



Nikola Marjanovic, Ph.D., C.E.
Director, Directorate for Water, MAFWM

- The section of the Danube that flows through Serbia is **588 km** long of which about 138 km constitute the state border with Croatia and about 213 km with Romania.
- **The Danube's largest tributaries, Drava, Sava and Tisa,** empty into the Danube on Serbian territory increasing its flow about 2.5 times. Other significant tributaries that empty into the Danube on territory of Serbia include Velika Morava, Tamis which comes from Romania, and Timok which constitutes parts of the SAM-Bulgarian state border.



Objectives

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1. Increasing the prevalence of and promoting environmentally friendly practices in the Danube Basin,
2. Reduction of the nutrient load discharged into the River Danube and its tributaries from livestock farms, notably pig and cattle farms,
3. Reduction of the nutrient discharge from slaughterhouses.

What are Nutrients:

- Nutrients are nitrogen and phosphorous compounds whose surplus run off to watercourses causing algae bloom which in turn suffocate the water flow, resulting in polluted, foul smelling water in such watercourse, unsuitable for bathing and drinking, and massive die off of living organisms such as crayfish, fish or aquatic plants due to oxygen depletion in such water.

Origin of Nutrients:

- Nutrients originate primarily from cattle, pig and poultry excrete popularly referred to as manure and slurry.

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Projects Components - Activities

All project activities implemented within the following four components:

- *Component 1. Regulatory Reform and Capacity Building*
- *Component 2. Investment in Nutrient Reduction*
- *Component 3. Water and Soil Quality Monitoring, Public Awareness Raising and Replication Strategy*
- *Component 4. Project Management, Implementation and Monitoring*





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Investments in Slaughterhouse Animal Waste Management

- Selected slaughterhouses will be provided with incentives to comply with the EU Animal By-products Directive.
- The project strategy will be to minimize and separate the different types of wastes that are produced in a slaughterhouse.
- Assistance will be provided with measures to handle and treat the different types of wastes according to their classification, in order to achieve the least cost for treatment and appropriate recycling for each.
- The project will support only those slaughterhouses in which the proper management of Special Risk Material, such as brain and spinal cord that may contain transferable diseases, is certified by the Veterinary Directorate for safety.



Benefits

- Water quality improvement;
- Improved access to EU export markets for Serbian meat and meat products;
- Education and help to the farmers to establish sustainable production;
- Improved slaughterhouse operations in terms of waste water and animal waste;
- Introduction of good agricultural practices;
- Step in harmonization with EU standards and EU integration;
- Honoring international Danube Basin and Black Sea protection conventions;
- Establishment of the law and sanctioning of polluters; and
- Improvement of knowledge and skills.

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Thank you for your attention!

Ministry of Agriculture, Forestry and
Water Management
Bul Umetnosti 2a, 11070 New Belgrade
Phone/Fax +381113115370
www.minpolj.sr.gov.yu
E mail rdvode@minpolj.sr.gov.yu

