

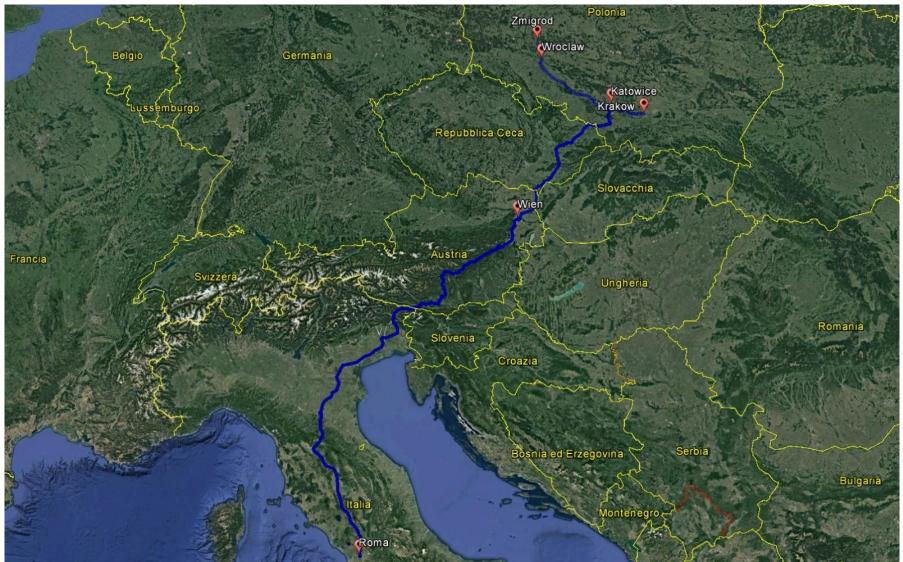


Master Degree

TRANSPORT SYSTEMS ENGINEERING



12/02/2017 – 18/02/17 - From Italy to Austria and Poland





Terminal Wien Sud

Multifunctional freight center receiving fixed composition trains Average traffic: 8 trains/day Loading/unloading time: 120 minutes / 600 m length train Storage capacity: 3.000 TEU Wien Hauptbahnhof Station

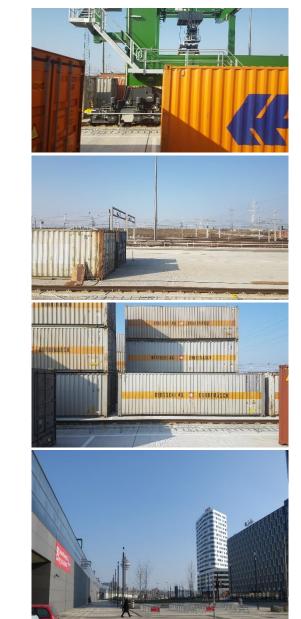
Main railway station in Wien, replacing the old Südbahnhof and Ostbahnhof terminuses Local, National, International traffic

Directly connected with S-Bahn, U-Bahn, tram and bus lines

















Silesian University of Technology in Katowice

One of the largest universities of technology in Poland Over 70-years of successful tradition in education, research and development, cooperation with industry

Suburban tram system Katowice-Sosnowiec

One of the largest tram lines in the world: over 50 km

Krakow Glowny transport hub

Located in the centre of the city

First transport hub in Poland with Local, National and international connections by rail, tram and bus Average traffic: 280,000 passengers/day



















Zmigrod Test Track Centre of Railway Institute

7725 m ring circuit with standard gauge with 160 km/h maximum allowed speed Real scale tests of durability, reliability, strength and dynamic features of railway systems and equipment:

- Rolling stock and traction systems
- Signalling and traffic control
- Crash tests, noise and vibration

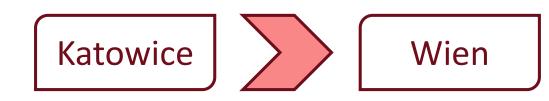














Wien Matzleinsdorf ÖBB High-Tech Maintenance Centre

Maintenance activities up to 40.000 km (average duration: 3 weeks):

- Re-profiling of wheels
- Check and replacement of braking disks
- Cleaning

Wien tramways network

Old and extended tram network (visit by old tram tour)









Wien Metro

Public transport network: 5 metro lines, 29 tram lines, 127 bus linesProjects of 2 new linesDispatching and control center of the wholeU1 line extension: 4.6 km, 5 new stations, including Altes Landgut station, 30 m under street level, the deepest in Wien

Wien Siemens factory

Several specialised workshops Preparation of parts of trains, subway cars and light rail vehicles Assemblage into the final products













