



WEST REGION ROMANIA

WEST REGION – OVERVIEW

West Region is traditionally a part of Central Europe

Distances:

Budapesta – 330 km

Belgrad – 160 km

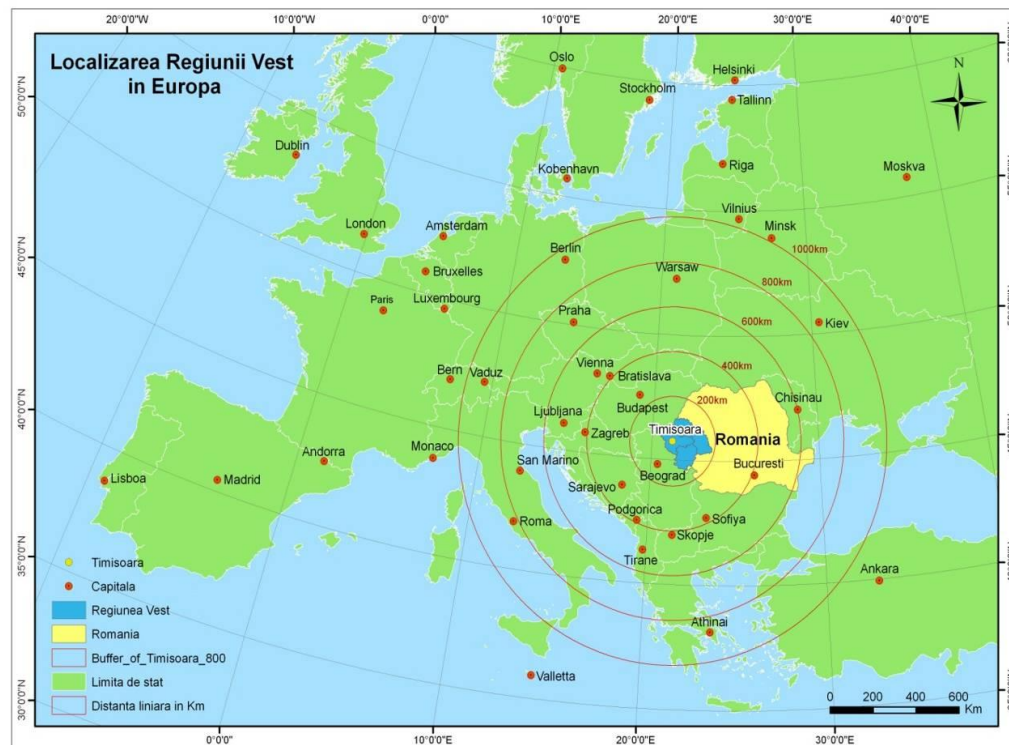
Viena – 570 km

Munchen – 1,020 km

Bruxelles – 1,700 km

Roma – 1,560 km

Stuttgart – 1,250 km



Agenția pentru Dezvoltare Regională Vest

WEST REGION – OVERVIEW

(2011 data)

4 counties

Surface: **32.034** sqm

Population: **1.919.434**

Graduates: **20.789**
Enrolled students: **72.124**

Regional GDP **51,6%**
from EU 27 average
GDP: **12, 04** bil. Euro

SMEs: **40.830**
Export: **5,2 bil. Euro**
ILO Unemployment Rate :
3,7%



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WEST REGION – OVERVIEW

RTDI SUPPLY

Timisoara – the major research centre of the region

Research Institutions: machine building, welding and material testing, Chemistry - **4.055 employees**

Universities:

7 public and

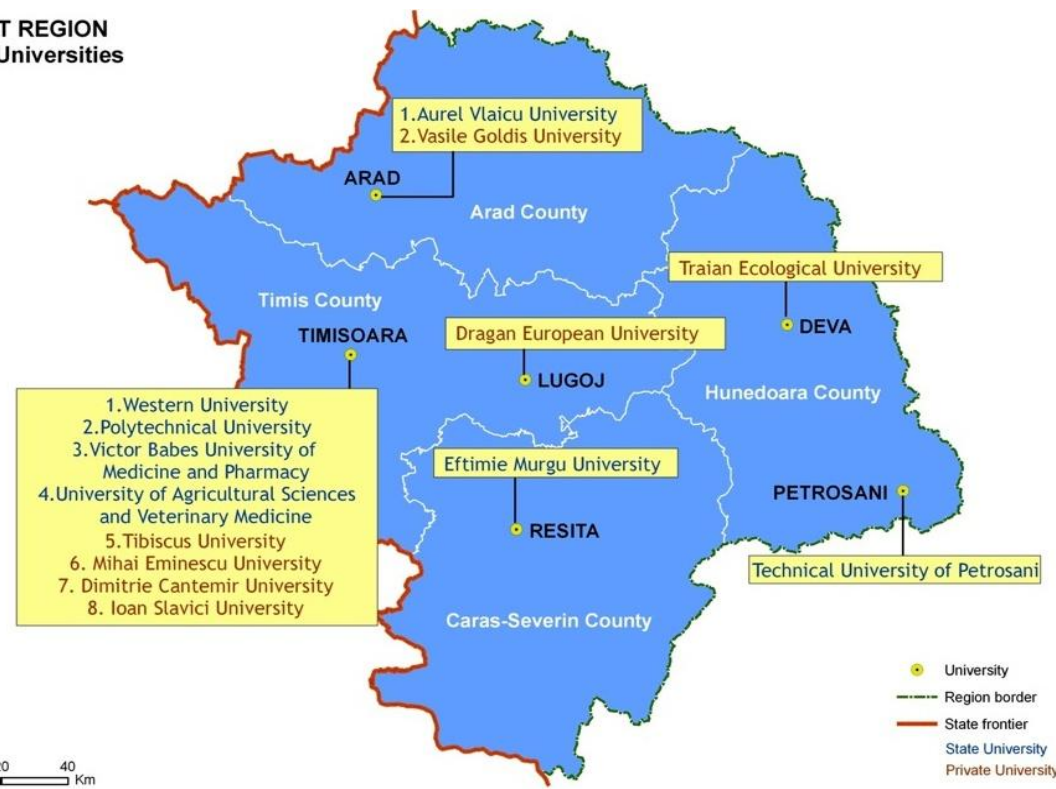
7 private

3.164 Teachers

Students in the region: **72.124**

20.789 graduates /year

WEST REGION Main Universities

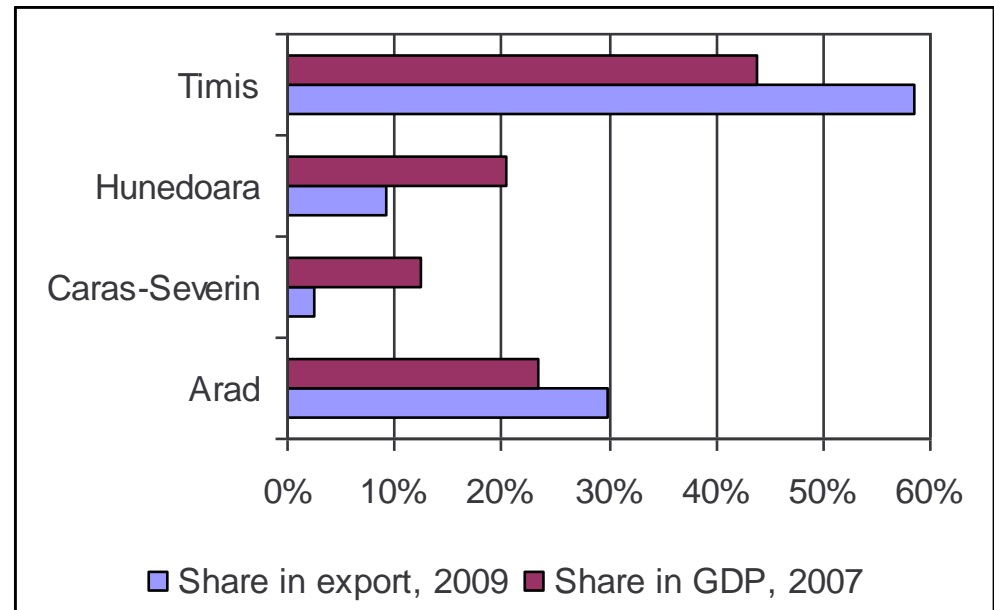


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WEST REGION – OVERVIEW

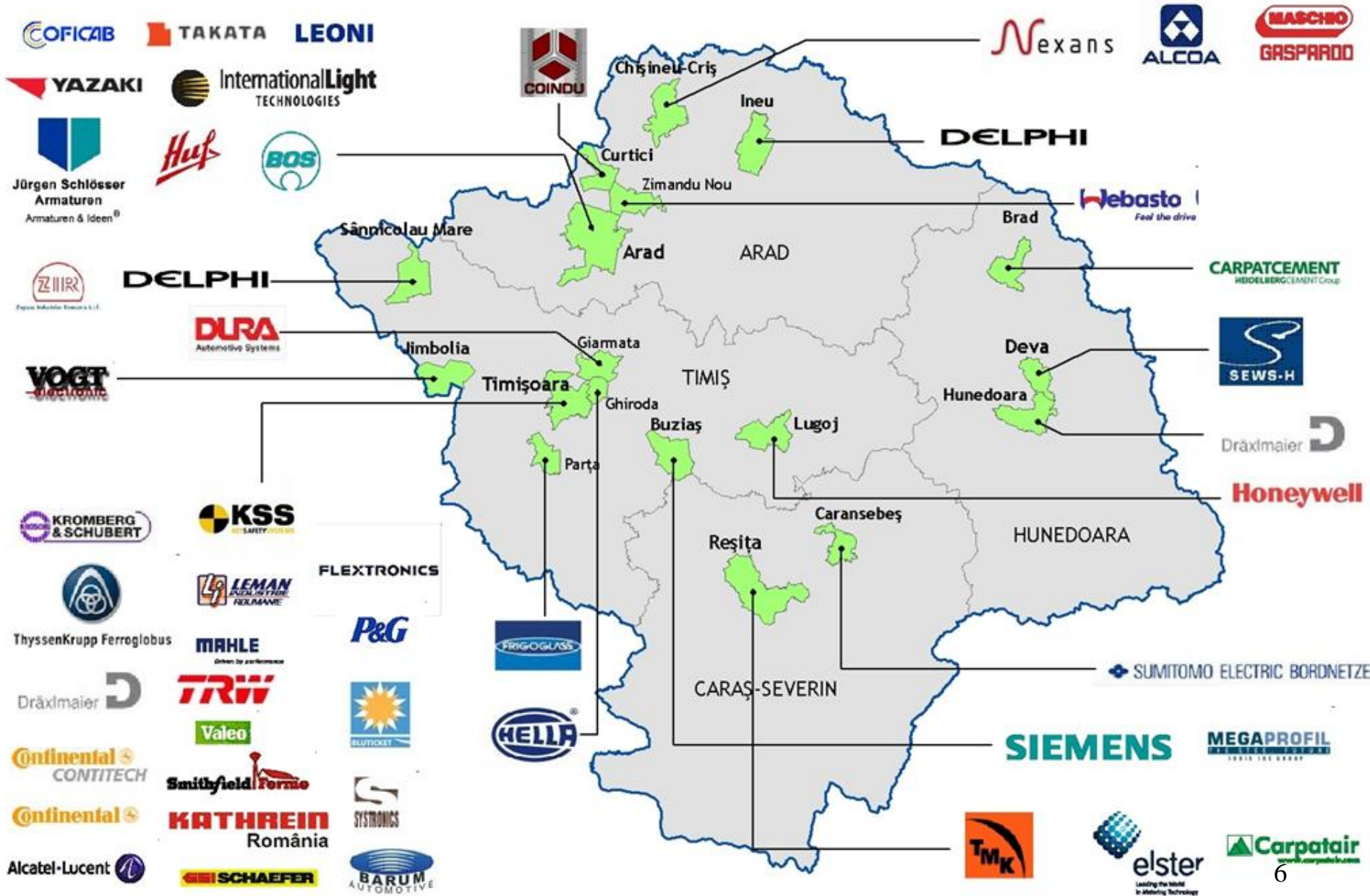
Economy

- Sectors: ICT & electronics, machine tools, automotive, agro-food
- More than 3.095 mil euro attracted through FDIs in 2009
- Competitive exports

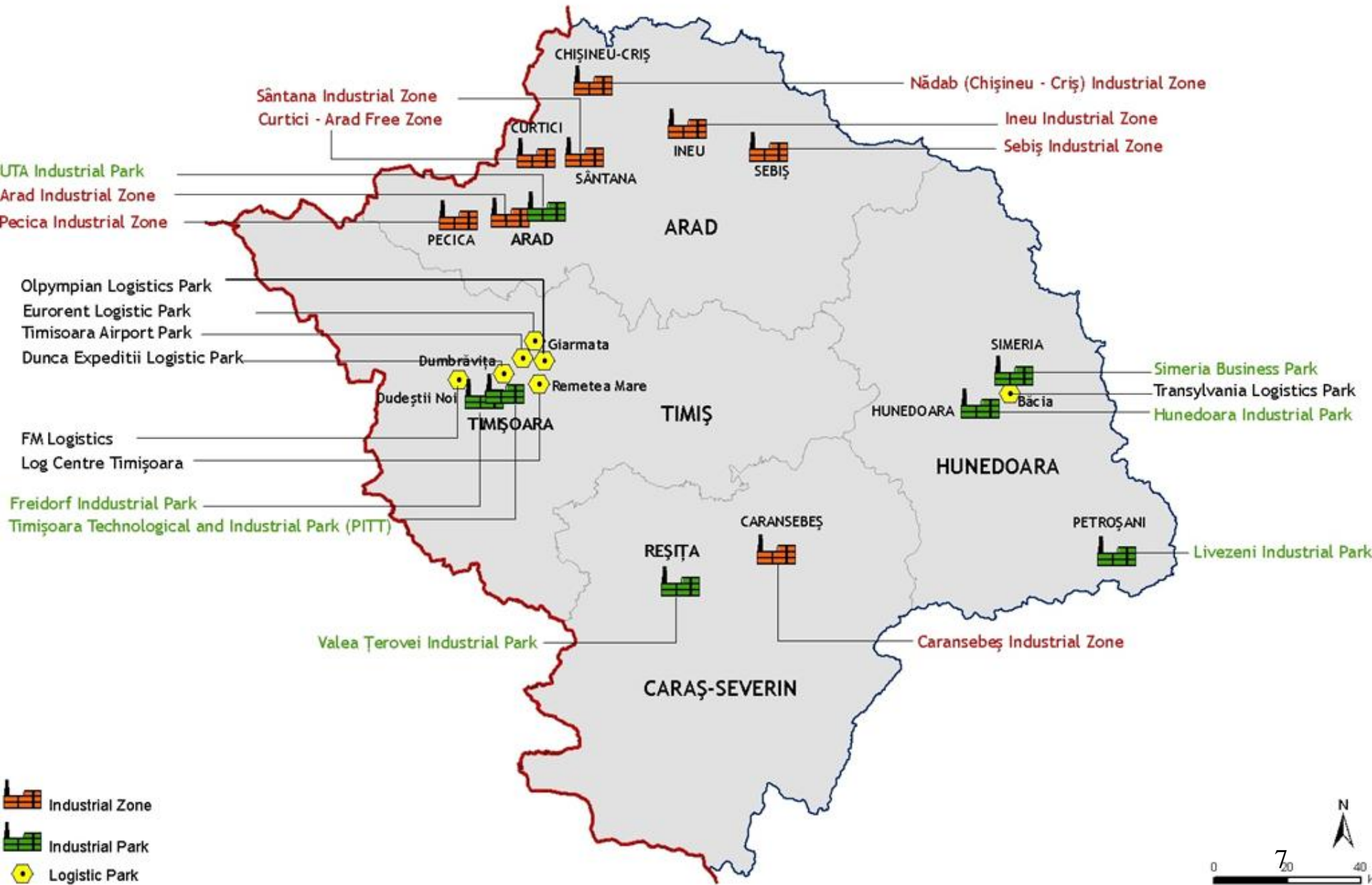


Agenția pentru Dezvoltare Regională Vest

The Main Foreign Direct Investments in WEST REGION



Industrial and Logistic Infrastructure in WEST REGION



WEST REGION – COMPETITIVE ADVANTAGES

Regional Economy

- growing region; traditional industrial area; business locations; clustering

Strategic location

- border area; TEN T Network; international airports

High Quality of Human Resources

- young; good coverage of all qualification levels; diversity and multiculturalism

Quality of Life

- good cost of living; tourism; unique natural elements; rich natural resources

Advanced Services

- Customers services; headquarter for multinational company

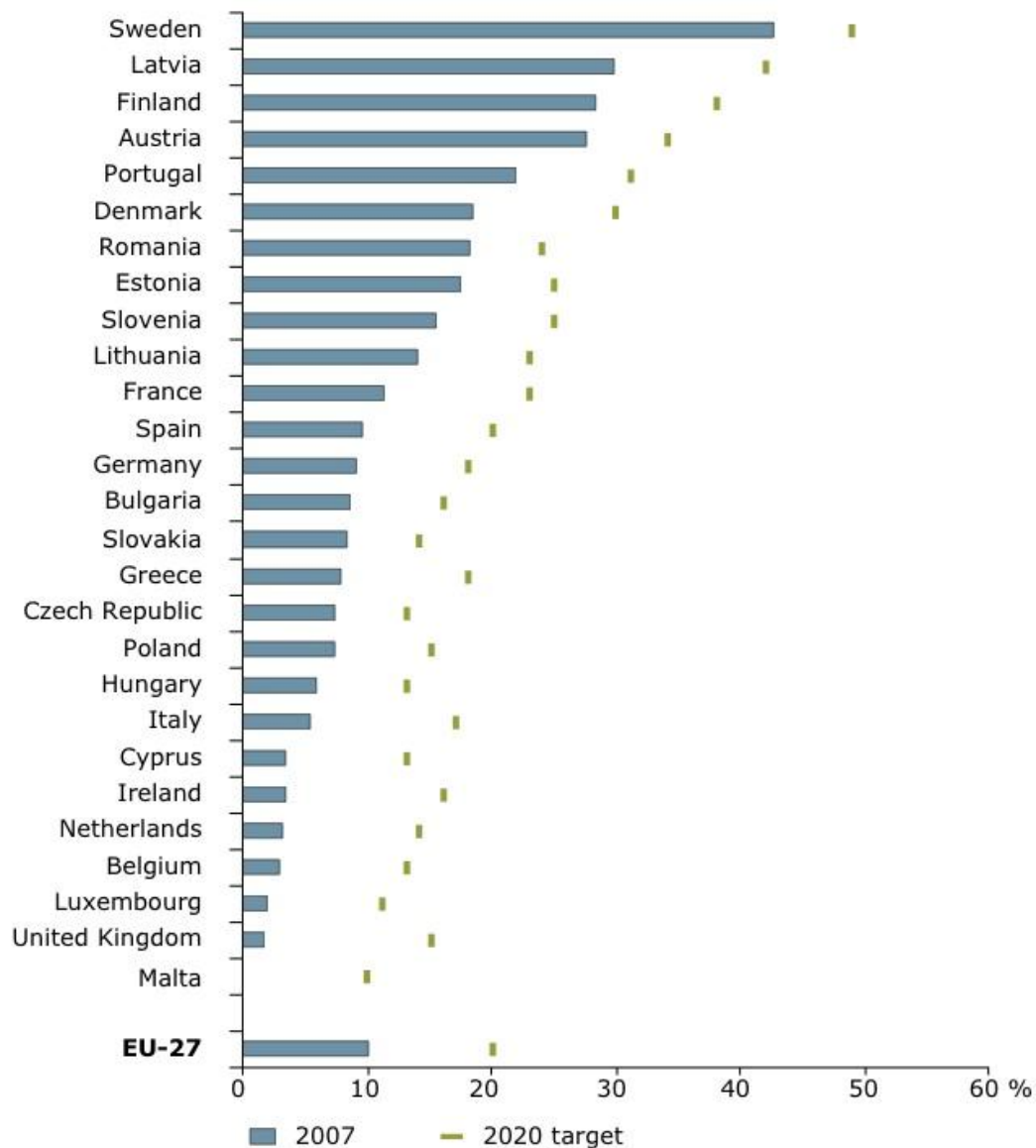
WEST REGIONAL DEVELOPMENT AGENCY



West RDA Headquarters
Dechan Palace, Timisoara

- Management of Funds
 - Planning
- Attraction of Investments
 - Innovation
- Clustering – Automotive, ICT
 - International relations

Figure 2.5 Share of renewable energy in final energy consumption in EU-27 in 2007 compared to 2020 targets (F)

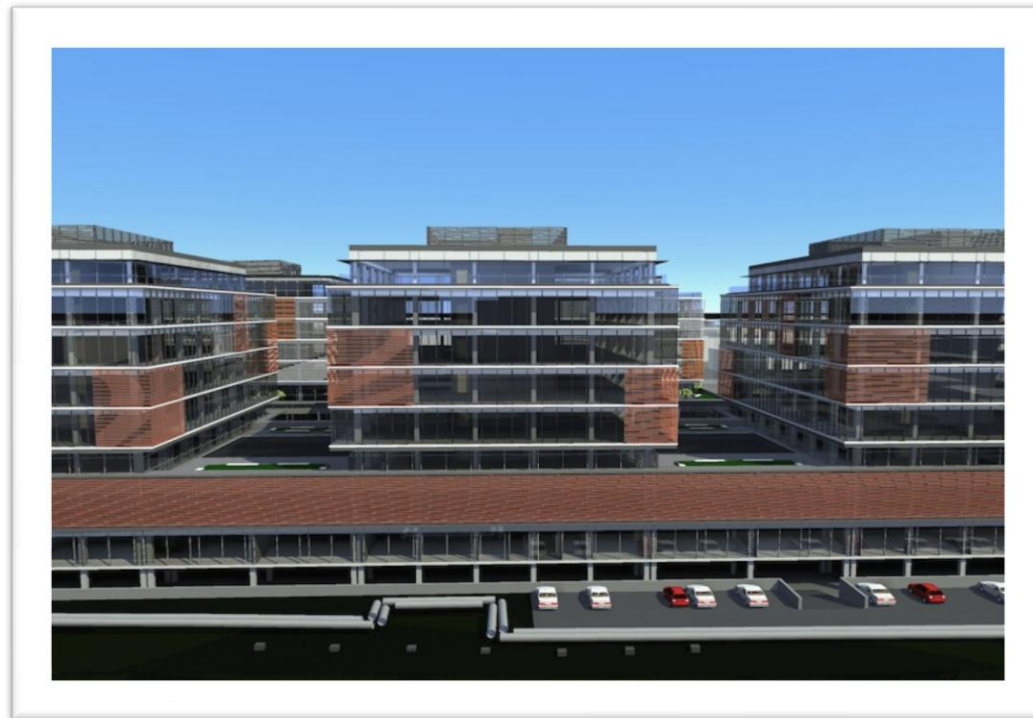


Source: EEA; Eurostat.

Investments in the sustainable sector funded through Structural Funds

City Business Center Timișoara

Funded through the Regional Operation Programme - Axis 4.1



Investments in the sustainable sector funded through Structural Funds

Technological Park for renewable energies

Funded through the Regional Operation Programme – Axis 1

Value: 12 meur



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NEW PROGRAMMING PERIOD 2014-2020

OUR VISION

West Region, similar as profile with Central European well performing non-capital Regions:

- **a competitive, specialized and dynamic economy;**
- **human resources involved in sustainable jobs;**
- **prosperous and attractive community for living and visit;**
- **quality surroundings.**

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Regional Planning

1) Regional Development plan 2014-2020 – focus on sustainable development and the use of renewable energies

2) Regional Innovation Strategy 2009-2013 - *Eco-innovation priority*

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ENERGY EFFICIENCY IN WEST REGION ROMANIA

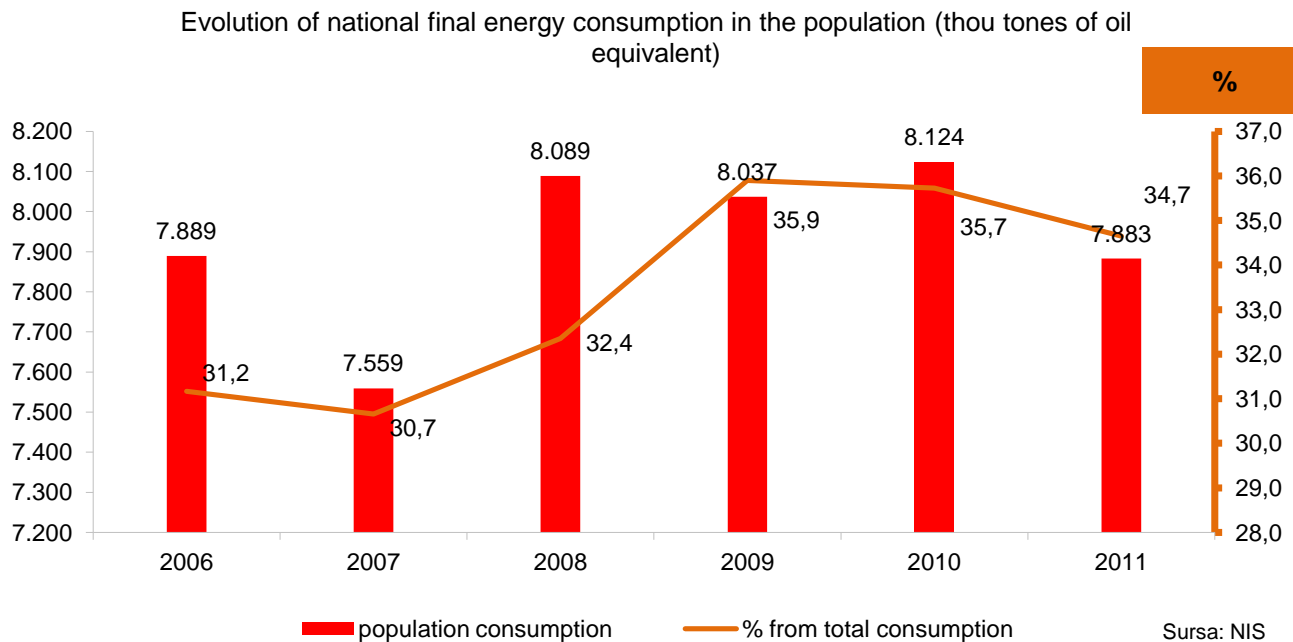
General framework

- Dwellings features in Romania and West Region Romania – 95,4% from the total buildings are residential in Romania
- Institutional capacity enhancement – West RDA is implementing the Regional Programme *Supporting investments in energy efficiency of housing blocks*
- Strategic framework – West RDA is developing the Regional Development Strategy 2014-2020 and the S3 Strategy
- Partnership framework – West RDA is partner in INTERREG projects concerning energy efficiency

ENERGY EFFICIENCY IN WEST REGION ROMANIA

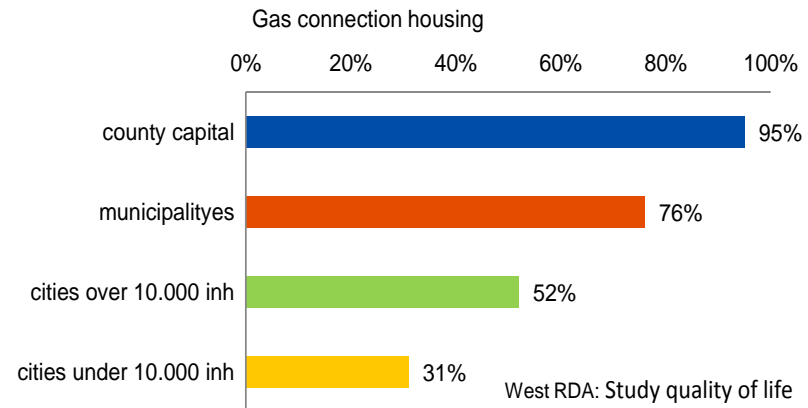
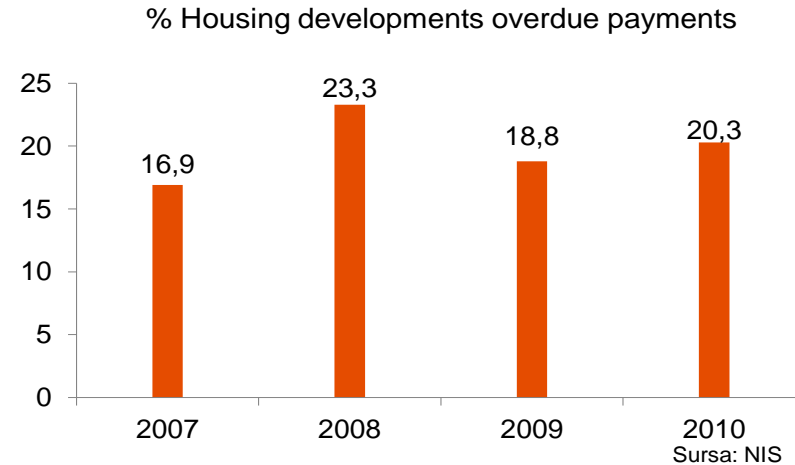
Dwelings features in Romania

- 95,4% from the total buildings are rezidential in Romania
- Over half of them are built builet before 1970 with weak energy performance between 37-220 kWh/m2
- Heat consumption for heating and hot water accounts for approximately 80% of household energy consumption in buildings.



Dwellings features in West Region Romania

- Over 95% of the house-holds are private propriety in West Region Romania facing increasing pressure of the energetic burden:
 - 20,3% of the households are having debts
 - 7000 appartments disconnected themselves from the centralised heating system in 2012 most probably due to the high costs
 - 41% of the house-holds consider heating costs a burden
 - Insulation of house-holds is mainly basic



Strategic framework

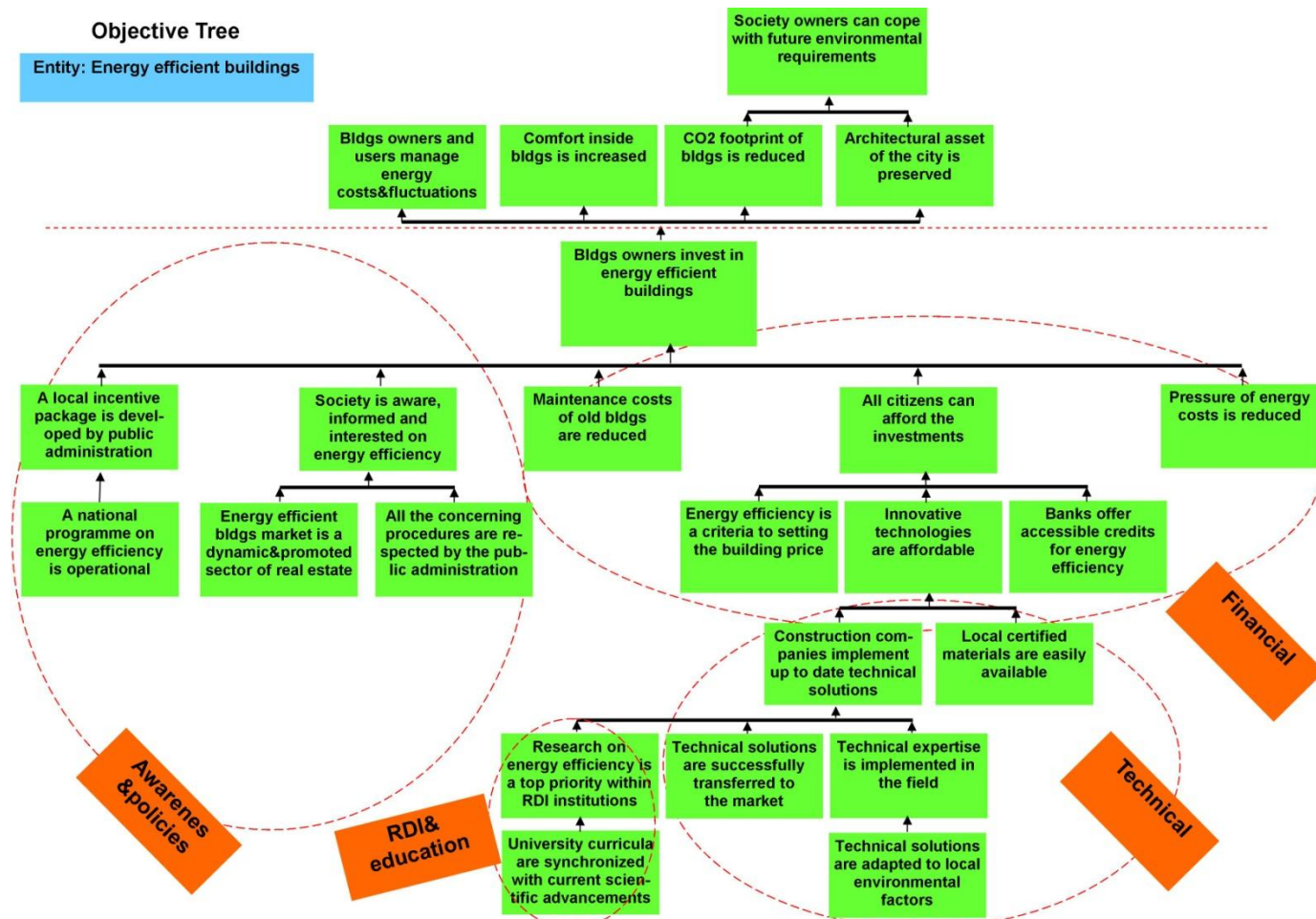
- **West RDA is developing the Regional Development Strategy 2014-2020 based on the new paradigm of *THEMATIC CONCENTRATION***
 - Improving environmental quality
 - Increasing energy efficiency in public and residential buildings (new and historical)
 - Harnessing the production and use of renewable energy
 - Protection, conservation and enhancement of biodiversity
- **and the S3 Strategy based on the new paradigm of *SMART, ENTREPRENORIAL DISCOVERY*,**
 - sustainable construction / urban regeneration was a candidate for smart specialisation
 - It has an unclear comparative advantage but could develop energy-efficient materials and materials testing

Integrated
and linked



Partnership framework

Partnership framework – West RDA is partner in INTERREG projects concerning energy efficiency



International projects with focus on sustainable energies

FRESH – Priorities



Sustainable constructions

Eco - innovation

CO2FREE – Priorities



Renewable energies

Energy efficiency

Sustainable transportation

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International projects

FRESH - Forwarding Regional Environmental Sustainable Hierarchies



- **2009-2013**
- **11 partners from 6 EU countries**
- **Budget: RDA West – 103127,29 EUR**

Objective: Strengthening Sustainable Value Creation via exchange of Good Practices on sustainable construction and alignment and input to smart specialization strategy at regional level

Main Results:

- Collection and Exchange of Good Practices
- Uptake at regional level of best practices such as Code for Sustainable Homes, BRE Environmental Assessment Method / BREEAM, Genuine Progress Indicator
- Support for developing smart specialization strategies via eco-innovation component of the FRESH project



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International projects

CO2FREE - Cooperation to Foster Renewables and Energy Efficiency



- 2010-2012
- 10 partners from 7 EU countries
- Budget: RDA West – 63280 EUR

Objective: to develop instruments for enabling regional authorities to address the challenge of energy efficiency and to prepare relevant Action Plans



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Results of International Cooperation

CO2FREE - Cooperation to Foster Renewables and Energy Efficiency

Main Project Result:

2 action plans on renewable energies

1. **Forest Biomass for Bio Energy in West Region Romania**
2. **Energy Efficient Buildings in West Region Romania**



Main Outcomes for West Region:

- **Regional Forest Resources Assessment in West Region Romania with focus on a biomass pilot project to determine the business opportunities resulted from forest biomass exploitation in West Region**
- **Study visit on renewable energies in North Karelia, Finland (end of October 2013)**

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www.adrvest.ro
www.westregion.ro