The aim of the study was to present Ways to Prevent road accidents in Romania. Improving security requires the Involvement of many companies, but only with Their help and cooperation can create a fully functional and effective system for Preventing accidents. The article shows the effectiveness of the Romania safety system in road transport. The study shows that the introduction of modern solutions slowly results in achieving improvement in the management of road, and brings measurable effects in the form of fewer fatalities.

INTRODUCTION

Romania is a country located in the south-eastern part of Europe. Since 2007 is one of the European Union. According to population is 7th country in EU and at the same time the poorest country. In view of overall assessment of the road safety and transport can be characterized as follows:

- Safety of public transport - Good
- Urban road conditions - Medium
- Country road conditions - Poor
- Availability of support/road emergency - Average [1]

Romania is the only country in the EU, which since 2001 year did not develop in the field of road safety, but rather notice increasing the numbers of road accidents. Also very important is the fact that the number of cars is growing and in last three years the number of cars increased over 87%.

1. ROAD TRANSPORT

Romania is the only country in the EU, which since 2001 year did not develop in the field of road safety, but rather notice increasing the numbers of road accidents. Also very important is the fact that the number of cars is growing and in last three years the number of cars increased over 87%.

Road conditions throughout Romania is differential. At cities roads are in very good condition, other roads are in poor condition. The roads are badly lighted, narrow, there is no road lanes, in country areas is lack of pavements or verges for pedestrians. There is also an extensive infrastructure for cycling. Driving on roads can be particularly dangerous when the roads are wet or covered with snow or ice.

Romanian traffic laws are very strict. The police can impound driving license for breaking the driving law, for driving under the influence of alcohol driver could be imprisoned from 1 to 5 years. In spite of severe consequence, many drivers do not observe road traffic regulations [2]. Therefore, throughout Romania is recommended defensive driving, the purpose of such driving is primarily to reduce the risk on the road by consciously avoiding dangerous situations caused by bad road conditions and mistakes of others.

Romanian Ministry noted the road safety need to improved, including the revision of the law on road traffic.

An important change should be the introduction of educational activities e.g. lead road safety lessons in schools.

CNADNR constantly initiates a series of actions which are primarily aimed at reducing the number of fatalities. In this context it is constantly being carried out many projects and ideas for the benefit of road safety to reduce accidents while creating a real model for future policy highway infrastructure. Consecutiveness road safety is primarily the traffic restrictions. Because human life is the most important value in the society.

The Romanians education of road users is not well defined, so the introduction of stringent safety measures is difficult. Called security experts are primarily concerned:

- Identification of risks
- Determine the appropriate intervention measures
- Support
- Adapting measures to local conditions and traffic environment [3].

New approach to traffic safety has been started in 2000, when there was the possibility of credit. This has led to new initiatives and projects that lead to widely understood changes. Mainly to changes in mentality and approach to road safety as follows:

- A database on road traffic accidents. It is a tool for statistical analysis of road accidents based on data provided by the traffic police. The benefit of this is primarily due to new viable projects and visualization successful implementation of successive measures impinging on traffic safety.
- The pilot project Şafica-Balotesti (DN1) road safety project. Implementation of appropriate measures such as traffic system physical layout of the separator geometry, pedestrian crossings, construction of pavements, reconstruction of intersections, the number of accidents and management of constantly bringing to fall this number compared to previous periods.
- Act on road safety infrastructure management
- Act nr.265 / 2008 on the control of road safety "is to ensure and increase traffic safety on the road, to prevent loss of life and attack people as well as to avoid damage due to accidents. Act was approved by GO 6 / 29.01.2010. Regulations specify that all new road infrastructure will be verified by certified experts in the field of road safety. Also in this Act foundations of the new institution, which will coordinate road safety by establishing a research institute in the development of safety that will treat the subject in coordinating multidisciplinary Ministry of Transport.

CNADNR provides for consideration of the issue of road safety a national priority and trying to impose a legal and technical framework by promoting specialized laws and regulations.

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ROAD TRANSPORT SAFETY MANAGEMENT IN ROMANIA
Another initiative is the creation of a catalog of measures on road safety in towns linear. This guide is intended for both designers and administrators of public roads project developers. Guide combines the most effective road safety measures, based on national and international practical experience.

2. ROAD ACCIDENTS

Diagram (Figure 1), update these fatalities per 1 million inhabitants. Romania is still reaches a large number of victims. Slight decreases in loss of life accidents are visible, but despite all these reports are unsatisfactory. There are also huge annual losses, since each collision in which they are affected burden the state budget. For quite a poor country that is Romania that situation is disappointing.

![Diagram showing the number of deaths in road accidents in 2013.](image)

**Fig. 1.** Diagram showing the number of deaths in road accidents in 2013.
Source: Own calculations based on data from the SCC.

In constant danger are childrens between ages from 0 up to 14 years. The study shows that on the road much more killed pedestrian. Statistics show that mostly children.

![Chart showing number of children killed in road accidents in 2012.](image)

**Fig. 2.** Chart showing number of children killed in road accidents in 2012.
Source: Own calculations based on data ASIRT.

With the accession to the EU and expanding international relations, Romania has the possibility of improving and building security system in their country. This phenomenon is very noticeable. In Romania there are many new roads. Romanian road from year to year are getting better, they arise highways, ring roads and expressways.

Rosee Road safety in south east European regions project promoting road safety and increase the availability of the road network in south-east Europe. This project was developed in cooperation with other countries from south-east Europe, as the region is considered one of the “worst performers road safety in Europe.” Rosee is a project which includes the following countries: Italy, Romania, Slovakia, Greece and Bulgaria. This project aims to increasing road safety in primary and secondary networks in the region of Southeast Europe and is funded by the transnational cooperation program.

Another security project is implemented technical assistance for the implementation of road safety measures, with budget €1,200,000. The aim of this project is to increase road safety and living environment in Romania.

Types of services provided under the project are:
- The collection of data on road accidents
- Safety inspections
- The selection of locations and type of resources
- Identify optimal road safety measures
- Preparation decisions
- Detailed project
- Develop documentation
- Road safety campaign.

3. PROJECT: ROAD SAFETY ROMANIA

The number of victims killed in road accidents is much higher than in Western Europe. The project was co-financed by the European Union. This project showed that more than 50% of all serious accidents in Romania include pedestrians. The main reason is the rapidly growing number of cars on the road to this fight is unavoidable need to change driver behavior to achieve a healthier situation for road users.

This project saw many omissions m.in:
- Too wide roads
- Poor road junctions solution (ie. Have often been confusing and did not fulfill their duties in an appropriate manner.)
- No pedestrian crossings
- Lack of sidewalks
- Obstacles close to the ground
- Movement of heavy vehicles on the stretch of road through
- No structural differences between fast sections and cross-sections of the city.

It is planned to make the following changes:
- New sidewalks
- Improve intersections
- Better intersections equipment
- External Islands
- Association of help traffic in Romania organizes and promotes activities which help in motion. Romania has committed itself to bring road safety in the three years through a number of changes:
- Supporting the education of road in nursery and school
- Preventing accidents by raising public awareness and advertising companies

**ARVAL Romania:** is another company that contributes to action for road safety and safe driving. It is a company specialist in full service leasing of different brands of vehicles. Arval Romania commits to the European Road Safety Charter, for the next three years will:
- Analyze statistics and data relating to the detriment and use them to implement measures for a safer drive.
- Carry out special training for employees to improve their driving skills
- Reduce the number of accidents and learn Arval drivers (users), how to conduct a safe and environmentally friendly
- Start a new tool to control the behavior of drivers.
SC Industrie Mică Prahova SA is another organization that is actively involved in promoting the principles and best practices. It produces all kinds of traffic signs, traffic wardens.

As part of the adjustment to the European Road Safety Charter within the next three years of SC Industrie Mică Prahova SA will be:

– Create a blog about traffic safety.
– Raise awareness of the company and identity as experienced Romanian producers of road signs and road markings.
– Raise awareness of the importance of road signs OTM show their contribution to improving road safety
– Publish earlier studies, reports and statistics from different institutions on issues of road safety [4].

BIBLIOGRAFIA


Zarządzanie systemem bezpieczeństwa w transporcie drogowym w Rumunii

Celem pracy było przedstawienie sposobów zapobiegania wypadkom drogowym w Rumunii. Poprawa bezpieczeństwa wymaga zaangażowania wielu firm, ale tylko z ich pomocy i współpracy można stworzyć w pełni funkcjonalny i skuteczny system zapobiegania wypadkom. W artykule przedstawiono skuteczność systemu bezpieczeństwa Rumunii w transporcie drogowym. W opracowaniu ukazano, że wprowadzenie nowoczesnych rozwiązań powoli skutkuje osiągnięciem poprawy w zarządzaniu transportem drogowym, a także przynosi wymierne skutki w postaci mniejszej liczby ofiar śmiertelnych.

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