



EUROPEAN UNION



GOVERNMENT OF ROMANIA



SERBIAN GOVERNMENT



Structural Funds
2007-2013



ENVIROBANAT
Common History, Common Future

Contribution of the IPA-CBC Romania-Serbia to the development of the Laboratory for Environmental Protection and Energy Efficiency at the Technical Faculty “Mihajlo Pupin”, University of Novi Sad

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Ečka

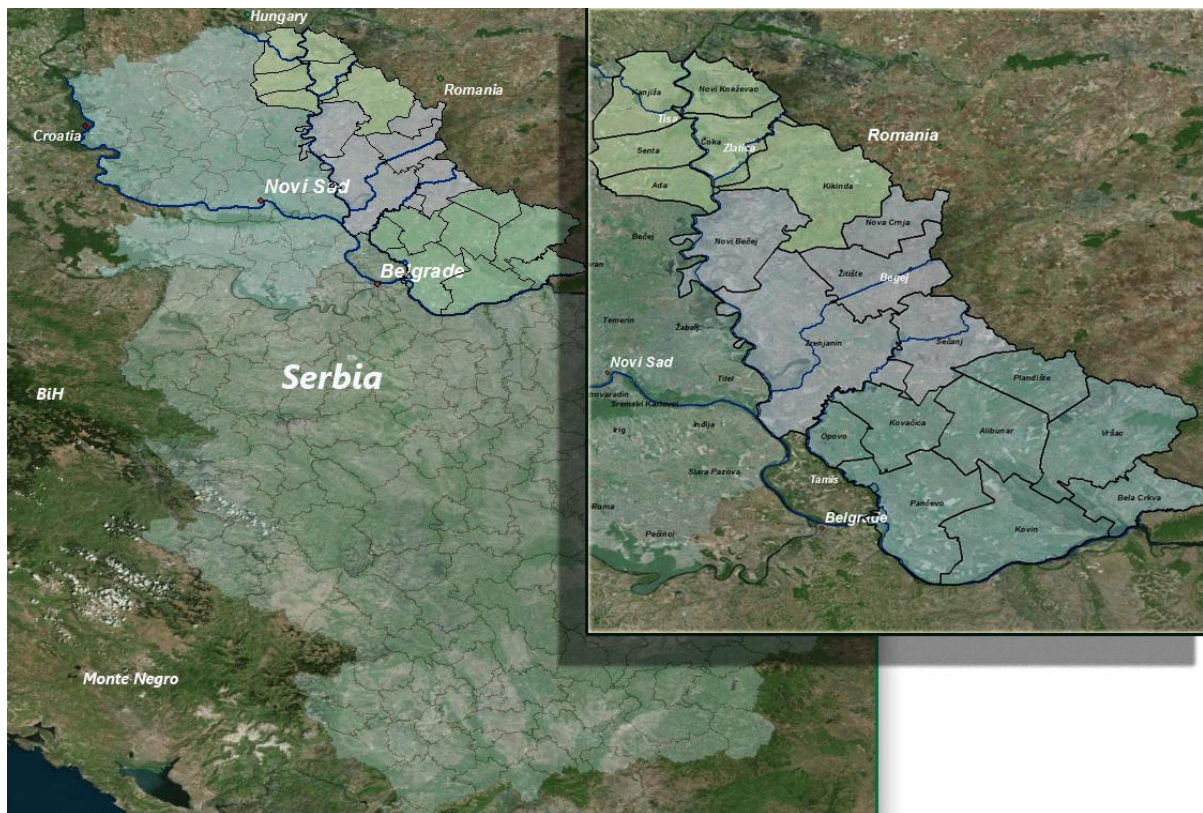
5. september 2013.



Romania-Serbia

Common borders. Common solutions.

Geographical position, general data



Area		Population,		Population density, inhabitants/km ²	Arable area, %
9 830 km ²	12 %	623 868 inhabitants	8,76 %	73	85

CARDS NEIGHBOURHOOD PROGRAM ROMANIA - SERBIA, 2009

Project title: “Banat region’s sustainable development academic camp”

Partner: “Politehnica”, University of Timisoara, RO

Total amount: 49350.00 EUR; Serbian part: 45000.00 EUR

- The idea of establishing the study program for the Environmental Protection Engineering at the Technical Faculty “Mihajlo Pupin”, University of Novi Sad;
- The Department for Environmental Protection Engineering was established in 2011;
- The first generation of students enrolled in studies in 2011.

IPA CROSS-BORDER COOPERATION PROGRAM, 2011

Project title: “Sustainable development for Banat region by means of education and scientific research & development in transboundary air quality monitoring issues”

Lead partner: “Politehnica”, University of Timisoara, RO

Total amount: 379788.00 EUR; Serbian part: 144956.00 EUR

- For the equipment purchase was spent about 66000.00 EUR;
- The equipment for monitoring the air quality, was bought - mobile station “Air Pointer”;
- Both, skills and knowledge were improved;
- Many scientists, researchers and students were animated to work with the equipment.

IPA CROSS-BORDER COOPERATION PROGRAM, 2011

Accreditation of the
Laboratory for
environmental protection
and energy efficiency, is in
progress.



IPA CROSS-BORDER COOPERATION PROGRAM, ROMANIA-REPUBLIC OF SERBIA, 2013

Project title: Sustainable development of an research center in Banat region and Danube flow area through scientific research and environmental simulation tools to asses and evaluate potential threats

Lead partner: “Politehnica”, University of Timisoara, RO

Total value: 462670.00 EUR, Serbian part: 229800.00 EUR

- Strengthening the cross-border cooperation;
- Evaluating the environmental quality;
- Protection of regional environment by means of a novel scientific tools;
- Increasing the importance of R&D in cross-border area;
- Creation of 2D and 3D area pollutants dispersion maps for the BANAT region;
- Dissemination of know-how to specialists, young researchers, population and authorities.

IPA CROSS-BORDER COOPERATION PROGRAM, ROMANIA-REPUBLIC OF SERBIA, 2013

- Water pollution monitoring equipment, spectrophotometer;
- 20 cutting edge personal computers;
- Parallel computing;
- Modern softwares: Ansys Fluent, Phonics...
- Possibility to model accident situations in air and water pollution;
- The value of planned equipment is 98000.00 EUR.

Conclusion

- The prosperity of Banat region is based on the development in agriculture, and in the food-production industry;
- Quality environment as a prerequisite for healthy organic food production;
- Laboratory for environmental protection to follow pollution indicators;
- To widen and deepen the knowledge;
- To increase practical skills;
- To promote environmental protection;
- To continue cooperation.

Thank you!

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