HŽ Infrastruktura d.o.o.

Railway Infrastructure Projects

September, 2018
2.605 line kilometres
37% electrified lines
10% double – track lines

557 official places
1.512 level crossings
538 bridges and viaducts

109 tunnels
4.864 employees
10,3 million train – kilometres
Project goals

- Modernization of railway infrastructure in line with the Technical specifications for interoperability (TSI)
- Increase of speed up to the maximum of 160 km/h
- Increase of safety level
- Removal of "bottlenecks" in order to achieve greater functionality of the railway system
- Increase of line capacity and throughput of railway lines and reduction of journey time
- Better connection of ports and the railway
Reconstruction of existing and construction of a second track on railway line section Dugo Selo – Križevci

- Project value: €196.9 m
- Project description: Reconstruction of existing track and construction of a second track in length 38.2 km
- Financing: Transport Operational Programme Operational Programme Competitiveness and Cohesion
- Project status: Works – ongoing
- Works contract signed with consortium DIV d.o.o., DALEKOVOD d.d. and ZAGREB – MONTAŽA d.o.o.
- Supervision contract signed with consortium SGS Adriatica d.o.o. and Investinženjering d.o.o.
Construction of the new railway line for suburban transport on the railway line section Gradec – Sv. Ivan Žabno

- Project value: € 30.1 m
- Project description: Construction of the new single – track non – electrified railway line in length of 12.2 km
- Financing: Transport Operational Programme Operational Programme Competitiveness and Cohesion
- Project status: Works – in final phase; putting into operation is planned for 12/2018
- Works contract signed with consortium COMSA S.A.U. and H.F. WIEBE GmbH&CO.KG
- Supervision contract signed with consortium SGS Adriatica d.o.o., Investinženjering d.o.o. and SGS SA
Upgrade and electrification of line section Zaprešić - Zabok

- Project value: € 80.8 m
- Project description: Upgrade and electrification of existing single – track line in length 23.8 km
- Financing: Operational Programme Competitiveness and Cohesion
- Project status: Works – started on July 24, 2018
- Works contract signed with SWIETELSKY d.o.o.
- Service contract signed with DB Engineering & Consulting GmbH
Port of Rijeka multimodal platform development and interconnection to Adriatic Gate container terminal
Project partners: Port of Rijeka Authority and HŽ Infrastruktura

- Project value: €35.6 m (Part of HŽ Infrastruktura: €26 m)
- Project description: Reconstruction and upgrading of existing station Rijeka Brajdica and construction of a new intermodal container terminal
- Financing: CEF – Connecting Europe Facility
- Project status: Works – started on May 30, 2018
- Project management contract signed with SAFEGE d.o.o.
- Works contract signed with consortium KOLEKTOR KOLING d.o.o. and EURO – ASFALT d.o.o.
- Supervision contract signed with consortium INVESTMENJERING d.o.o. and INSTITUT IGH d.d.
Upgrade of the Rijeka Port infrastructure – Zagreb Pier container terminal
Project partners: Port of Rijeka Authority and HŽ Infrastruktura

- Project value: **€ 31.6 m** (Part of HŽ Infrastruktura: € 22 m)
- Project description: Reconstruction of the cargo part of Rijeka railway station and construction of a terminal for railway intermodal traffic on Zagreb Pier
- Financing: CEF – Connecting Europe Facility
- Project status: Public procurement for works and supervision ongoing – evaluation of tenders in progress
- Project management contract signed with EKONERG d.o.o.
Upgrade and electrification of line section Vinkovci – Vukovar

- Project value: € 71.9 m
- Project description: Upgrade and electrification of existing single – track line in length 18.7 km
- Financing: Operational Programme Competitiveness and Cohesion
- Project status: Public procurement for works and supervision ongoing
Reconstruction of existing and construction of second track on the section Križevci – Koprivnica – state border

- Project value: € 297.1 m
- Project description: Reconstruction of existing and construction of second track in length 42.6 km
- Financing: CEF – Connecting Europe Facility
- Project status: Preparation of tender documents for project management, works and supervision ongoing

Planned start of public procurement – September 2018
EU PROJECTS **Design in progress**

Preparation of the project documentation for the reconstruction of existing and construction of the second track line on the Hrvatski Leskovac – Karlovac Section

**Project preparation**

- **Status:** Preparation of design documentation ongoing  
  Expected finalisation in 06/2019
- **Financing:** Transport Operational Programme
- **Service contract signed with ITALFERR S.p.A.**

**Works**

- **Estimated value:** € 298 m
- **Financing:** Planned Operational Programme Competitiveness and Cohesion
- **Project description:** Reconstruction of existing track and construction of second track in total length of 45 km
- **Planned start of public procurement procedure for works and supervision in Q3/2019**
## EU Projects: Design in Progress

Preparation of the project documentation for the reconstruction of existing, construction of second track and construction of new double-track line on sections of railway line Dugo Selo – Novska

<table>
<thead>
<tr>
<th>Project preparation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• <strong>Status:</strong> Preparation of design documentation ongoing</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>• <strong>Financing:</strong> Transport Operational Programme</td>
</tr>
<tr>
<td>• Service contract signed with consortium TYPSA, SA Egis Rail, INECO and IPZ d.d.</td>
</tr>
</tbody>
</table>

### Works

<table>
<thead>
<tr>
<th>Estimated value:</th>
<th>€ 572,5 m</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Financing:</strong></td>
<td>Planned Operational Programme Competitiveness and Cohesion and next financial perspective (2021 – 2028)</td>
</tr>
<tr>
<td><strong>Project description:</strong> Reconstruction of existing track, construction of a second track on the sections Dugo Selo – Kutina and Lipovljani – Novska (72 km in total) and construction of a new double-track electrified railway line on the Kutina – Lipovljani section (10 km in total)</td>
<td></td>
</tr>
<tr>
<td><strong>Planned start of public procurement procedure for works and supervision in Q1/2020</strong></td>
<td></td>
</tr>
</tbody>
</table>
Preparation of the project documentation for the reconstruction of existing and construction of the second track line on the railway section Škrljevo – Rijeka – Jurdani

**Project preparation**

- **Status:** Preparation of design documentation ongoing
  Expected finalisation in 2020

- **Financing:** CEF – Connecting Europe Facility

- **Service contract signed with consortium INSTITUT IGH d.d. and Granova d.o.o.**
<table>
<thead>
<tr>
<th><strong>Preparation of the project documentation for the reconstruction of existing and construction of the second track line on the railway section Oštarije – Škrljevo</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Estimated project value:</strong> € 7 m</td>
</tr>
<tr>
<td><strong>Financing:</strong> CEF – Connecting Europe Facility</td>
</tr>
<tr>
<td><strong>Project description:</strong> Reconstruction of the track section Oštarije – Škrljevo in total length of 113.9 km</td>
</tr>
<tr>
<td><strong>Project status:</strong> Public procurement for study part of project documentation ongoing</td>
</tr>
<tr>
<td>Evaluation of tenders in progress</td>
</tr>
</tbody>
</table>
Preparation of design documents for the reconstruction of the Okučani – Vinkovci railway section

- Estimated project value: € 11.2 m
- Financing: CEF – Connecting Europe Facility
- Project description: Reconstruction of the track section Okučani – Vinkovci in total length of 131 km
- Project status: Public procurement for study part of project documentation ongoing
<table>
<thead>
<tr>
<th>Project</th>
<th>Estimated project value</th>
<th>Planned implementation of project</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Preparation of conceptual solutions and study documentation of modernization and development of Zagreb railway node</td>
<td>€ 3.1 m</td>
<td>2018. – 2021.</td>
</tr>
<tr>
<td>3. Project of connecting via rail within the functional region of Central Croatia – Lepoglava junction</td>
<td>€ 1.5 m</td>
<td>2018. – 2020.</td>
</tr>
<tr>
<td>4. Preparation of the study documentation for modernization of section Oštarije – Knin</td>
<td>€ 2.1 m</td>
<td>2018. – 2021.</td>
</tr>
</tbody>
</table>

€ 10,9 m
### OTHER PROJECTS

<table>
<thead>
<tr>
<th>Project</th>
<th>Estimated project value</th>
<th>Project status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Renewal of the Savski Marof – Zagreb Zapadni Kolodvor section</td>
<td>€ 37.6 m</td>
<td>Launch of public procurement planned in Q4/2018</td>
</tr>
<tr>
<td>2. Modernization of 50 level crossings</td>
<td>€ 10.8 m</td>
<td>Launch of public procurement planned in Q4/2018</td>
</tr>
<tr>
<td>3. Renewal of the Virovitica – Pitomača section</td>
<td>€ 20.5 m</td>
<td>Public procurement ongoing</td>
</tr>
<tr>
<td>4. Track Recording Vehicle</td>
<td>€ 9.0 m</td>
<td>Public procurement ongoing</td>
</tr>
<tr>
<td>5. Modernization of 114 level crossings</td>
<td>€ 20.3 m</td>
<td>Installation planned in Q1/2019</td>
</tr>
<tr>
<td>6. Renewal of the Greda – Sunja section (30.8 km), Zagreb Gk – Sisak – Novska line</td>
<td>€ 33.8 m</td>
<td>Works ongoing</td>
</tr>
<tr>
<td>7. Renewal of the lines within the Zagreb node</td>
<td>€ 12.2 m</td>
<td>Works ongoing</td>
</tr>
<tr>
<td>8. Renewal of lines and signaling and interlocking devices on</td>
<td>€ 17.6 m</td>
<td>Works ongoing</td>
</tr>
<tr>
<td>the Oštarije – Knin – Split line, Oštarije – Knin section</td>
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<td></td>
<td><strong>€ 161.8 m</strong></td>
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</tbody>
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THANK YOU FOR YOUR ATTENTION!

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