



GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



Standing Group of Experts on Rabies
in Europe
under the GF-TADs umbrella

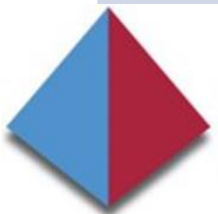
1st meeting (SGE RAB1)
Brussels, 13 February 2019

Report by [ROMANIA]

Dr. Sipoșean Cristian

Rabies epidemiology – evolution since 2016

	2016	2017	2018	2019
Total number of indigenous cases*	16	2	3	1
Species / number of cases	<ul style="list-style-type: none"> - Fox: 4 - Dog: 1 - Bovine: 9 - Domestic cat: 2 	<ul style="list-style-type: none"> -Dog : 1 -Cattle : 1 	<ul style="list-style-type: none"> - Fox: 1 -Dog: 1 - Bovine: 1 	<ul style="list-style-type: none"> - Fox: 1
Number of cases < 50 km from a neighbouring country (please detail)	<ul style="list-style-type: none"> -1 rabid dog in Satu Mare county at 40km from Ukraine -1 rabid cattle in Maramures county at the border with Ukraine 	<ul style="list-style-type: none"> -1 rabid dog in Teleorman county at 39 km from Bulgaria -1 rabid cattle in Iasi county at the border with Moldova 	<ul style="list-style-type: none"> -1 Rabid dog in Iasi county under 20 km from the border with Moldova - 1 rabid fox in Vaslui county at the border with Ukraine 	<ul style="list-style-type: none"> - 1 rabid fox in Satu Mare county, under 40 km from the border with Ukraine and Hungary



	2016	2017	2018	2019
Number of cases < 50 km from a neighbouring country (please detail)	<p>-1 rabid fox in Iasi county at the border with Moldova</p> <p>-1 rabid cat in Vaslui county at 43 km from Moldova</p> <p>-2 rabid cattle in Botosani county at the border with Moldova</p> <p>-1 rabid fox in Suceava county at the border with Ukraine</p> <p>-1 rabid cattle in Botosani county near to the border with Moldova</p>	<p>TOTAL – 2 from 2 rabies cases < 50 km from the border with Bulgaria and Moldova</p>	<p>-1 rabid bovine in Iasi county at the border with Ukraine</p> <p>TOTAL – 3 from 3 rabies cases < 50 km from the border with Bulgaria and Moldova</p>	

	2016	2017	2018	2019
Number of cases < 50 km from a neighbouring country (please detail)	<p>-1 rabid fox in Suceava near to the border with Ukraine</p> <p>- 4 rabid cattles in Suceava county at the border with Ukraine</p> <p>TOTAL – 13 from 16 rabies cases < 50 km from the border with Ukraine and Moldova</p>			

Rabies monitoring / surveillance since 2016

	2016	2017	2018	2019
Total number of FATS ⁽¹⁾ performed on indicator animals ⁽²⁾	863 FATS on indicator animals	943 FATS on indicator animals	994 FATS on indicator animals	91 FATS on indicator animals
Species	<ul style="list-style-type: none"> - 483 foxes with 3 positive results - 42 other wild animals with 0 positive results - 74 bovines with 9 positive - 9 goats with 0 positive - 146 dogs with 1 positive 	<ul style="list-style-type: none"> -408 foxes with 0 positive results -41 other wild animals with 0 positive results -102 bovines with 1 positive results - 16 goats with 0 positive -161 dogs with 1 positive 	<ul style="list-style-type: none"> -412 foxes with 1 positive results - 36 other wild animals with 0 positive results - 61 bovines with 1 positive results -25 goats with 0 positive results - 141 dogs with 1 positive result 	<ul style="list-style-type: none"> -33 foxes with 1 positive results - 7 other wild animals with 0 positive results - 1 bovine with 0 positive results -14 dogs with 0 positive results

	2016	2017	2018	2019
Species	<ul style="list-style-type: none"> - 54 cats with 2 positive - 43 sheeps with 0 positive - 8 rabbits with 0 positive - 4 horses with 0 positive <p>1 more positive case was confirmed on shoot foxes</p>	<ul style="list-style-type: none"> -82 cats with 0 positive -119 sheeps with 0 positive -1 pig with 0 positive -1 rabbit with 0 positive - 1 hamster with 0 positive -1 bubaline with 0 positive 	<ul style="list-style-type: none"> -74 cats with 0 positive results -241 sheeps with 0 positive results -3 pigs with 0 positive results -1 horse with 0 positive results 	<ul style="list-style-type: none"> - 34 sheeps with 0 positive results - 1 cat with 0 positive results - 1 pigs with 0 positive results

	2016	2017	2018	2019
Total number of biomarker tests and ELISA tests performed in hunted animals	<p>Elisa – 7235 from which 5917 adults and 1318 young.</p> <p>Positive Elisa – 2268 positive (31%) from which 1988 in adults and 280 in young.</p> <p>Tetracycline – 7958 from which 6504 adults and 1454 young.</p> <p>Positive Tetracycline – 5013 positive (63%) from which 4231 in adults and 782 in young</p>	<p>Elisa – 7355 from which 6007 adults and 1348 young.</p> <p>Positive Elisa – 2713 positive (37%) from which 2387 in adults and 326 in young.</p> <p>Tetracycline – 8261 from which 6752 adults and 1509 young.</p> <p>Positive Tetracycline – 5496 positive (67%) from which 4701 in adults and 795 in young.</p>		

Rabies_outbreaks_2016 - 2019 ROMANIA

Legend

- rabies_outbreaks_2017_Romania_projected
- rabies outbreaks 2016 Romania Events
- Rabies_outbreaks_2018 Events
- Rabies_outbreaks_2019 Events
- counties



Rabies oral vaccination campaigns since 2016

	2016	2017	2018
Spring campaign	<p>Dates:</p> <p><input checked="" type="checkbox"/> Whole country</p> <p><input type="checkbox"/> Parts of country and area vaccinated</p> <p>(km²):213.375 km²</p>	<p>Dates:</p> <p><input checked="" type="checkbox"/> Whole country</p> <p><input type="checkbox"/> Parts of country and area vaccinated</p> <p>(km²): 213.375 km²</p>	<p>Dates:</p> <p><input type="checkbox"/> Whole country</p> <p><input type="checkbox"/> Parts of country and area vaccinated</p> <p>(km²): no campaign</p>
Fall campaign	<p>Dates:</p> <p><input checked="" type="checkbox"/> Whole country</p> <p><input type="checkbox"/> Parts of country and area vaccinated</p> <p>(km²):213.375 km²</p>	<p>Dates:</p> <p><input checked="" type="checkbox"/> Whole country</p> <p><input type="checkbox"/> Parts of country and area vaccinated</p> <p>(km²):213.375 km²</p>	<p>Dates:</p> <p><input type="checkbox"/> Whole country</p> <p><input type="checkbox"/> Parts of country and area vaccinated</p> <p>(km²): no campaign</p>
Oral vaccin used (Raboral, Rabigen, Fuchsoral, Lysvulpen, or Other – please detail)	<p>Vaccine: Lysvulpen</p> <p>Bait density (baits/km²): 25/km²</p>	<p>Vaccine: Lysvulpen</p> <p>Bait density (baits/km²):25/km²</p>	<p>Vaccine: -</p> <p>Bait density (baits/km²): 0</p>



ORV 2016 - 2017 ROMANIA

UKRAINE

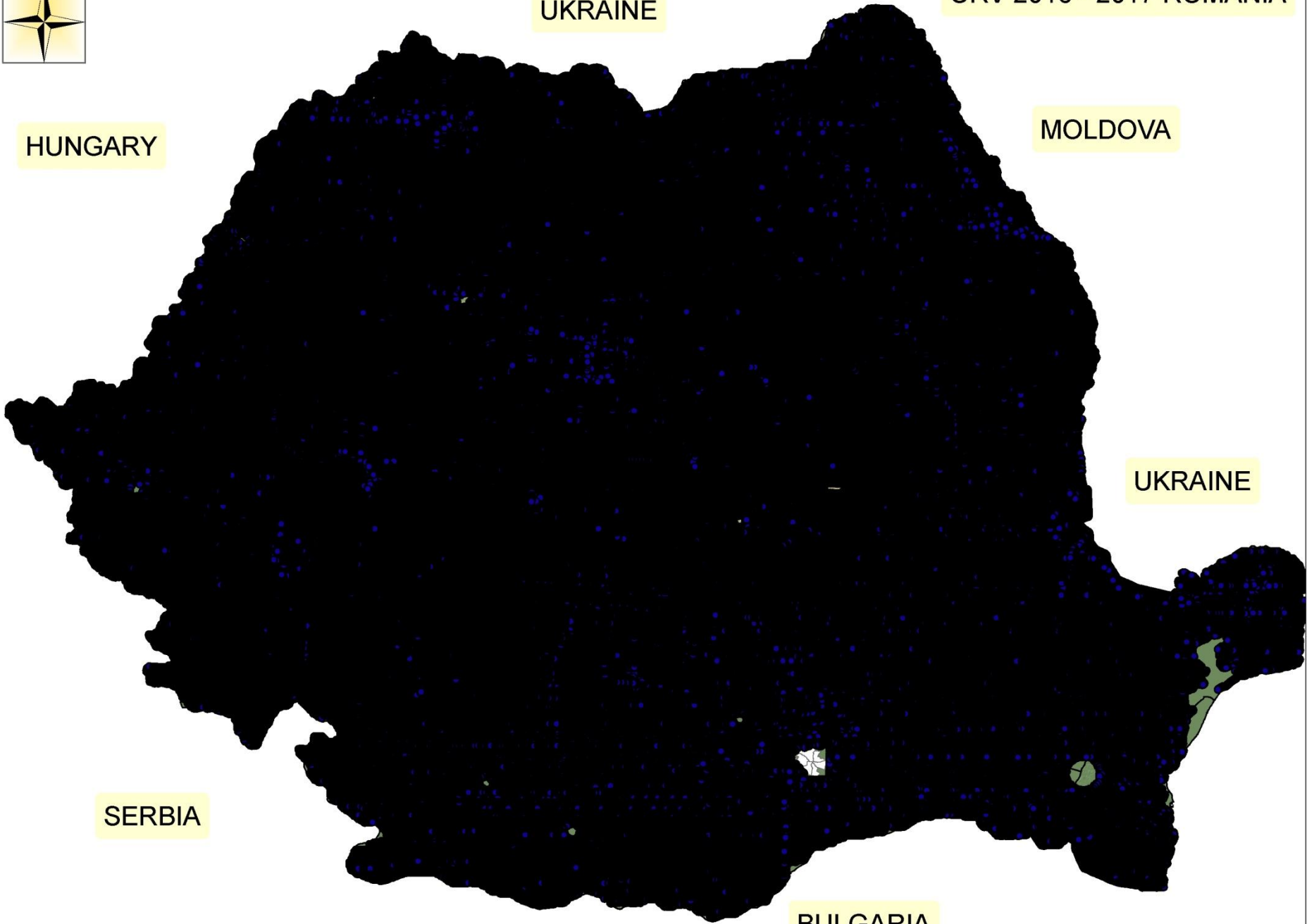
HUNGARY

MOLDOVA

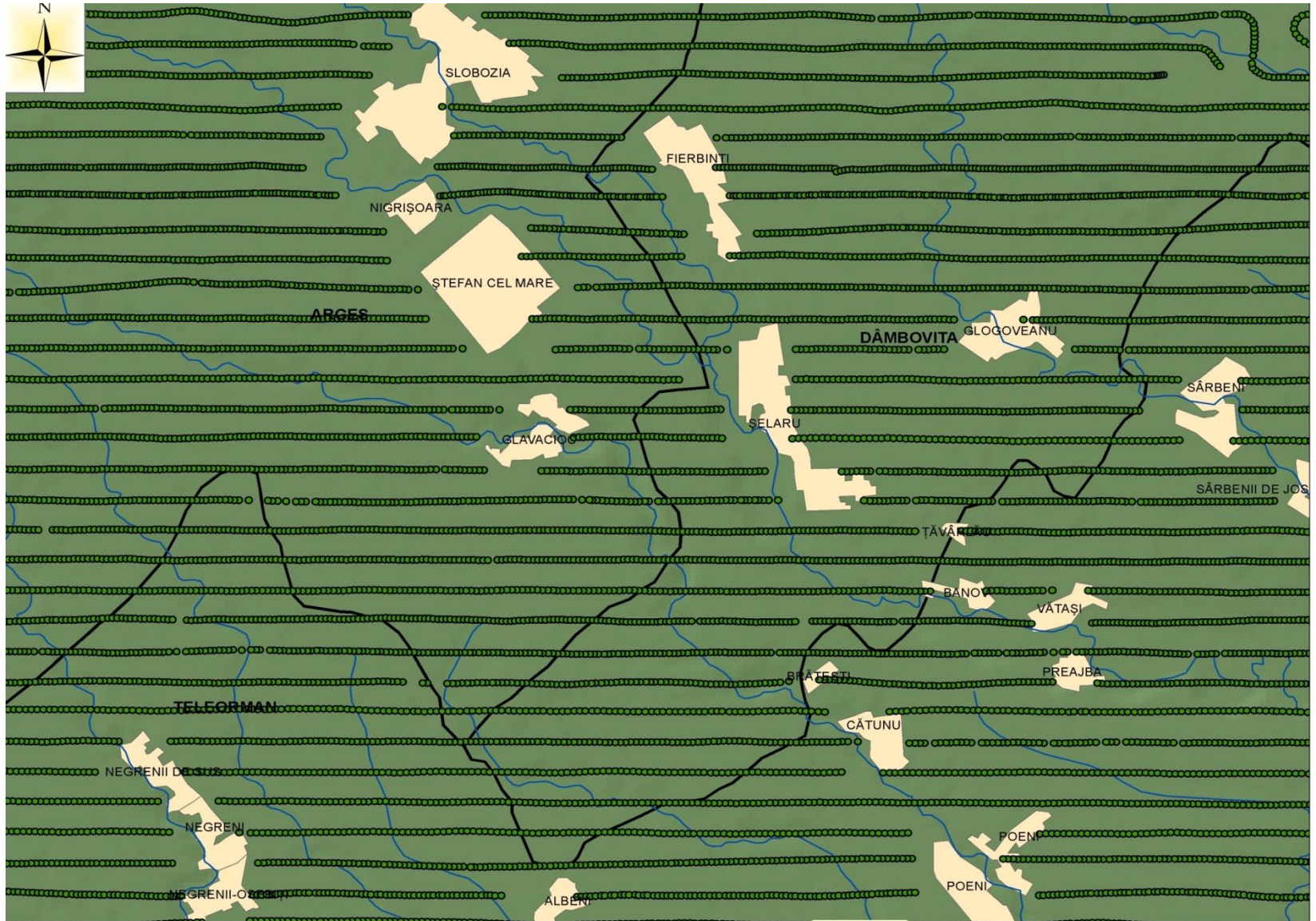
UKRAINE

SERBIA

BULGARIA



ORV zoomed in



Specific Plans for 2019

	Spring campaign	Fall campaign
Dates		
- At national level	May-june	September-October
And specifically at		
- border with Ukraine	- Most realistic autumn campaign	October
- Border with Moldova		
Covered territory	Ukraine - 43060 km ² aerial - 2320 km ² manual Moldova -25400 km ² aerial -3720 km ² manual	Ukraine - 43060 km ² aerial - 2320 km ² manual Moldova -25400 km ² aerial -3720 km ² manual
Oral vaccine used	Lysvulpen and maybe V-RG	Lysvulpen and maybe V-RG
Particular needs	Finalise the agreement with Ukraine and Moldova	Establishing the role of both parties

Specific Plans for 2020 and beyond (as appropriate)

	Spring campaign	Fall campaign
Dates		
- At national level	- April - May	September – October
And specifically at		
- border with Ukraine	- May	October
- Border with Moldova	- May	
Covered territory	Ukraine - 43060 km ² aerial - 2320 km ² manual Moldova -25400 km ² aerial -3720 km ² manual	Ukraine - 43060 km ² aerial - 2320 km ² manual Moldova -25400 km ² aerial -3720 km ² manual
Oral vaccine used	Lysvulpen and maybe V-RG	Lysvulpen and maybe V-RG
Particular needs	Good colaboration	Good cooperation

THANK YOU



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