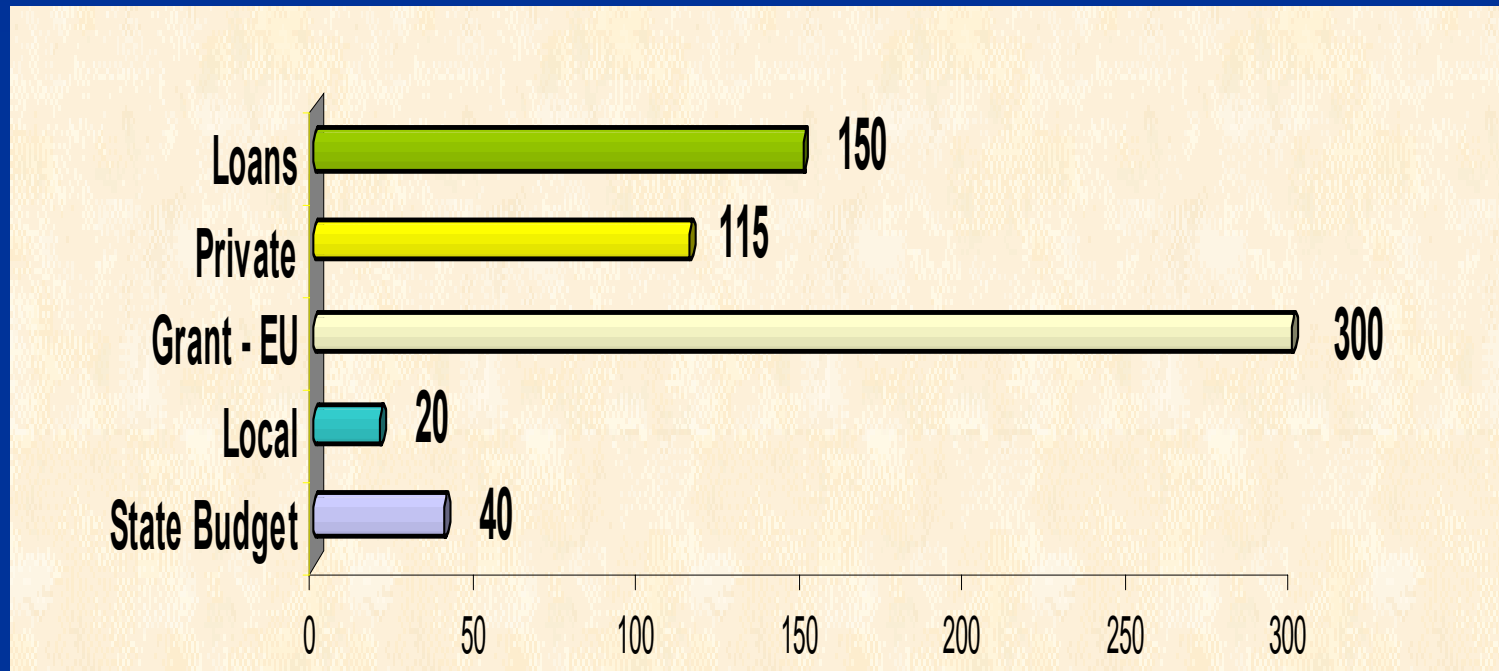
MEDIUM TERM OBJECTIVES

Gradual fulfillment of the EU requirements

EU Directives	Transition Period	Associated costs (billions EURO)
<i>Drinking Water</i> <i>98/83</i>	2015	5.6
<i>Waste Water</i> <i>91/271</i>	2018	9.5

INVESTMENTS FINANCING STRUCTURE

TARGETED SOURCES BETWEEN 2005 – 2006
(million Euro/Year)



EU FINANCIAL INSTRUMENTS

EU GRANTS

PREACCESSION PERIOD

- ✓ **PHARE (MUDP, SAMTID)**
- ✓ **ISPA**
- ✓ **SAPARD – Measure 2.1**

POSTACCESSION

**COHESION FUND – FOLLOWING ISPA
STRUCTURAL FUNDS**

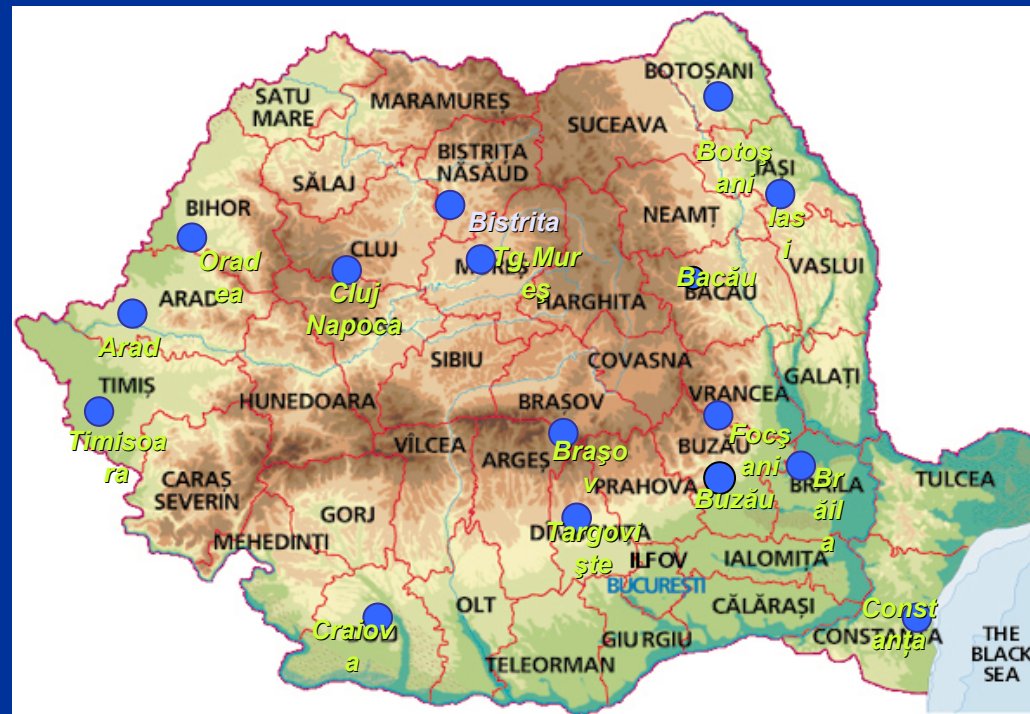
MUNICIPAL UTILITY DEVELOPMENT PROGRAMME

■ 15 towns \geq 150 000 inhabitants

Public Private Partnership

- on-going concession contracts : BUCURESTI, PLOIESTI
- under development : ARAD, CRAIOVA, CONSTANTA, TIMISOARA

■ Total investment Value : about 200 mil. Euro



Small and Medium Towns Infrastructure Development (SAMTID)

14 Association of Municipalities (aprox. 80 towns)

- total investments value : 140 mil.Euro
- pilot phase: - started in 2004
- counties : Alba, Calarasi, Botosani, Cluj-Salaj, Hunedoara
- investment costs : 40 mil. Euro

Consolidation phase :

- started in 2005
- investments costs : aprox. 100 mil.euro



ISPA & Cohesion Funds

■ ISPA

Period : 2000-2004

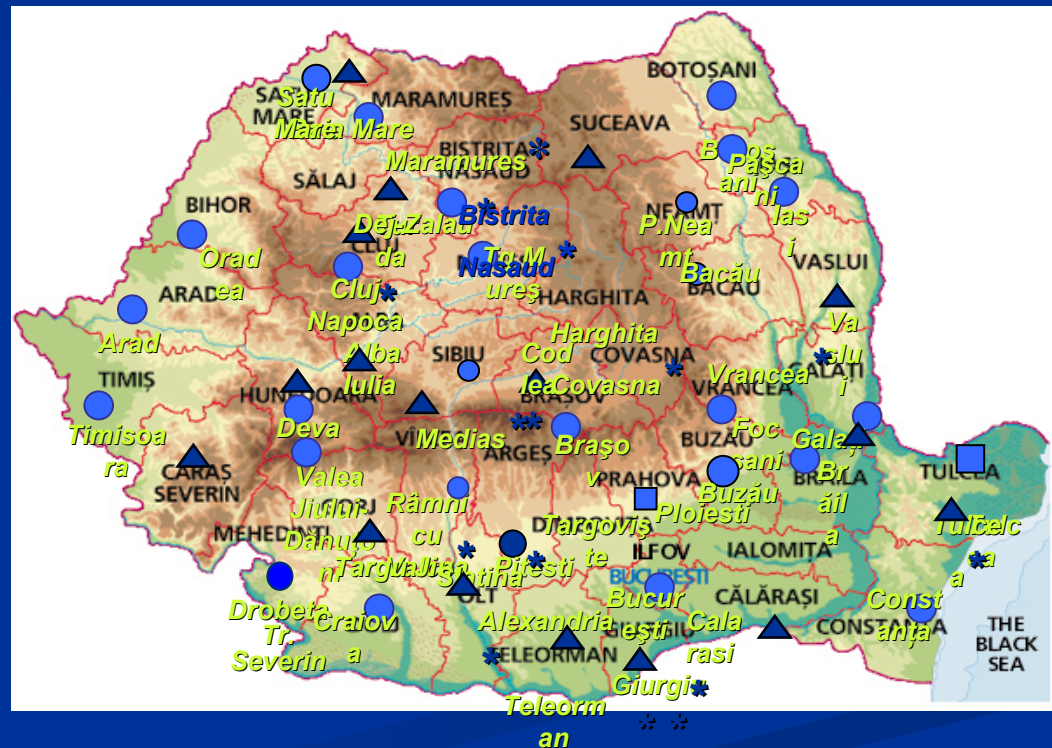
- 30 investment projects
- Value – aprox. 1 billion Euro

Period : 2005 – 2006

- under development
- other
- 5 projects

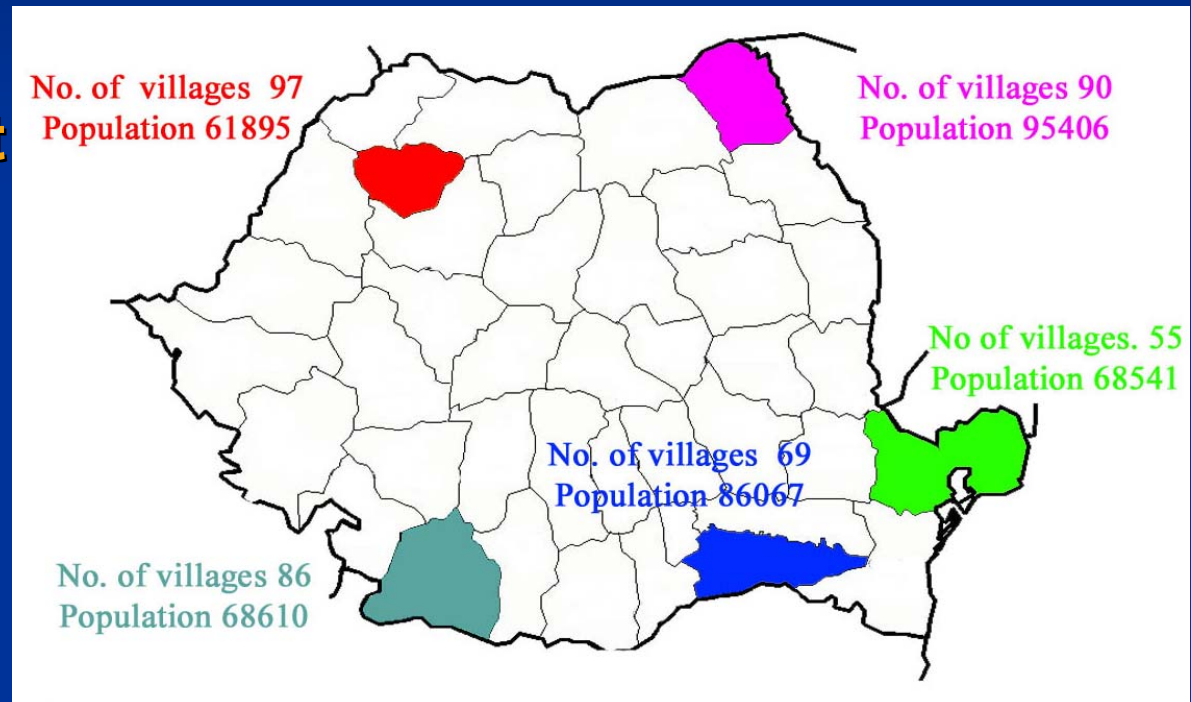
Cohesion Funds

- 3 times larger than ISPA
- under development



RURAL DEVELOPMENT PROGRAMME (RDP)

- Financed by World Bank
- Total investment value : 100 mil. US \$
- Starting date : 2005
- Pilot phase: 5 counties



INVESTING IN ROMANIA IS AN OPORTUNITY

