

*Measures of
road safety and
speed management
implemented by
CNADNR - RNCMNR*

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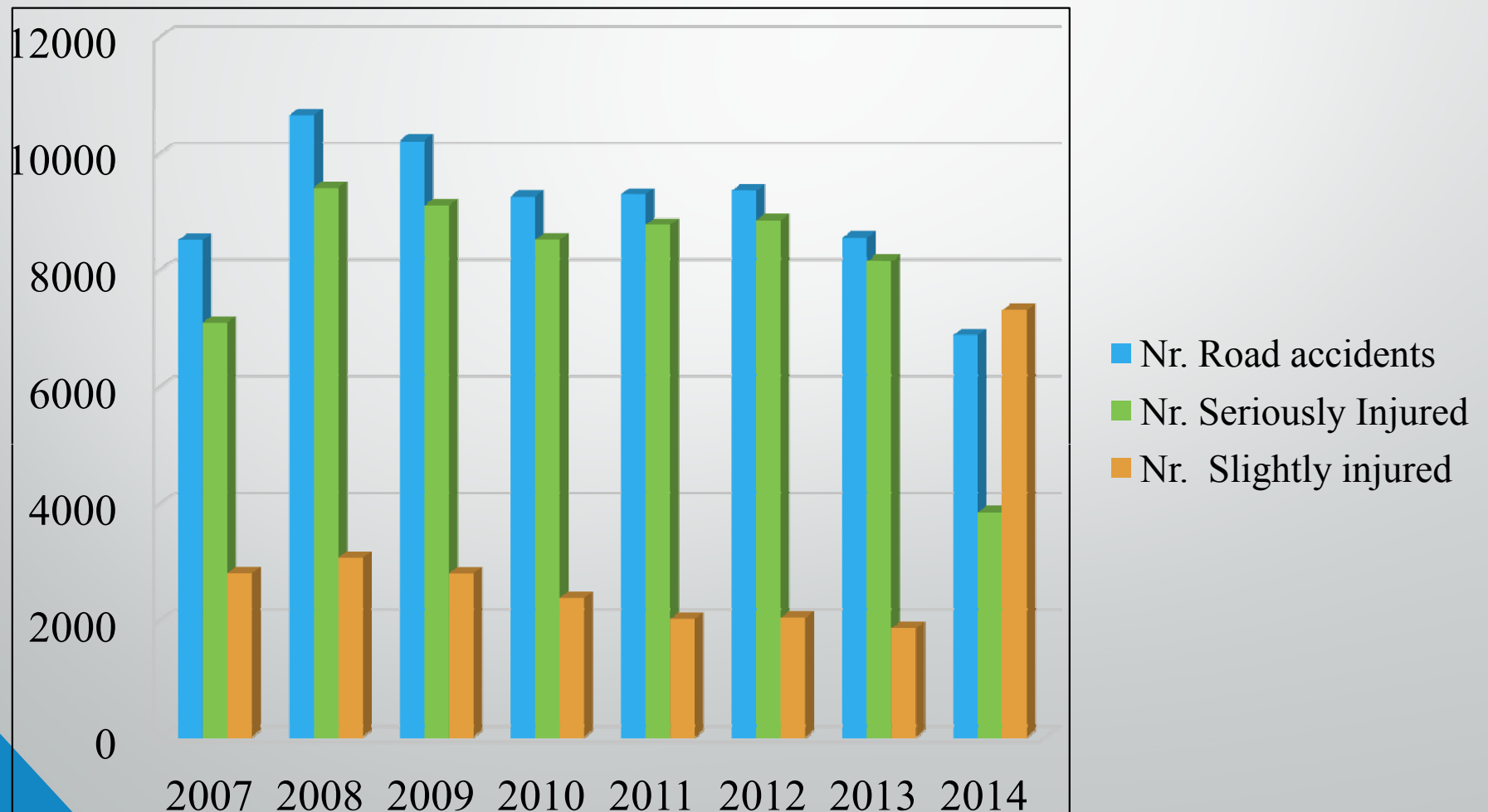
Deputy General Manager

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Company of Motorways
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I. ACTUAL SITUATION

The situation of road accidents on national roads and motorways in Romania between 2007 – 2014



I. ACTUAL SITUATION

	2007	2008	2009	2010	2011	2012	2013	2014
Nr. Road accidents	8505	10645	10214	9253	9290	9355	8550	6875
Nr. Seriously Injured	7091	9403	9097	8509	8768	8848	8155	3842
Nr. Slightly injured	2800	3065	2797	2377	2018	2040	1859	7304

➤ However, from 2010, it can be seen a downward trend in the number of road accidents respectively the number of seriously injured and deceased persons:

Anul	2009	2010	Difference compared to 2009	2011	Difference compared to 2009	2012	Difference compared to 2009	2013	Difference compared to 2009	2014	Difference compared to 2009
Nr. Road Accidents	10,214	9,253	-9.41%	9,290	-9.05%	9,355	-8.41%	8,550	-16.29%	6,875	-32.69%
Nr. Seriously Injured	9,097	8,059	-11.41%	8,768	-3.62%	8,848	-2.74%	8,155	-10.36%	3,842	-57.77%
Nr. Deceased persons	2,800	2,377	-15.10%	2,018	-27.92%	2,042	-27.07%	1,861	-33.53%	1,818	-35.07%

II. OBJECTIVES

❖ MAIN OBJECTIVES OF CNADNR on road safety:

➤ Road safety objective is to reduce by 50% the number of road accident victims by 2020;



➤ The number of road accidents increased annually in proportion to the steady growth of car fleet and its mobility;



➤ The RNCMNR 2014-2020 Road Safety program, which was taken in the national traffic safety strategy developed by the interministerial Council for Road Safety and approved at government level;

III. DIFFICULTIES

- As in all countries, in Romania, the major difficulty in implementing road safety projects is the lack of funds.

Allocated budget for activity - TRAFFIC SAFETY - during 2012 - 2014

Year	2012			2013			2014		
	Necessary	Allocated (budgeted expenditures limit)	% Allocated (achieved / required)	Necessary	Allocated (budgeted expenditures limit)	% Allocated (achieved / required)	Necessary	Allocated (budgeted expenditures limit)	% Allocated (achieved / required)
Total (mil Euro)	36.64	5.79	15,81%	57.8	10.84	18,76%	78.02	20.2	25,89%
107. Road Safety	31.2	4.57		45.42	10.79		69.82	18.62	
117. Black spots Elimination	5.45	1.2		12.4	0.05		8.2	1.58	

IV. ACHIEVEMENTS / MEASURES IMPLEMENTED



Development of Pedestrian Crossings
Crossing of the road is done by specially designated safe places

IV. ACHIEVEMENTS / MEASURES IMPLEMENTED



**DEVELOPMENT of
ROUNDAABOUT INTERSECTION**

IV. ACHIEVEMENTS / MEASURES IMPLEMENTED

➤ In the period 2012-2014, from the funds allocated to maintenance of the road network – road safety - It was acquired a quantity of aprox. 170.000 ml of metallic guardrail.



➤ Metallic guardrail was mounted on road sections with high-risk of accidents, lack locations or where there is in a precarious state.



IV. ACHIEVEMENTS / MEASURES IMPLEMENTED

- For increasing the road safety - It was acquired a quantity of aprox. 35.000 ml of New Jersey rigid parapets.



- Concrete guardrail was installed, marginal or axially on the road sectors where missing and has been recorded a large number of road accidents.

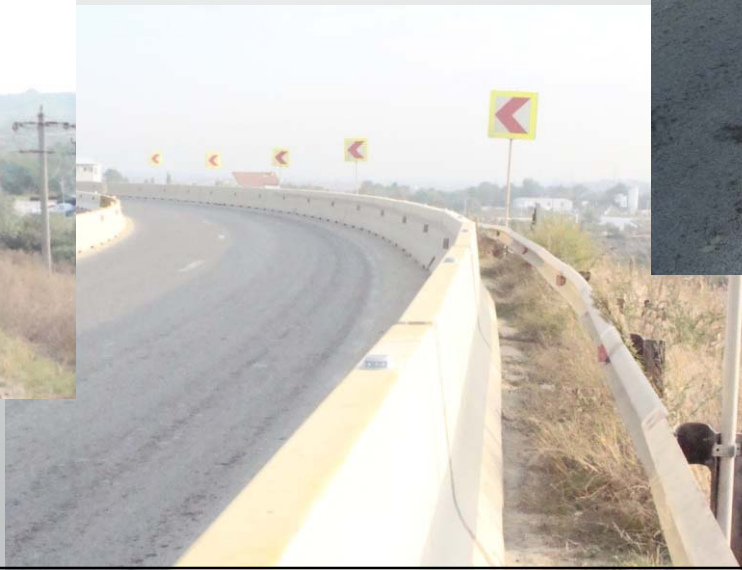


IV. ACHIEVEMENTS / MEASURES IMPLEMENTED

- One example of elimination of “black spots” is the project implemented in 2014, on DN 6, km 18+000 – 20+000.



- They were mounted lighting poles at the ends of the road sector to ensure a increased visibility of road separator and to ensure a higher degree of identification of the road elements, were mounted on top of the concrete guardrail, luminous road buttons.



IV. ACHIEVEMENTS / MEASURES IMPLEMENTED



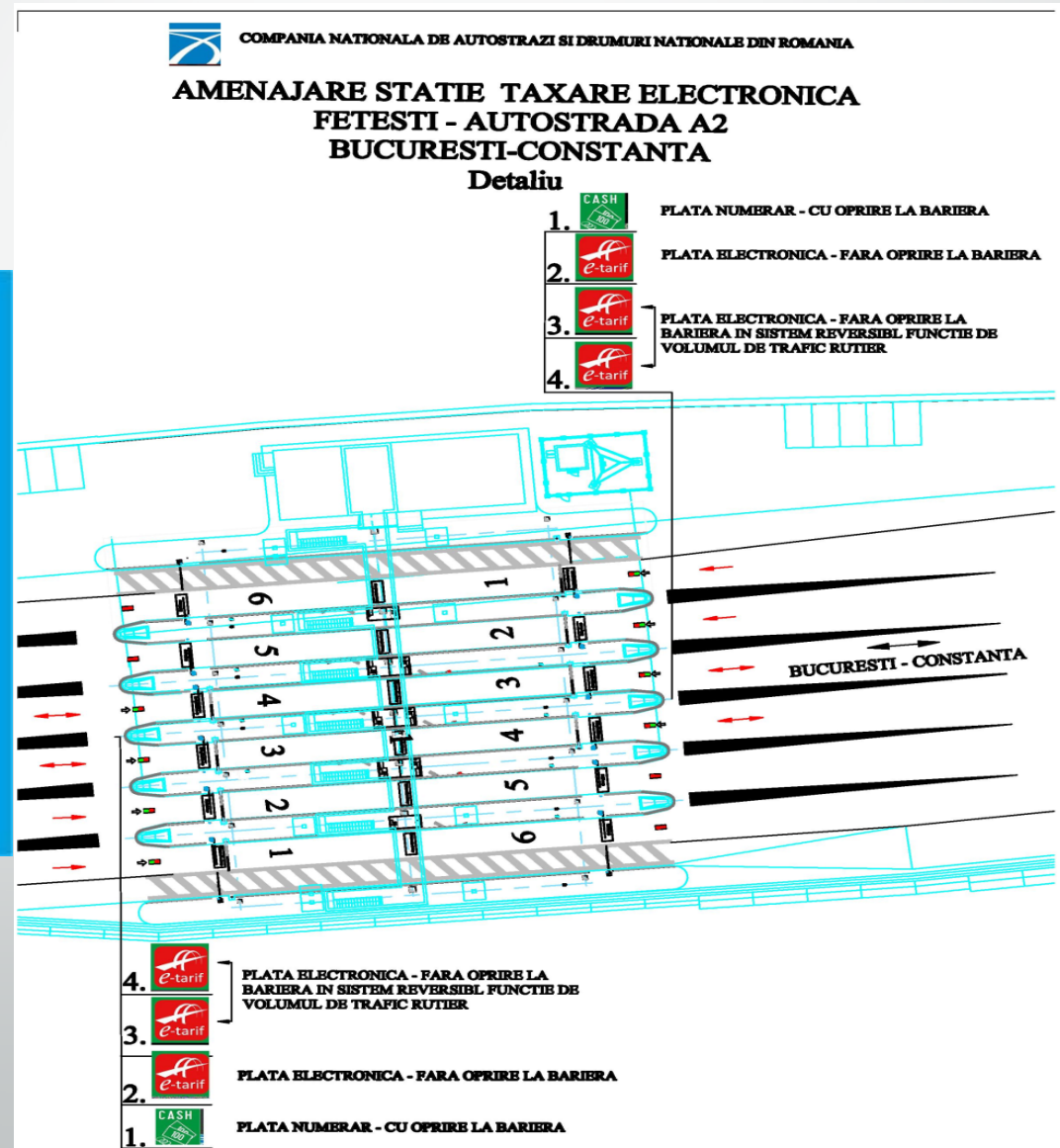
IV. ACHIEVEMENTS / MEASURES IMPLEMENTED

- One of the successful speed management project, implemented by RNCMNR is “Implementation of a system of electronic toll at FETEȘTI bridge”

NU AI PLĂTIT?



EVITĂ AMENDA!!!
Plătește până
MĂINE LA ORA 24:00



IV. ACHIEVEMENTS / MEASURES IMPLEMENTED

- The novelty of the electronic toll system implemented at the toll station Fetești bridge is to ensure the flow speeds of 50 km / h in the right charging station so as to ensure smooth traffic on the road as possible.



IV. ACHIEVEMENTS / MEASURES IMPLEMENTED

➤ Previous Manner of payment at toll station at FETEȘTI bridge”



➤ By electronic toll at this moment, the drivers can pay by SMS, or at authorized distributors”

Plata prin SMS

**Plata la distribuitori
autorizați**

IV. ACHIEVEMENTS / MEASURES IMPLEMENTED

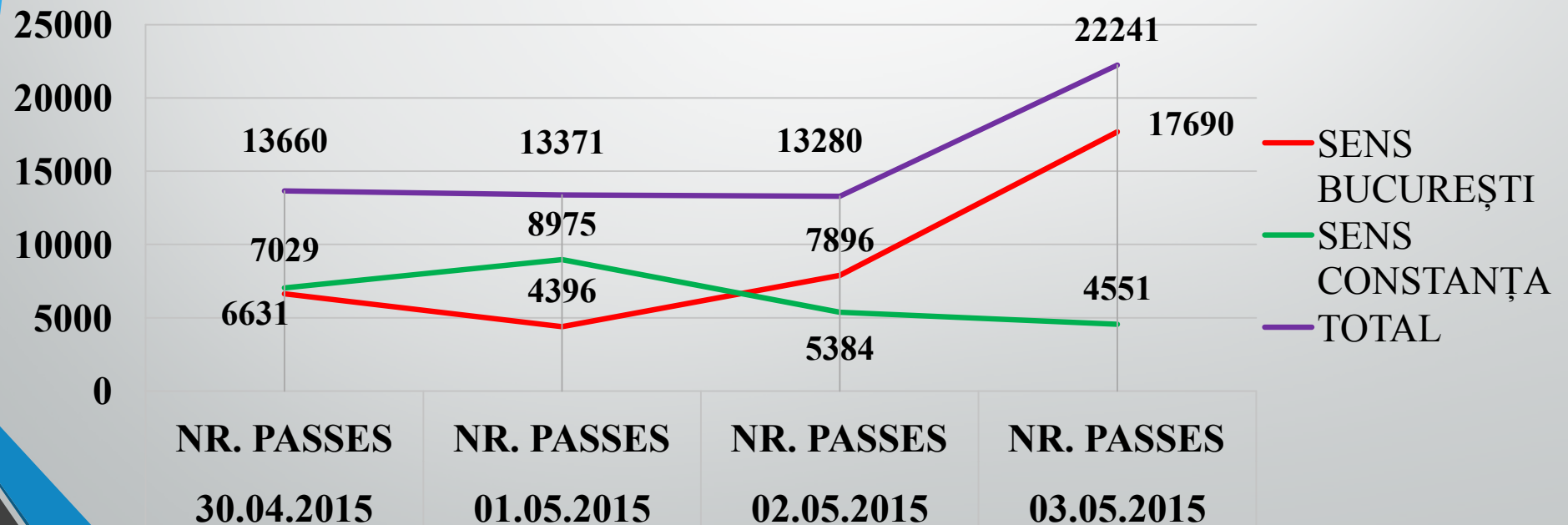
- The figures recorded in the period 30.04.2015 - 03.05.2015 the first long weekend of the inauguration of the new charging system, indicates that a very high percentage - more than 50% - of the drivers enjoyed the capabilities of the system, number grew from day to day.

DATA	30.04.2015		01.05.2015		02.05.2015		03.05.2015	
Type of taxation	NR. Passes	Percentage from TOTAL	NR. Passes	Percentage from TOTAL	NR. Passes	Percentage from TOTAL	NR. Passes	Percentage from TOTAL
eTARIF	6838	50.06%	7613	56.94%	7384	55.60%	15841	71.22%
Cash	6822	49.94%	5758	43.06%	5896	44.40%	6400	28.78%
TOTAL	13660	100.00%	13371	100.00%	13280	100.00%	22241	100.00%

IV. ACHIEVEMENTS / MEASURES IMPLEMENTED

DATA	30.04.2015	01.05.2015	02.05.2015	03.05.2015
SENS	NR. PASSES	NR. PASSES	NR. PASSES	NR. PASSES
SENS BUCUREȘTI	6631	4396	7896	17690
SENS CONSTANȚA	7029	8975	5384	4551
TOTAL	13660	13371	13280	22241

NR. PASSES TOLL STATION BRIDGE FETEȘTI



NR. CARS



Thank you
very much
for
your kind attention!