

Veterinary information system

ADMINISTRATION FOR FOOD SAFETY, VETERINARY AND PHYTOSANITARY AFFAIRS (AFSVFA) OF MONTENEGRO

Development of a sustainable Veterinary Information Management System (VIS)

Montenegro have an electronic database for the identification and registration of animals since 2007, which was developed through a project supported by the European Commission.

We started with the registration of animal holdings and identification and registration of cattle.

The next step was the registration of sheep and goats, and finally pigs.

All these activities were done in the Veterinary Administration.

After the implementation of the Laboratory Information Management System in the Diagnostic Veterinary Laboratory, communication was established with the electronic database of the Administration for the exchange of data on laboratory analyses for animal diseases, not for all.

Development of a sustainable Veterinary Information Management System (VIS)

In 2016, Veterinary Administration become part of unique Administration for food safety, veterinary and phytosanitary affairs, independent Governmental body, established in aim to answer on needs for Negotiation Chapter 12 in Montenegro pre – accession in EU negotiation

Faced with a huge amount of data that was difficult to manage and make decisions based on, we decided to improve the IT system and build an adequate veterinary information system for decision support.

Montenegro has received financing from the World Bank (2018) toward the cost of Second Institutional Development and Agriculture Strengthening Project for develop capacity for food safety, veterinary and phytosanitary services as part of the creation of an integrated food quality system which is consistent with EU requirements.

The role of the project: Development of a sustainable Veterinary Information Management System (VIS) in Montengro

Providing an efficient system for monitoring the implementation of official controls in the field of animal health and welfare, food production, processing and distribution, access to information, support for rapid decision making and quality management in all segments of veterinary policy and food safety to protect public health.

The VIS means not only the improvement of the veterinary service, but also more efficient cooperation with all institutions and users, i.e. data exchange with other information systems within the Ministry of Agriculture, Forestry and Water Management as well as with other ministries and state services and organizations in the country and beyond. This is exceptionally important in combatting infectious animal diseases, as well as in the establishment of a functional food safety system, harmonized with EU standards, aiming at protecting public health and obtain consumer confidence.

16 modules plus LIMS component

Module/ Subsystem 1	Registration and approval of establishments under responsibility of Veterinary Authority Official controls, inspections and audit for veterinary (animal health and welfare) and	
Module/ Subsystem 2	food safety inspection services	
Module/ Subsystem 3	Official control at national borders	
Module/ Subsystem 4	Animal diseases notification system (national ADNS / NADNS)	LIMS
Module/ Subsystem 5	Control of animal diseases	operations for
Module/ Subsystem 6	Food safety	data exchange
Module/ Subsystem 7	Management of veterinary expenditures	with modules 4, 5
Module/ Subsystem 8	Management of animal-by-products	
Module/ Subsystem 9	Animal identification and movement control	6, 14, 15 module
Module/ Subsystem 10	Trade and international certification	development
Module/ Subsystem 11	Veterinary Geographical Information System	cycle as well as
Module/ Subsystem 12	Training of official veterinarians	official control
Module/ Subsystem 13	Management of resources	modules 2 & 3
Module/ Subsystem 14	Milk and milk products testing and quality/safety status management	
Module/ Subsystem 15	Management of Animal Health Certificate	
Module/ Subsystem 16	Common system administration modules	

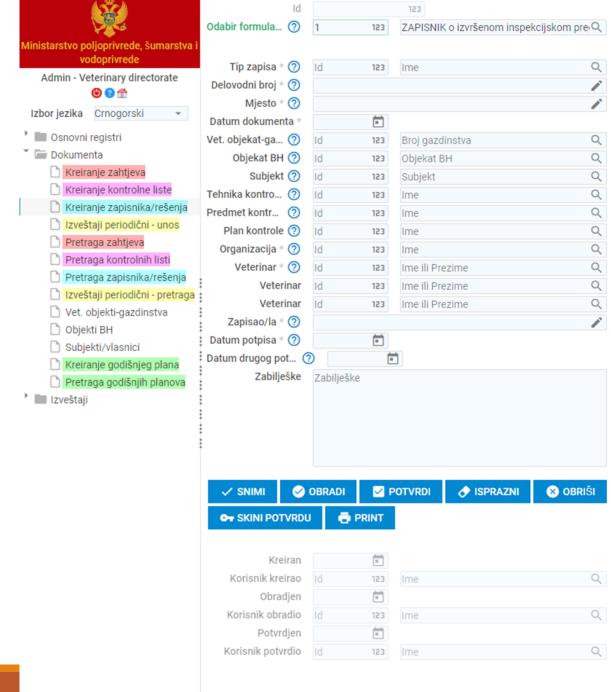


Ministarstvo poljoprivrede, šumarstva i vodoprivrede Uprava za bezbjednost hrane, veterinu i fitosanitarne poslove Veterinarski Informacioni i Menadžment Sistem



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PODACI OBRAZAC FAJLOVI NOTIFIKACIJE



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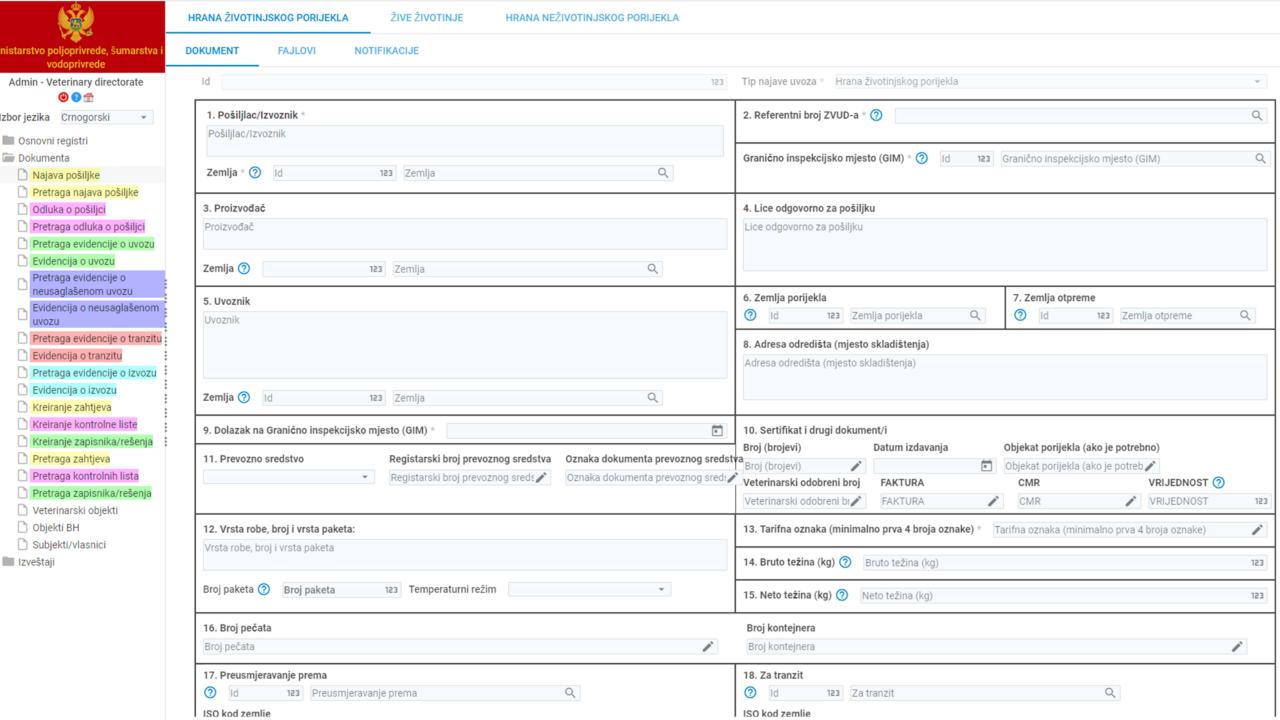
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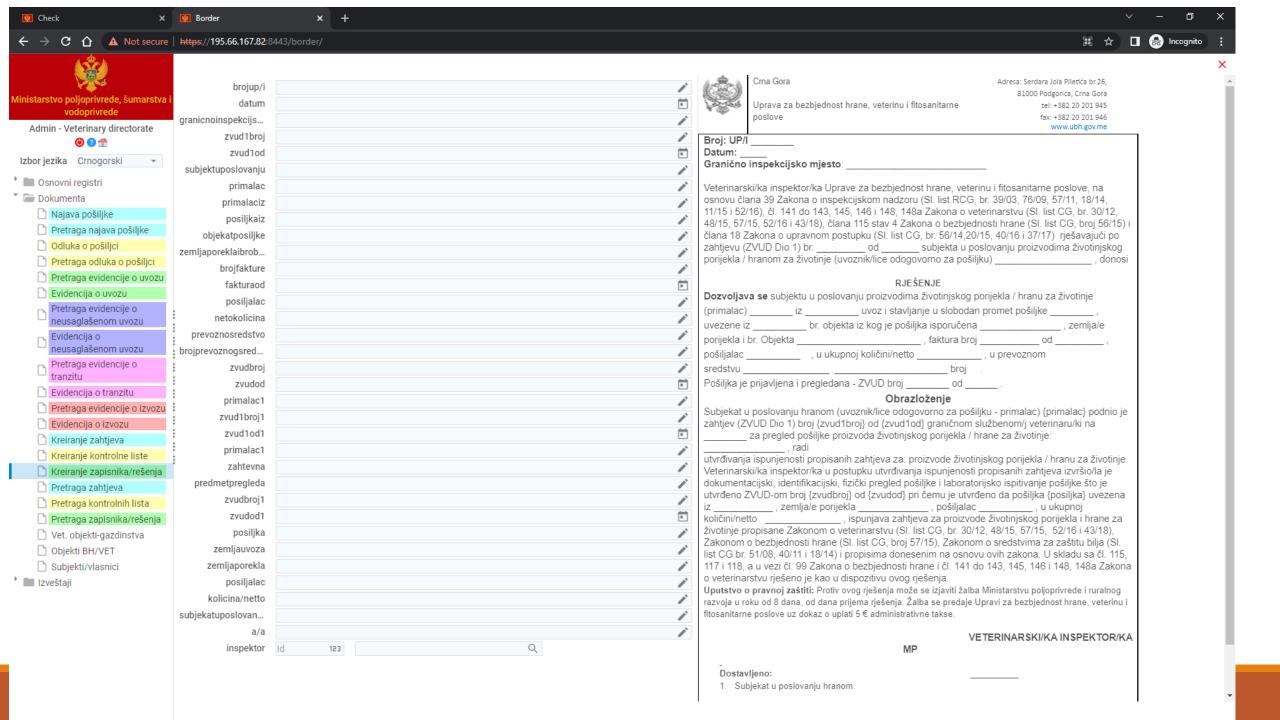
Uprava za bezbjednost hrane, veterinu i fitosanitarne poslove

81000 Podgorica, Crna Gora tel: +382 20 201 945 fax: +382 20 201 946 www.ubh.gov.me

ZAPISNIK o izvršenom inspekcijskom pregledu

Broj: Datum	1:						
Pregled izvršen kod: dana20 godine u u časova.							
Predmet pregleda:							
Pregled izvršio/la:		Pregledu prisutan: u svojstvu:					
Podaci za odgovorno lice: Ime, prezime: Rođen/a: u JMBG: stalno nastanjen:	Broj žiro računa pravnog lica/preduzetnika 						
Neposrednim pregledom je utvrđeno:							
Zapisnik mi je pročitan i na isti nemam/imam primjedbu te ga kao takvog potpisujem. Sastavljen je u 3 primjerka od kojih je jedan uručen stranci na licu mjesta. Primjedba:							
Stranka	MP	Inspektor					





Challenges:

- •motivation and willingness of VIS users to apply new IT solutions (employees, veterinary organizations, laboratories)
- connecting all food laboratories in the country with the new VIS (laboratory tests/results)
- cooperation and exchange of data with other state authorities such as: the Institute for Public Health, Institute for Medicines, Payment Directorate
- connection and improvement of the phytosanitary information system, which is not part of this project
- DATA SECURITY (The whole IT Government infrastructure in Montenegro has been under cyber attack since 22nd August this year!)

Fortunately, the current electronic database has not lost data due to a cyber attack on the Government network. All servers in the Veterinary Administration have regular backups.

Conlusions:

VIS in Montenegro will:

- ☐ Provide an efficient system for monitoring official controls
- Quality and timely risk assessment
- Qulity management in decission making
- ■Transparency

Questions for the further thoughts:

- Data protection
- Standardisation of Veterinary information systems or food safety systems