



The Public Transport System of Zurich Achievements and Challenges



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Comparison India - Switzerland

	India	Switzerland
Inhabitants	1252 Mio. [x150]	8.3 Mio.
Area	3'287'000 km ² [x80]	41'000km ²
Density	368 Inh./km ² India	200 Inh./km ² Switzerland 837 Inh./ km ² Zürich
Cars per 1000 inhabitants	131 Delhi 18 India	340 City of Zurich 497 Switzerland

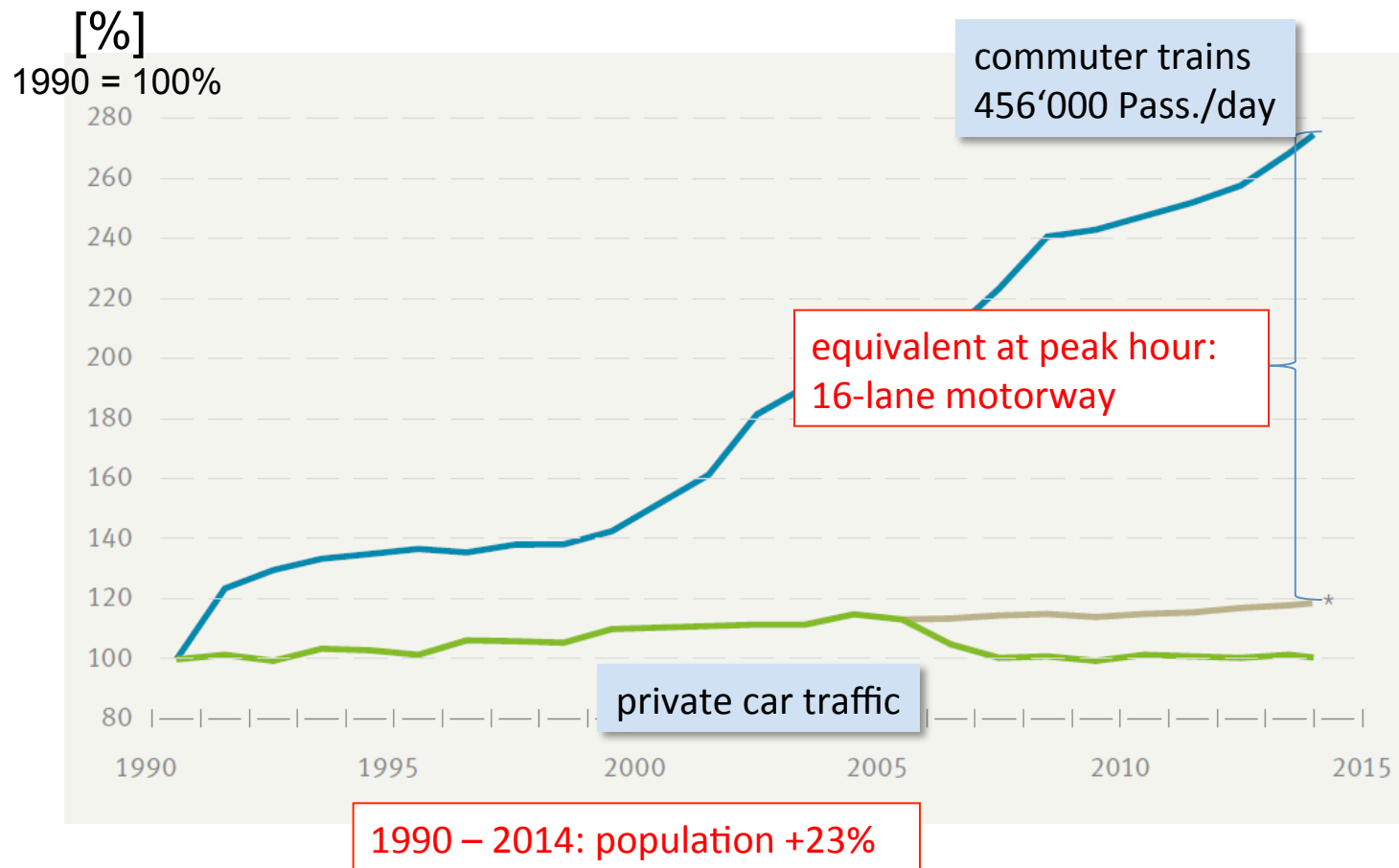


City of Zurich

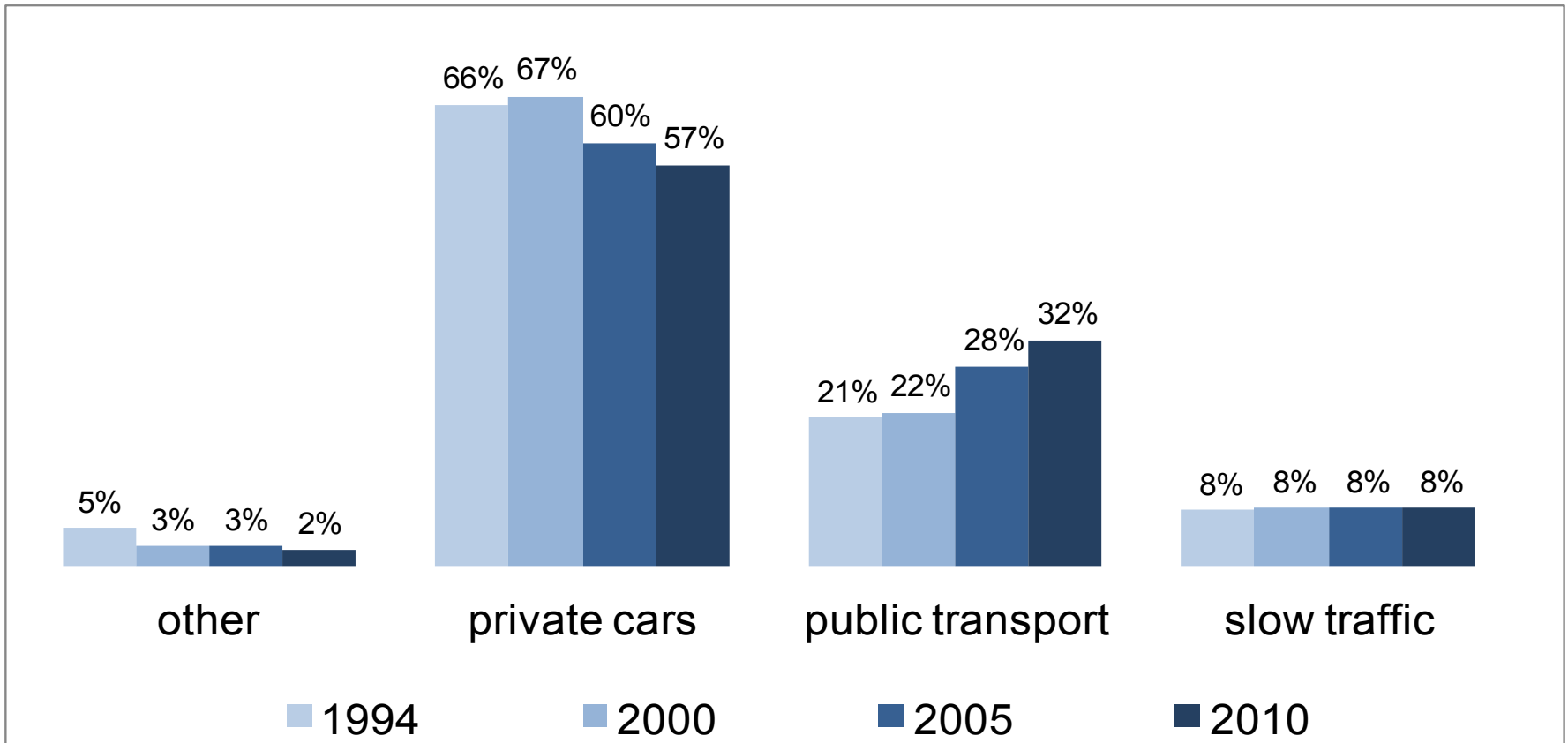


Public transport grows – private car traffic stabilized

Zurich City Limits

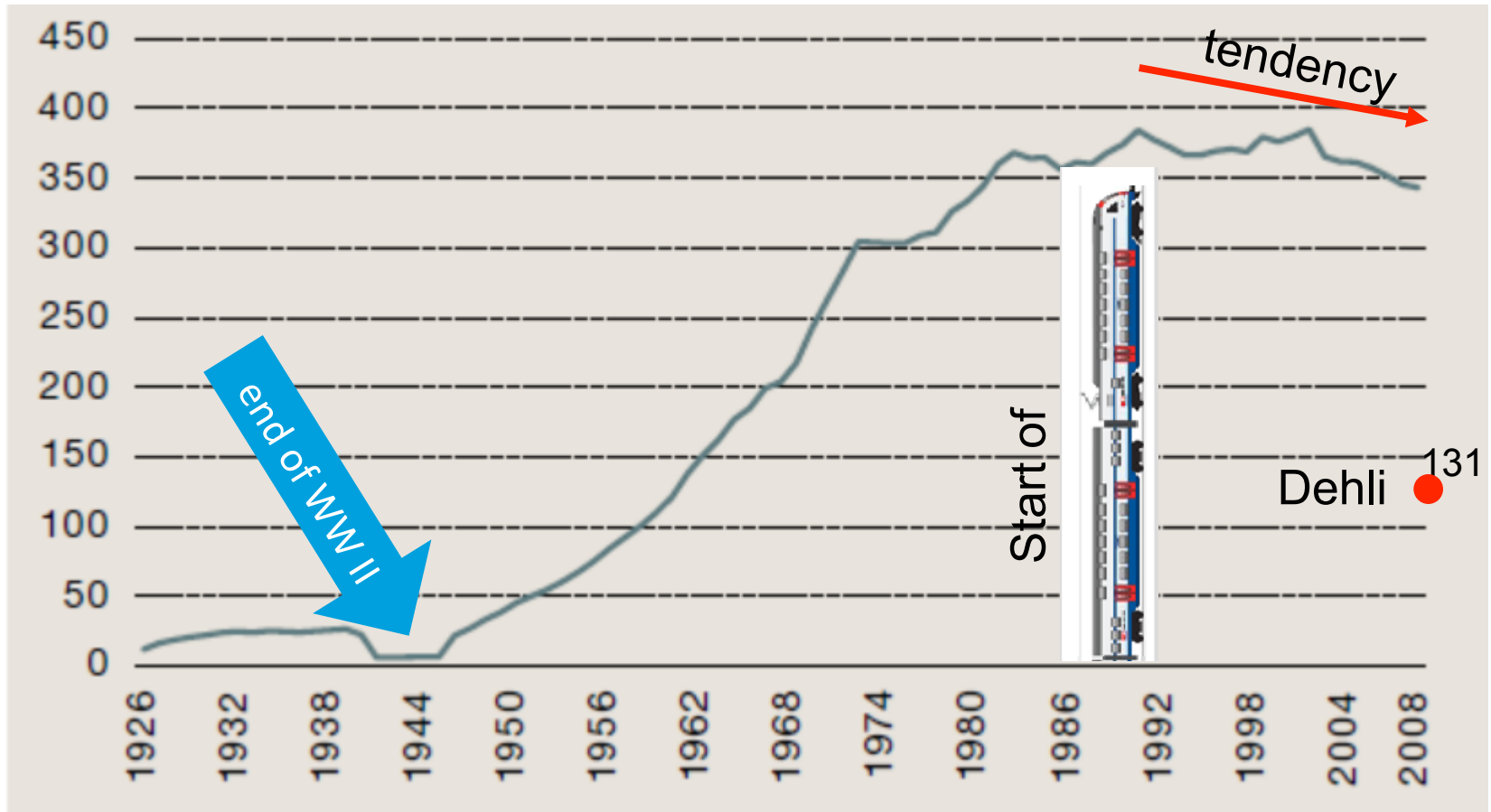


Modal-Shift in the Canton of Zurich 1994 - 2010

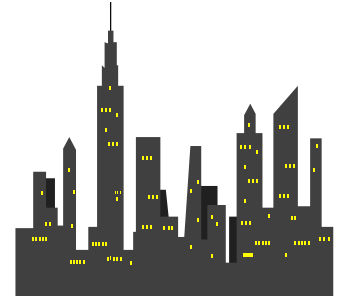


higher income correlates with higher use of public transport

Number of Cars per 1000 Inhabitants City of Zürich



Possible Explanations for the high usage



- **attractive network**
 - Competitive journey time
 - High frequency
 - Dense network
- **easy access**
 - 100% integrated regional ticket system
- political majorities for concerns of public transport
- Public Transport Authority with many control options
 - Infrastructure investment fund and financing of operations

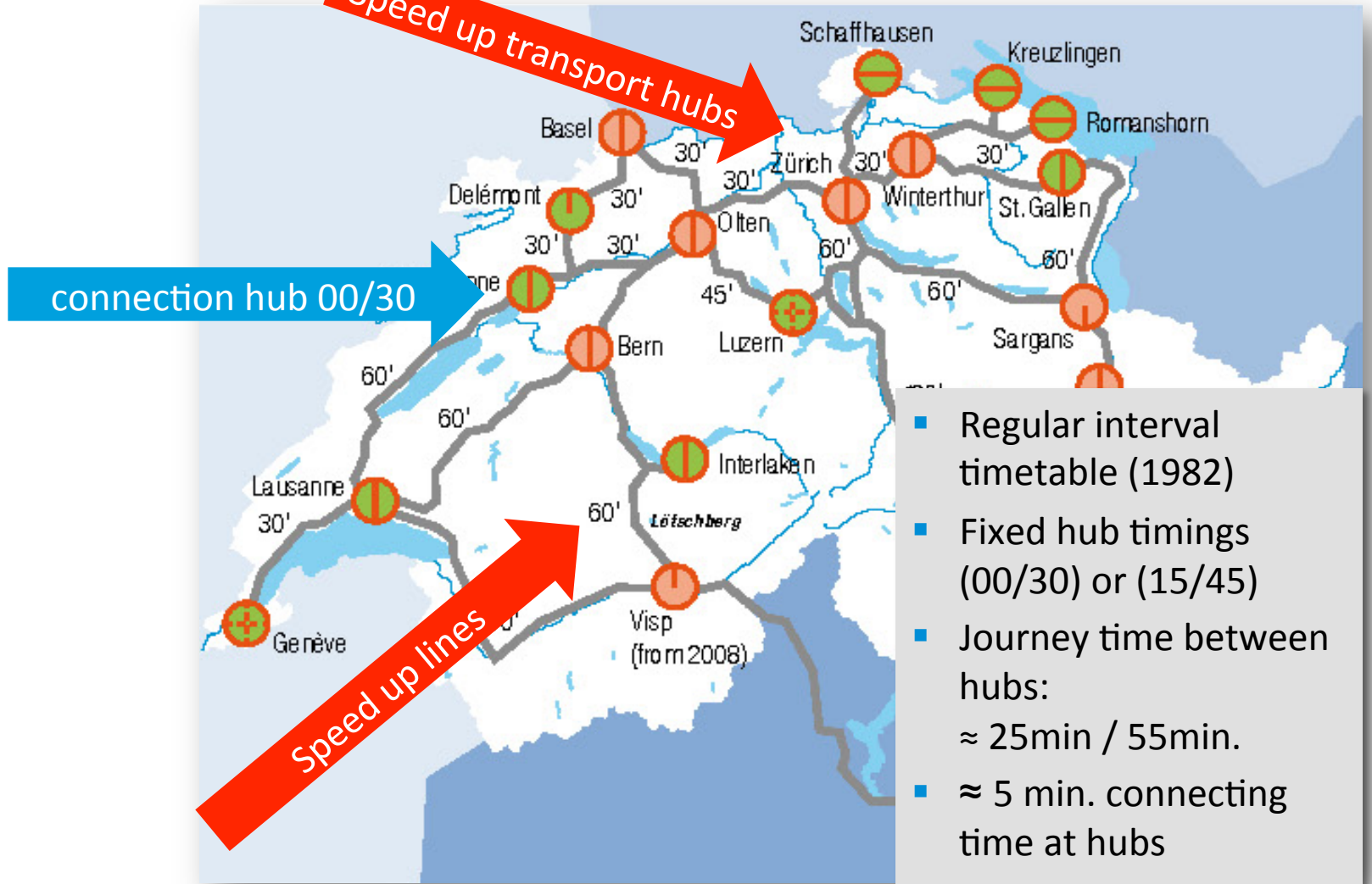
easy access: "one ticket for everything"

- +/- integrated ticket system nationwide **by law**
- 100% integrated regional ticket systems
- **100% open system: no reservations, no supplements, no access gates, no time restrictions**

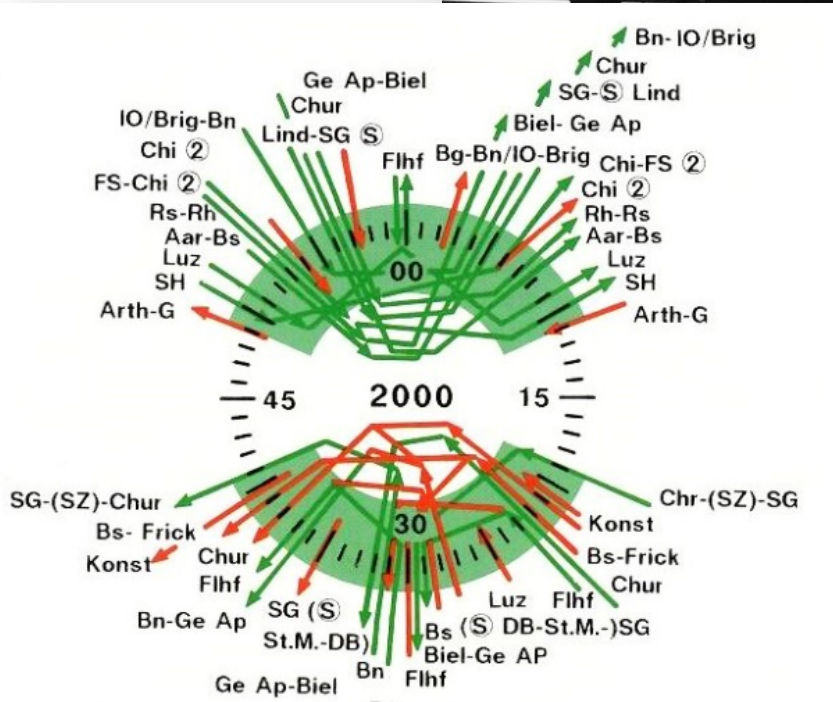


Easy Memorizeable Timetable

main national public transport hubs 00/15/30/45

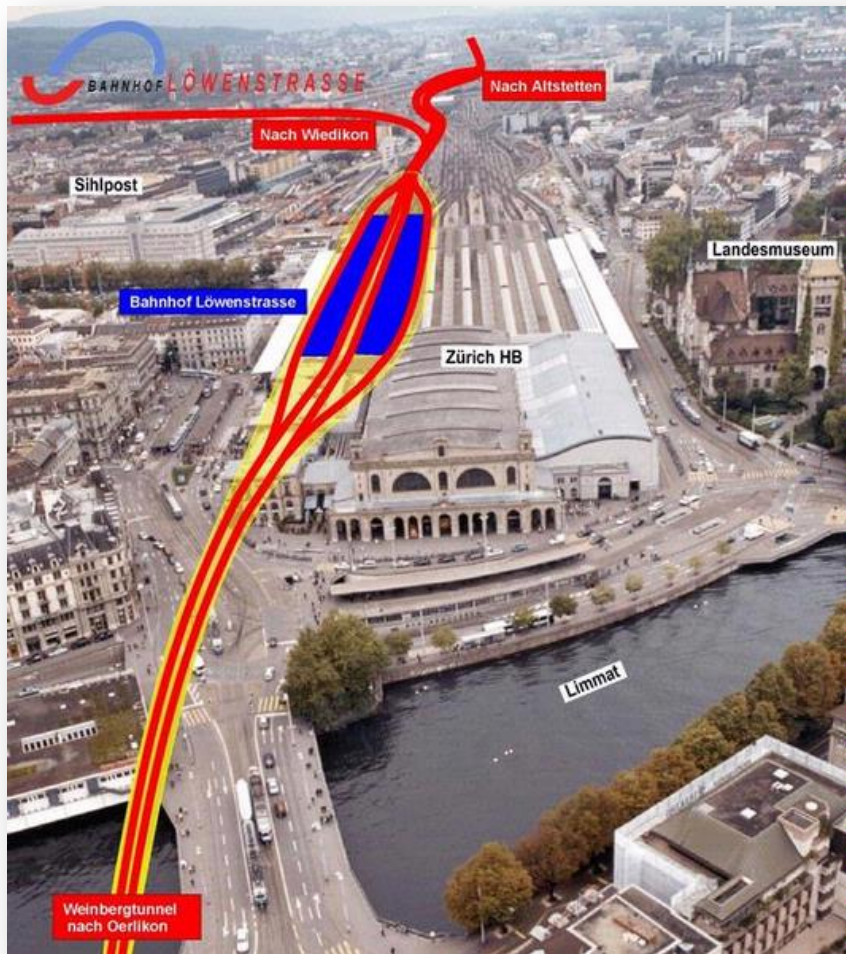


108 Departures per Hour in an empty Station?



Zürich Main Station: 455'000 passengers per working day /

New Cross City Link



main goals

- more capacity on 2 access routes
- more capacity at main station
- speed up through running trains to reach next hub

Western Access Bridge



New 4-track Underground Station

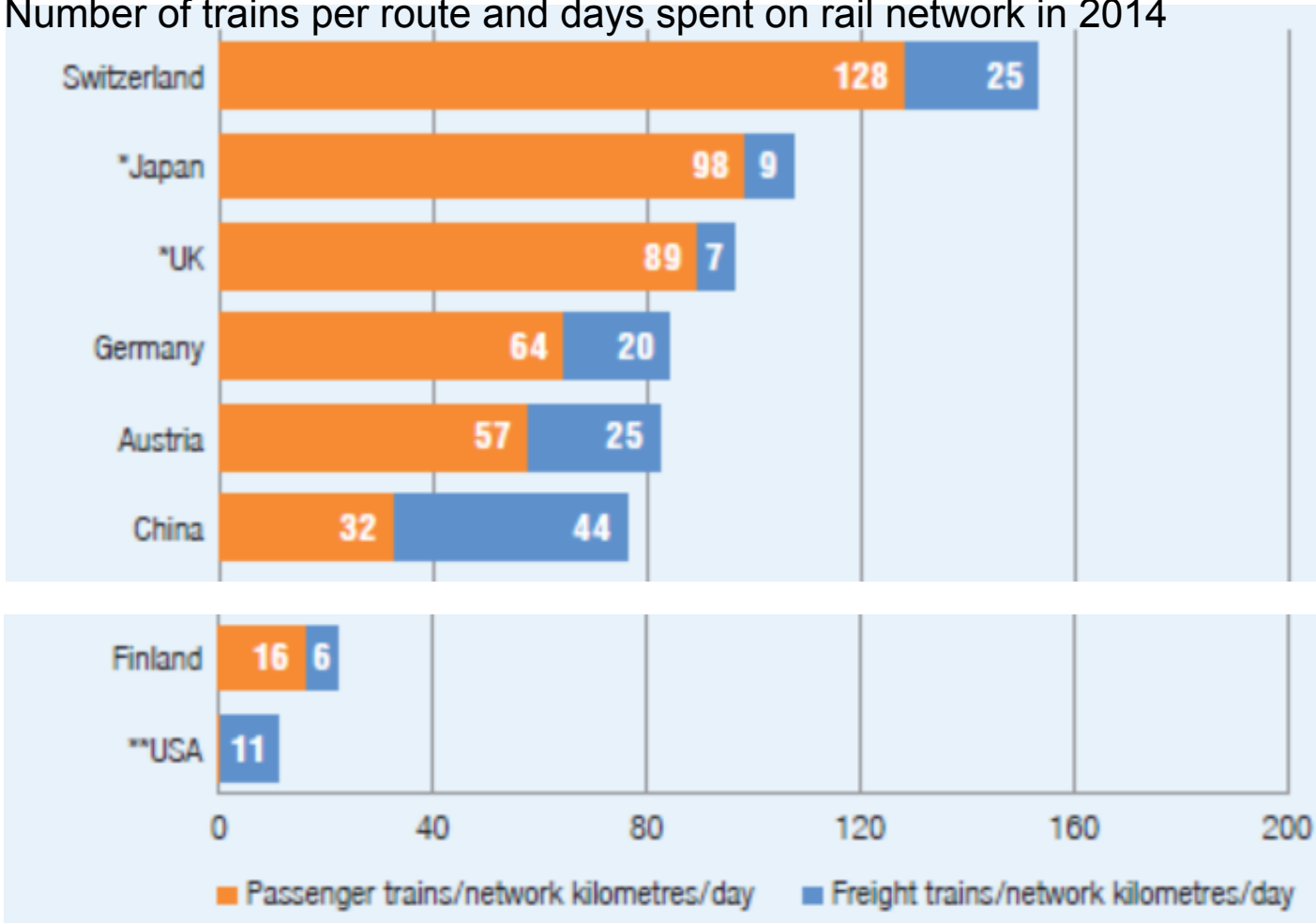




Actual Challenges

Railway Network and Trains saturated

Number of trains per route and days spent on rail network in 2014



Outlook

pessimistic

- completely saturated network
- traffic grows faster than the network
- complexity of regulations

optimistic

- high political and public acceptance
- further extension projects planned
- financing still comfortable

Thank you for your attention

be reasonable: drive at 125km/h in town.

○ Aus Vernunft: 125 km/h innerorts.

