

THE FUTURE OF TRAIN TRAVEL



**High-speed rail
gives you more
time to do what's
important to you.**

**The era of high-speed trains
is coming!**

Travel faster across Czechia and Europe

WHAT IS RAPID SERVICE?

Europe is gradually being linked by a network of special high-speed lines. The system that is being developed in Czechia is called **Rapid Service (RS)**. Its backbone will be **high-speed lines (HSL)** that will also link Czechia to neighbouring countries.

- RS will connect cities and regions nationally and internationally.
- With speeds of up to **320 km/h**, RS will become a more attractive alternative to travel by car.
- On some routes in Europe, RS can even compete with air travel.
- And they are environmentally friendly!



photo: Meinzhahn / Dreamstime.com

HIGH-SPEED TRAINS VERSUS CARS

There are many reasons to switch from cars to trains in the future:

- ✓ High-speed trains will make travel **more than twice as fast**
- ✓ HSL has **less of an impact on the landscape** (double-track HSL has half the footprint of a motorway)
- ✓ High-speed trains will take you comfortably **from one city centre to another** (no more headaches about parking in the city)
- ✓ HSL will **free up conventional railway and motorway capacity**, and it doesn't suffer from traffic jams
- ✓ High-speed trains **do not pollute the air** and make much **less noise**

High-speed trains use
5 to 7 times less energy
per passenger than airplanes and cars.

PERFECT CONNECTION BETWEEN LARGE AND SMALL CITIES

With Rapid Service, you'll be able to **travel between cities and regions at much faster speeds than before** even if high-speed line doesn't go all the way to your station.

This is because high-speed lines **will work similarly to motorways**. Branching lines will connect them to the existing modernised railways.

Different types of high-speed trains will run on different routes. Each will have a different function (→ more on the last page).

European cities and regions will be much closer with the high-speed rail.



2017

2020

2023

2025

2030

2038

2040

2050

Initial preparations

Official start!

The concept of "Rapid Service" receives the green light from the government.

The main feasibility studies are being completed.

Dialogue with municipalities and citizens continues. Designing and plotting routes is in full swing.

Breaking ground: We start building the first high-speed line!

Gradual construction of HSL linking Prague, Brno, Ostrava and neighbouring countries.

The first sections of HSL put into operation.

Travel from Prague to Brno now takes 1 h 45 min.

Trains beat travel on the D1 motorway.

From Prague to Brno in 1 hour thanks to HSL!

The Ore Mountains Tunnel (CZ/DE) is in operation (one of the longest in Europe).

We are finishing the Berlin—Prague—Vienna main line!

Everything done!

WHICH TRAIN TO PICK?



1

SPRINTER

(for example Berlin → Prague → Brno → Vienna / Prague → Brno → Ostrava)

The king of high-speed rail travelling at top speeds between metropolises, rarely slowing down and stopping even less. It's a bit like a plane on rails.



2

EXPRESS

(for example Frankfurt → Dresden → Ústí n. L. → Prague / Prague → Jihlava → Brno → Zlín)

A superfast rail connection between major cities. Very similar to the Sprinter, but makes more stops. On the way from Germany, you can also get off in Ústí nad Labem.



3

FAST TRAIN

(for example Prague → Havlíčkův Brod → Žďár nad Sázavou / Prague → Roudnice n. L. → Litoměřice → Ústí n. L.)

Expert in connecting regional centres. It runs at maximum speed on the high-speed lines, while travelling a bit slower on conventional railway lines. It stops at key transport hubs.



4

SUBURBAN FAST TRAIN

(for example Prague → Beroun → Příbram / Brno → Velká Bíteš → Velké Meziříčí)

A key link between cities and their surrounding communities. It speeds up daily commute to and from the city.

1 — Italo, Italy, photo: Vividaphoto / Dreamstime.com

2 — Eurostar, United Kingdom, photo: olrat / iStock images

3 — ICE, Germany, photo: © Siemens Mobility, 2022

4 — Stadler Kiss, Germany, photo: Mirkone, Wikipedia.org, CC

BE FASTER IN YOUR DESTINATION

BERLIN → VIENNA: The SPRINTER can cover this route **in 4 hours**. You'll be at your destination twice as fast than today by train! This is now possible only by plane.

PRAGUE → DRESDEN: The EXPRESS will **save you more than 1.5 hours**. Compared to today, the journey will only take a third of the time!

PRAGUE → HAVLÍČKŮV BROD: The FAST TRAIN will **save you about 45 minutes**. You will reach your destination almost twice as fast as today!

BEROUN → PRAGUE-SMÍCHOV: By today's fast train, it takes 30 minutes, but the SUBURBAN FAST TRAIN will do the job **in just 13 minutes**. Your travel times will be reduced by nearly two thirds!

High-speed trains let us save you a lot of time.
It's up to you how you use it!

And the best part?

The journey to faster travel
will begin at the same train
stations you use today.
But we will also add
brand new railway
terminals.

Visualisation of the Prague-East – Nehvizdy terminal, Správa železnic



Ministerstvo dopravy



SPRÁVA
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Further information

www.mdcr.cz

www.spravazeleznic.cz/vrt