

The Slovenian Railways are facing the challenges of the international market

Multi-system locomotives for Corridors No. X and V

On the 1st of June the Slovenian Railways received the first Siemens electric multi-system locomotive from the Euro Sprinter group. Nineteen more will be delivered before May 2007. The purchasing contract was signed in July 2004. The total value of the newly purchased locomotives is 77.8 million €. The Slovenian Railways are financing the purchase of these locomotives with a loan from the international institution called Eurofima.

These locomotives are four-axial, multi-system and weigh 87 tonnes. They will be able to operate on tracks with different electrification systems -- 3 kV DC voltage as well as both 15 kV and 25 AC voltage. They reach speeds of up to 200 km/hr, have 6 MW power and the highest traction force is 300 kN. During braking the energy is returned to the railway network, so the locomotives are, without a shadow of a doubt, much better than the previous ones regarding energy efficiency.

The new Locomotives will be marked with the sign SŽ541. Besides here in Slovenia, these new locomotives will be able to run on the German, Austrian, Croatian, Italian and Hungarian railway networks.