## MPROVING ROAD SAFETY ON THE NATIONAL ROAD NETWORK IN ROMANIA THROUGH PILOT SOLUTIONS

Flavius-Florin Pavăl<sup>1</sup>, ORCID: 0000-0002-9105-2134 Ilie Bricicaru<sup>1</sup>, ORCID: 0000-0002-2342-5760

<sup>1</sup>Technical University of Moldova, 168, Stefan cel Mare Bd., Chisinau, Republic of Moldova

\*Corresponding author: Flavius-Florin Pavăl, email: flavius.paval@iit.utm.md

**Abstract:** The IRF (International Road Federation) is a global non-profit organization, headquartered in Washington-DC since 1948 and with regional offices around the world. IRF serves a network of public and private sector members in over 117 countries, providing world-class knowledge resources, legal support services and continuing education programs that together provide a global marketplace for industry best practices and solutions.

IRF encourages all companies and organizations in the road development sector to get involved in the awards program it grants, because by promoting innovative ideas a positive and motivating influence can be created.

On the recommendation of IRF representatives who already know the projects carried out in the field of road safety by the National Road Infrastructure Administration Company from Romania, the Traffic Safety and Traffic Monitoring Directorate - Traffic Safety Service participated in the "Find a Way Global Road Safety Award" organized by IRF.

In recognition of outstanding work in the field of road safety, especially for the implementation of road safety pilot projects, C.N.A.I.R.-S.A. was declared the winner.

The road safety pilot projects that have attracted the attention of the IRF, being a model to follow for all road administrations are:

- Roller Barriers;
- Impact attenuators;
- Road sector 2+1;
- Cable Road barriers;
- Illumination of dangerous sectors with light assemblies;
- Projects to increase road safety by creating elevated road crossings.

In this article, the road safety projects that were the basis for winning the "Find a Way" award will be presented, with their results and the future road safety measures implemented by the national roads and highways administrator in Romania, so that other road administrations to be encouraged to implement as many road safety measures as possible.

Keywords: Road Safety, Pilot Solutions, "Find a Way"Prize, IRF.