

Track Access Charges

Infrastructure Development

Integrated Timetables

Open Access

Public Service Obligations

Track Access Charges

**Long-Term Handling
of a 21st Century**

Railway Network

STEFAN WALTER

Track Access Charges

Infrastructure Development

Integrated Timetables

Open Access

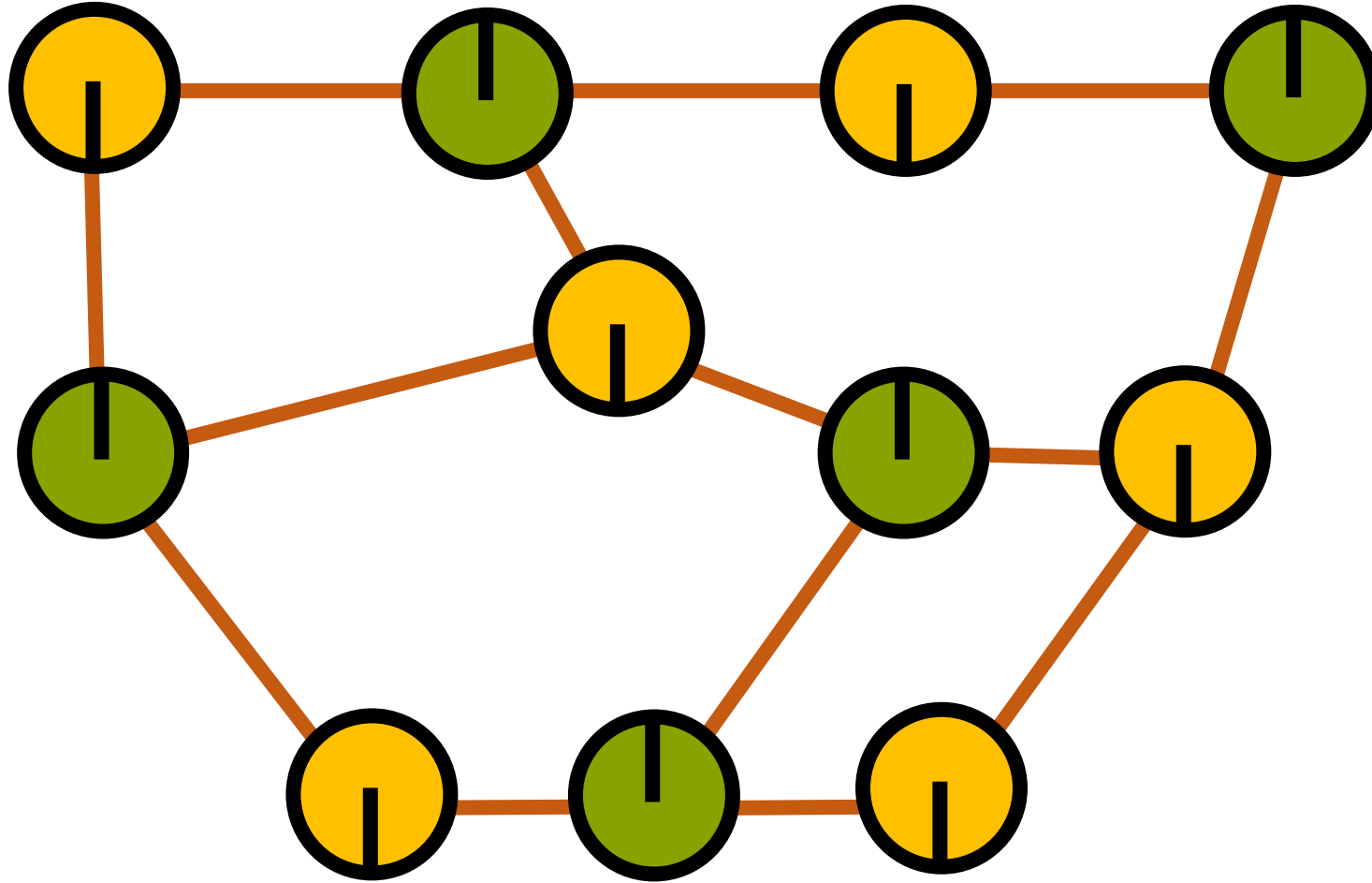
Public Service Obligations

**Infrastructure
Development**

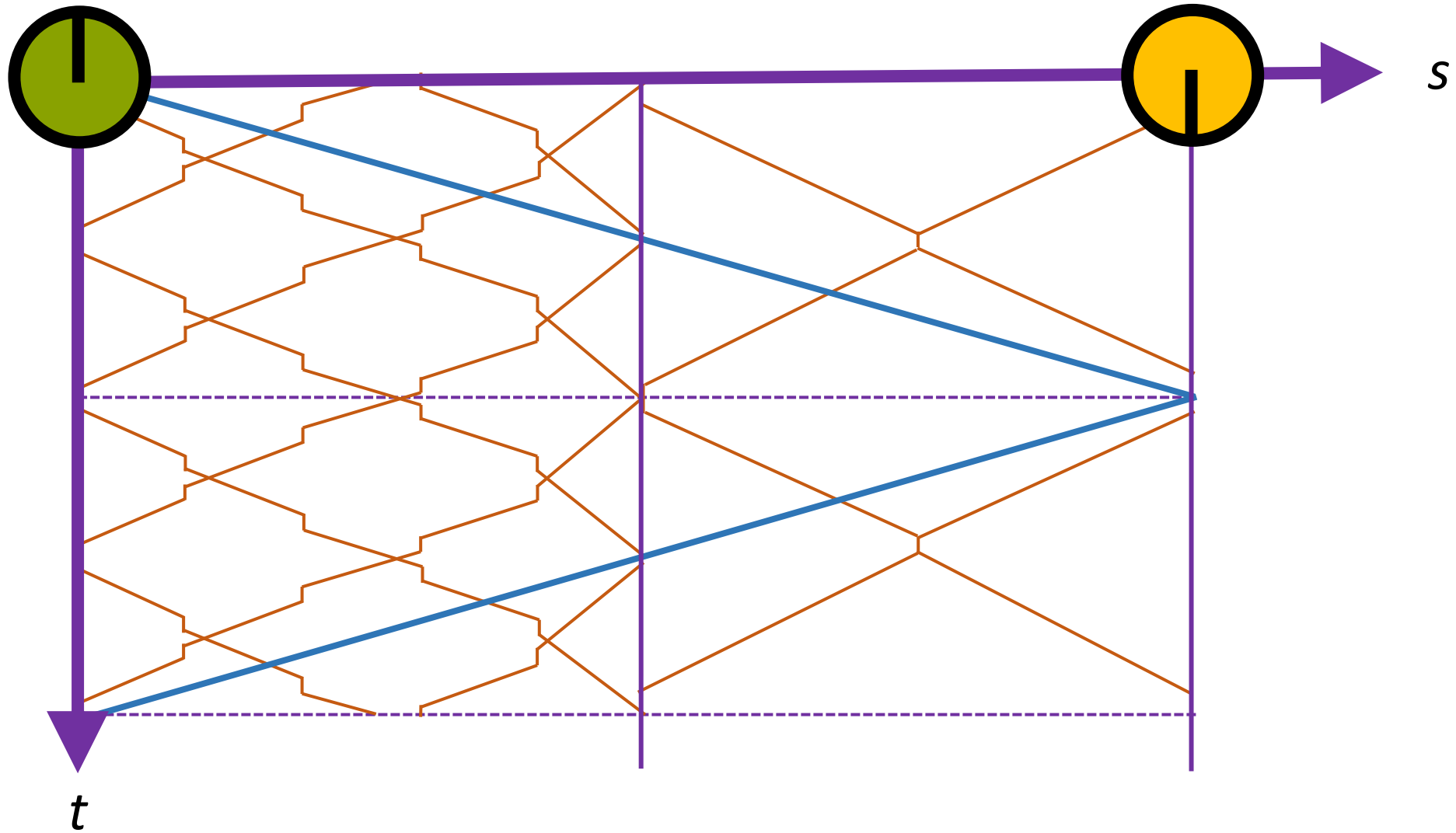


**Integrated
Timetables**

timetable hubs



coordinated timetable

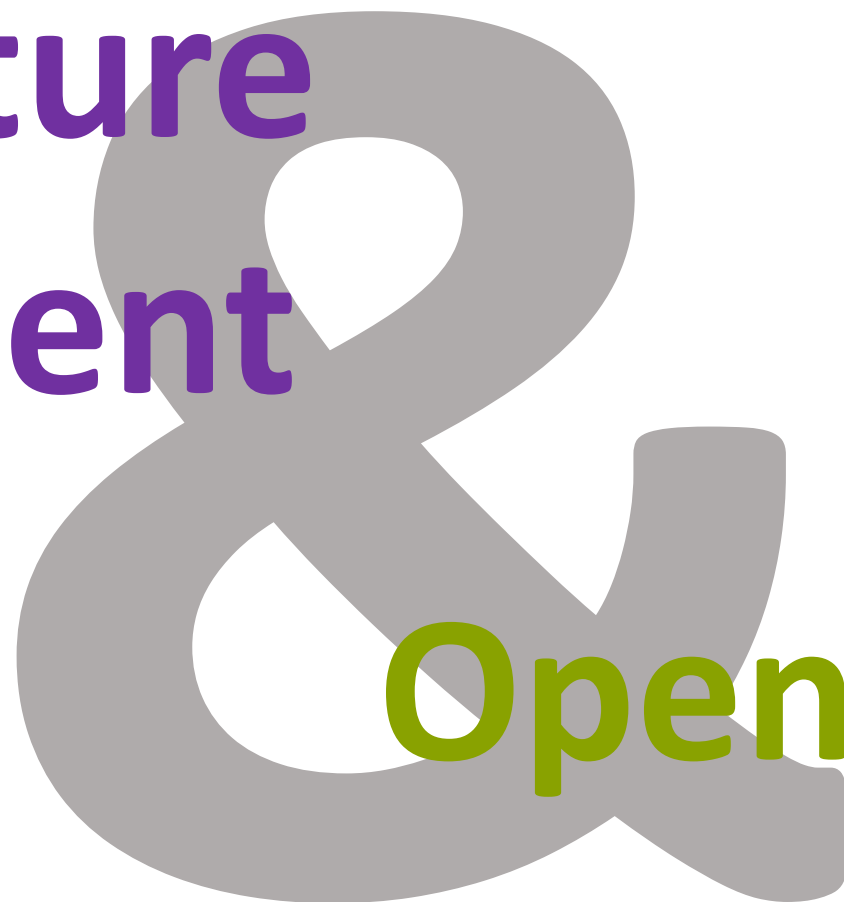


**fancy a
change?**

time frame: 20+ years

costs: € 1+ bn

**Infrastructure
Development**

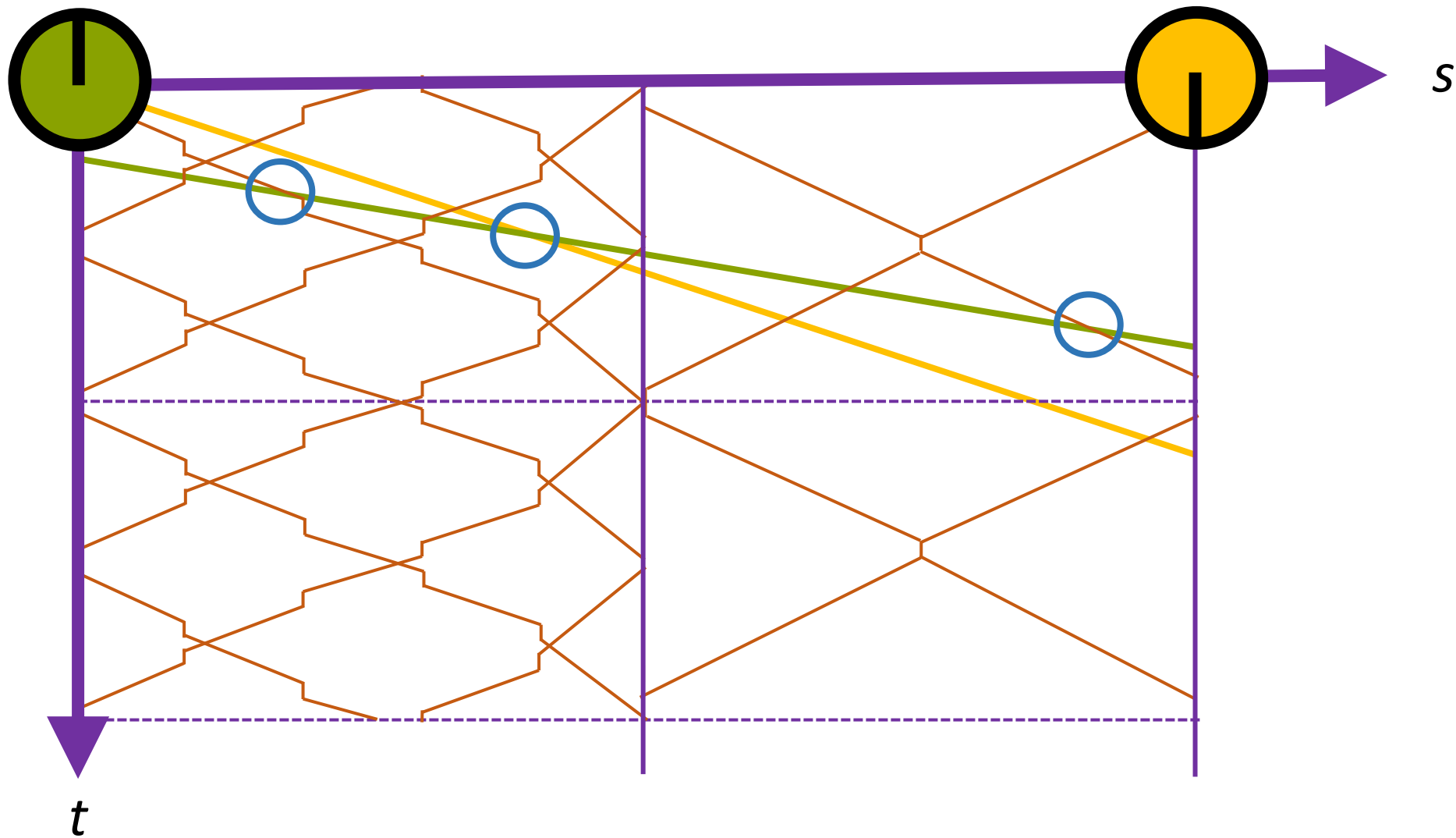


Open Access

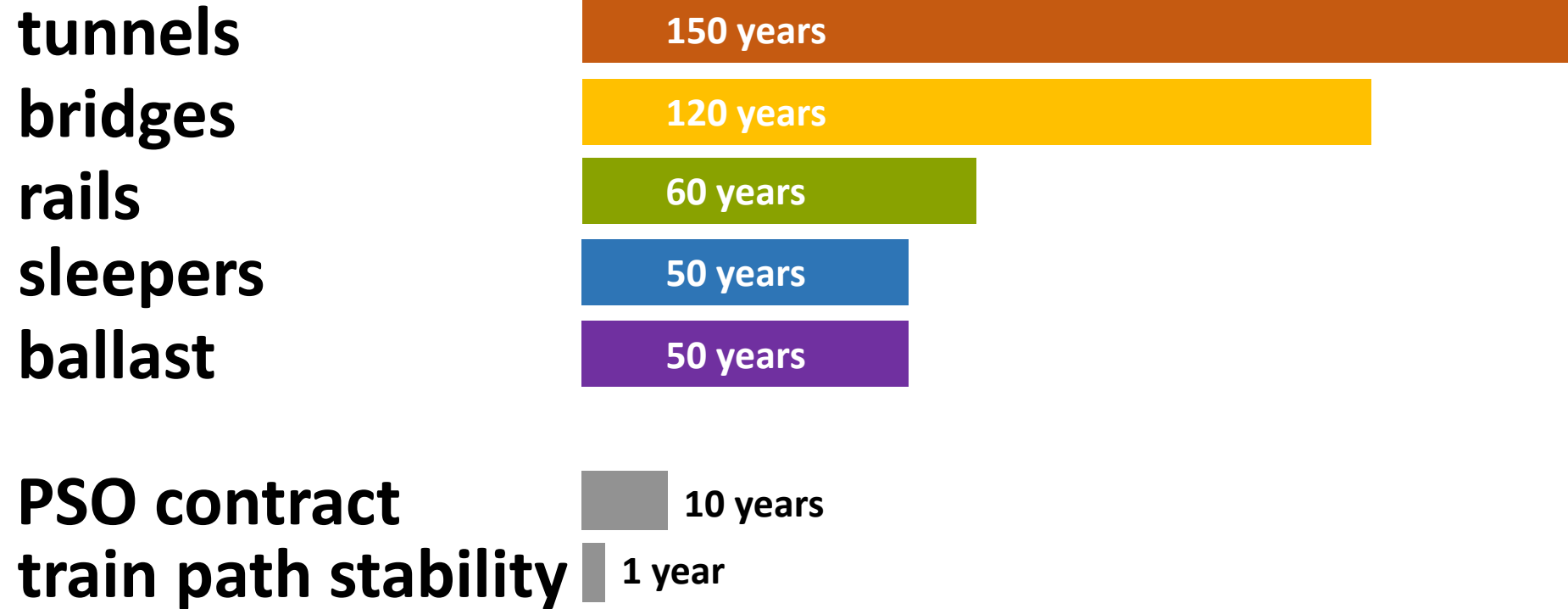
**need a
train path?**

time frame: 8–12 months

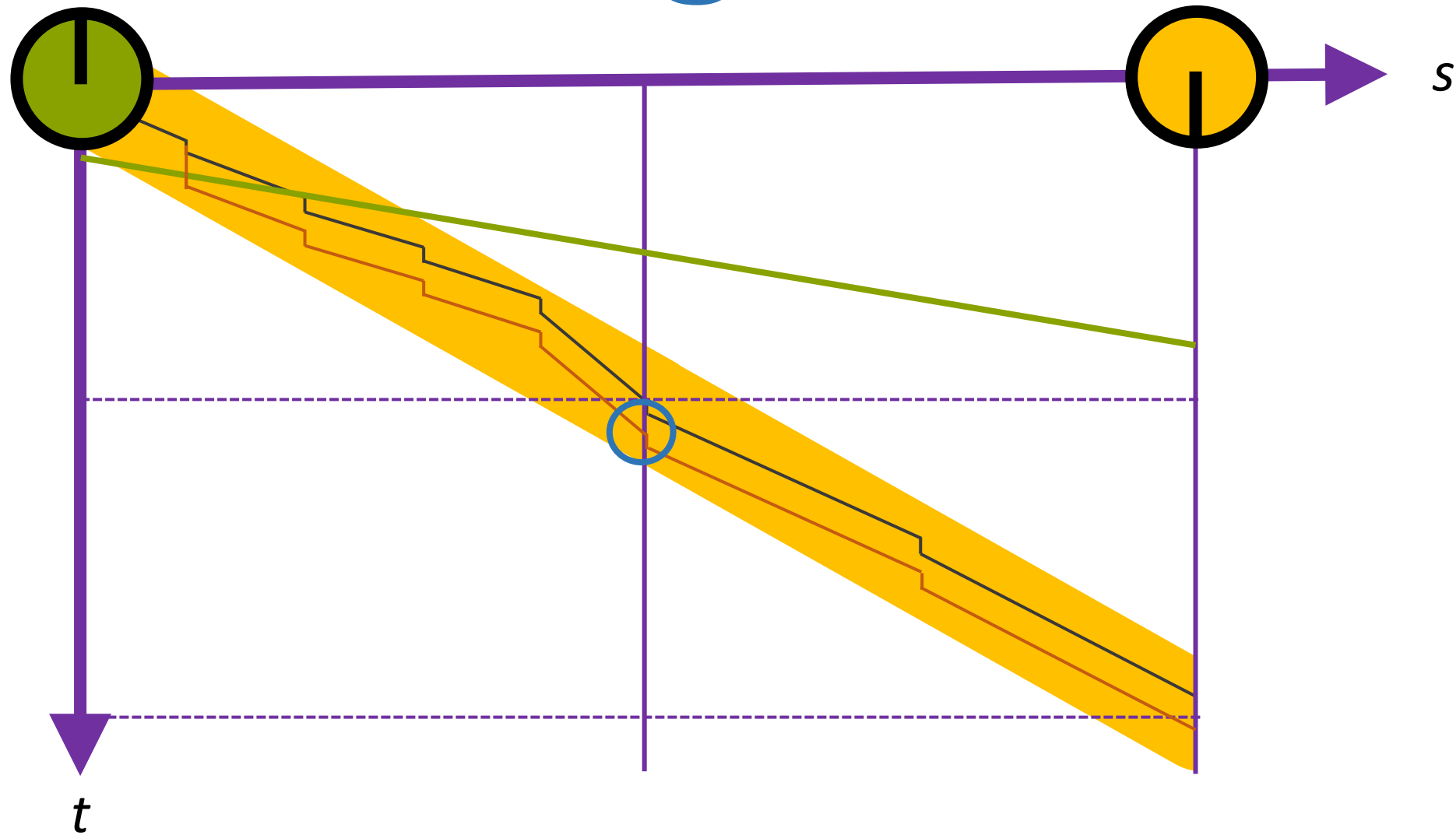
path conflicts



life spans



framework agreements



how can we
design
a network
for an unknown
timetable

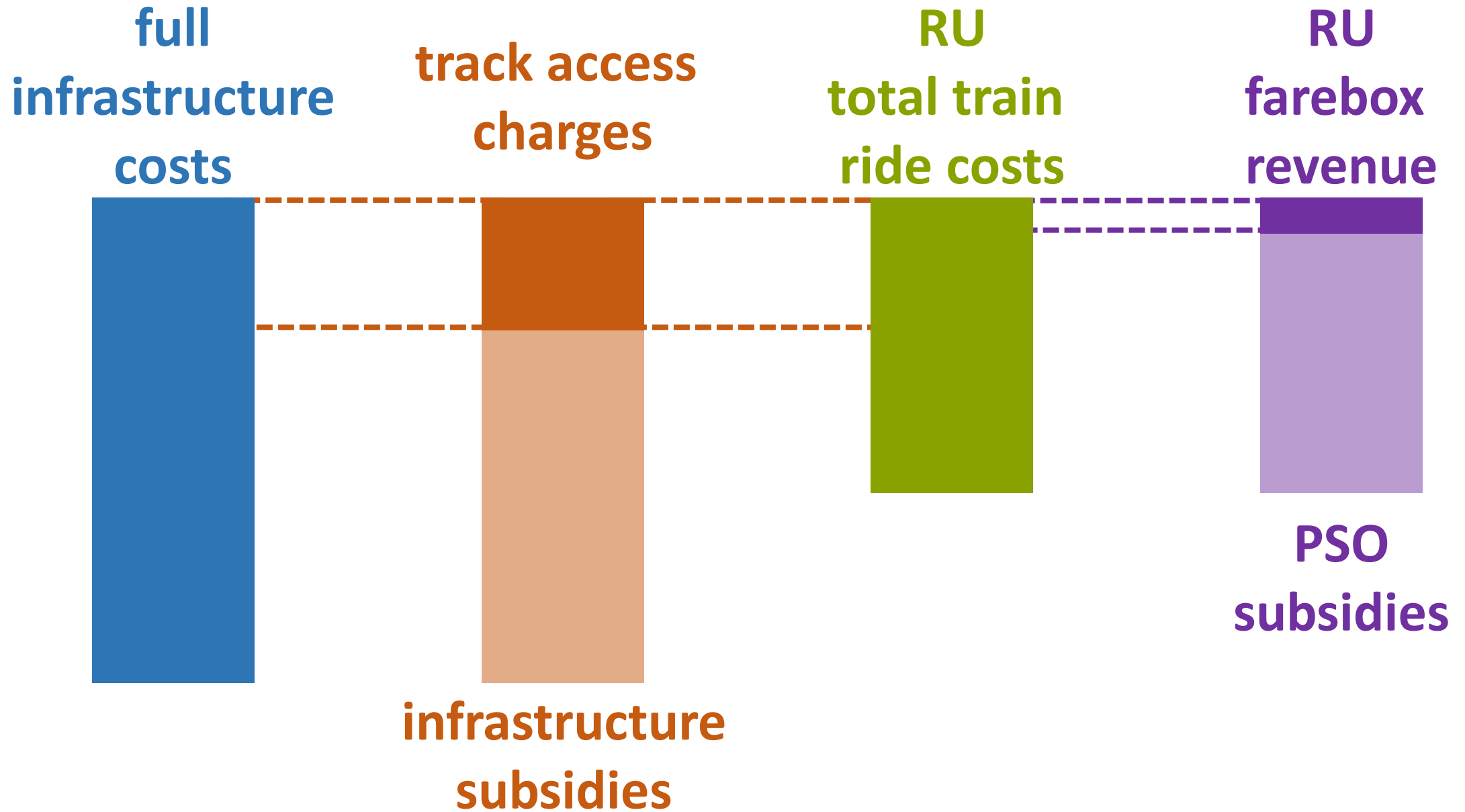


**Public Service
Obligations**



**Track Access
Charges**

Trains under PSO



how do we

charge

publicly funded

services



**Track Access
Charges**

Open Access



Self-Sustaining Train Services

full
infrastructure
costs



track access
charges



markup

infrastructure
subsidies

RU

total train
ride costs



RU

farebox
revenue



Self-Sustaining Train Services

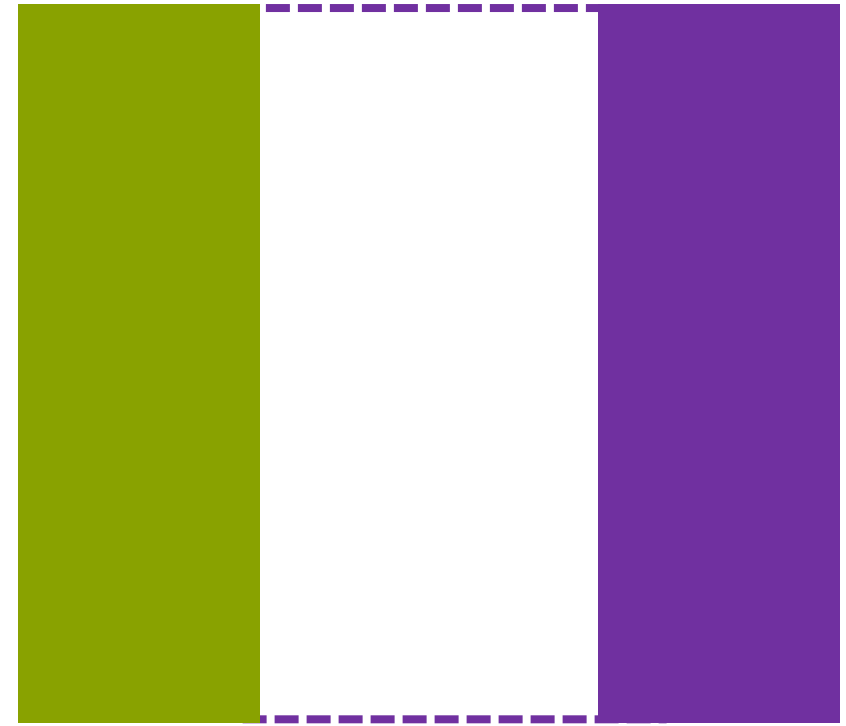
full
infrastructure
costs

track access
charges

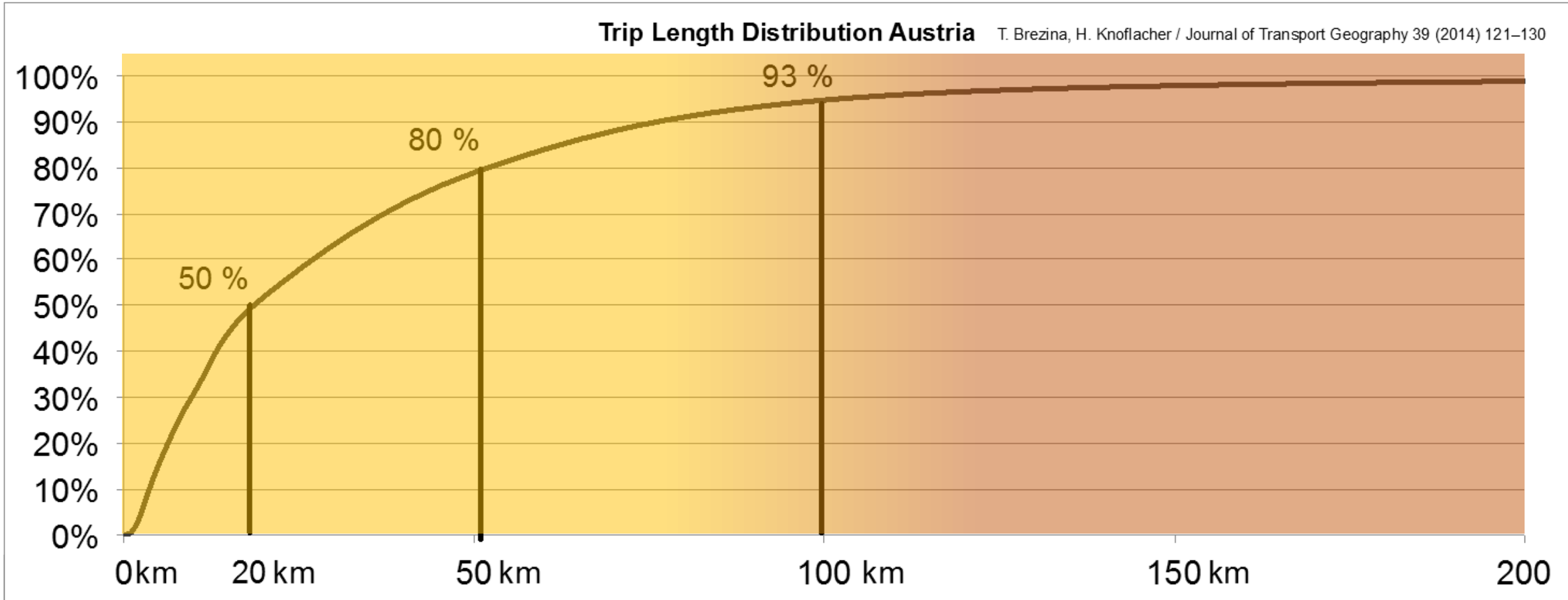


RU
total train
ride costs

RU
farebox
revenue

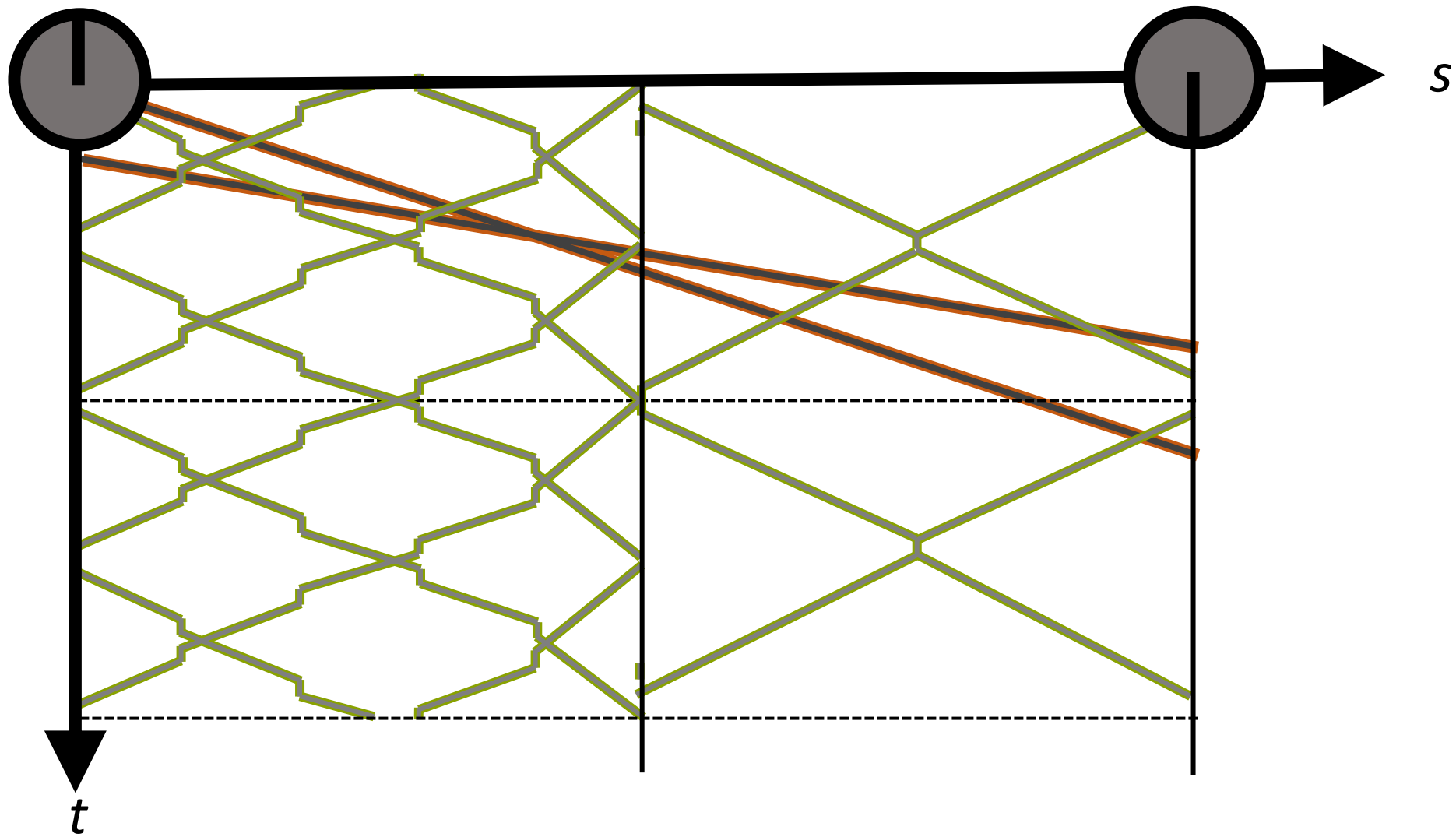


travel distances



PSO

Self-Sustaining



how can we
maintain
compatibility
for PSO and
Open Access?

Public Service

Track Access **Obligations**

Charges **Open Access**

Infrastructure **Integrated**

Development **Timetables**

How do
we handle
taxpayers'
money?



**how can we design a network
for an unknown timetable?**

**how do we charge
publicly funded services?**

**how do we maintain compatibility between
PSO and Open Access?**

**how do we handle
taxpayers' money?**



**Stefan Walter
Province of Styria
Unit of Public Transport
Stempfergasse 7, 8010 Graz, Austria
+43 676 8666 2024
s.walter@stmk.gv.at**