Investment in network modernization and improvement of safety at level crossings
About us

HŽ Infrastruktura d.o.o. – is a limited liability company for management, maintenance and construction of railway infrastructure

Our mission and vision – modernization and development of the railway network and infrastructure; implementation of European standards; increase of rail competitiveness as related to other modes of transport

Subsidiaries

- PRUŽNE GRAĐEVINE d.o.o.
- CROATIA EXPRESS putnička agencija d.o.o.
- PROIZVODNJA I REGENERACIJA d.o.o.
Railway infrastructure manager in the Republic of Croatia

- 2,605 km of lines
- 545 stations and stops
- 109 tunnels
- 37% electrified lines
- 1,512 level crossings
- 4,818 employees
- 10% double-track lines
- 538 bridges
- 20.8 million train-km annually
Railway network in Croatia
TEN-T – Transeuropean Transport Network

Legend
- Baltic – Adriatic Corridor
- North Sea– Baltic
- Mediterranean
- Near East- East Mediterranean
- Scandinavian- Mediterranean
- Rhine- Alpine
- Atlantic
- North Sea – Mediterranean
- Rhine-Danube
In the next five years, almost €2 billion of investments in railway infrastructure are planned, of which 70% relates to projects co-financed by EU funds.

**EU projects** mostly include total reconstruction and modernization, and construction of the second track of a specific line.

**Other projects**, financed from other sources, mostly relate to partial renewal (repair of cuts, tunnels, bridges, overhead contact line and similar) and renewal of sections that cannot be financed from the EU.
TOTAL ESTIMATED VALUE OF WORKS AND DESIGNS OF ALL PROJECTS: € 2.3 bn

- **WORKS IN PROGRESS**
- **PUBLIC PROCUREMENT FOR WORKS IN PREPARATION OR ONGOING**
- **DESIGN**
On HŽ Infrastruktura railway network, all LCs and PCs, of which there is a total of 1,512, are marked by appropriate technical protection.
Out of 37 total serious accidents/accidents, 14 of them (38%) happened at LCs secured by signalling and interlocking devices, which still points to a great lack of discipline of other traffic participants, most of all road vehicle drivers.
The 2018-2022 National Programme for Resolving Level Crossings has been prepared. This includes integrated planning:

- Co-operation of rail infrastructure manager (HŽI) with the Ministry of the Interior on road safety programmes,
- Co-operation with local and regional self-government regarding physical planning activities,
- Co-operation with road managers, which will influence regular road maintenance
- Co-operation with other stakeholders, such as legal entities in the vicinity of LCs and PCs, which use crossings to a large extent
- Implementation of education and promotion activities
In the first half of 2018, 17 modernized crossings have been put into operation, and for the next 4, a permit to put them into operation should be soon issued.

In 2018, HŽ Infrastruktura will finance with its own funds the modernization of about 15 extra level crossings, in which € 2.2 million will be invested.

For the 2018-2022 period, HŽ Infrastruktura is planning to secure € 34 million for the modernization of level crossings and pedestrian crossings.

With the help of EU funds, it is planned to modernize around 100 level crossings until 2023. Total value of these works is approximately € 20 million.
For nearly 20 years, HŽ Infrastruktura has conducted "The Train is Always Faster" education and prevention campaign.

HŽ Infrastruktura is a partner of the Faculty of Transport and Traffic Sciences of the University of Zagreb in the Implementation of measures for the increase of safety for the most vulnerable groups at level crossings project within the National road safety programme of the Republic of Croatia 2011-2020 of the Ministry of the Interior of the Republic of Croatia.
The Train is Always Faster – ”Safe with Andrew!” – education for elementary school pupils

In 2017, workshops were held in 11 elementary schools for 1,171 children.
The Train is Always Faster—education at level crossings & conversations with traffic participants

- CONDUCTING SURVEYS
  - GENDER
  - AGE
  - CROSSING FREQUENCY
  - REASON FOR CROSSING THE LC
  - REASONS OF ILLEGAL CROSSING
  - LIVING WITHIN A 500M RADIUS OF LC
  - DID YOU KNOW YOU CAN RECEIVE A FINE FOR CROSSING LC ILLEGALLY?
"Safety Begins with You" – traffic posters
"Safety through Design" – a travelling exhibition
Social networks/ media

300,000 annual views on average
Thank you for your attention!