

Through Train Services in Japan

Institute of Transportation Economics

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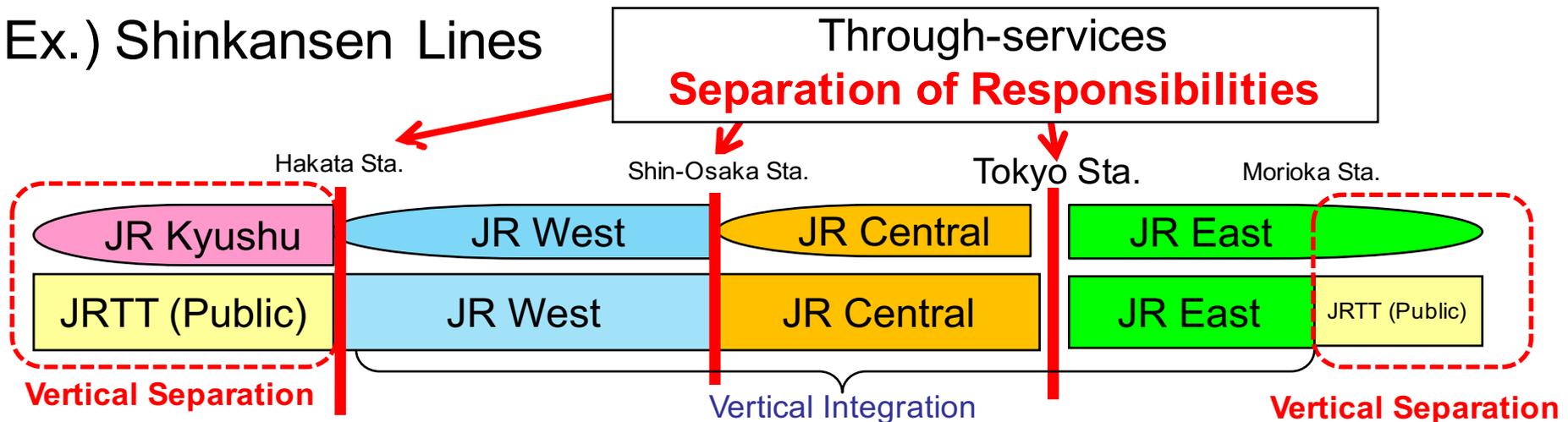
Fundamental Policy for Through-Train Services in Japan

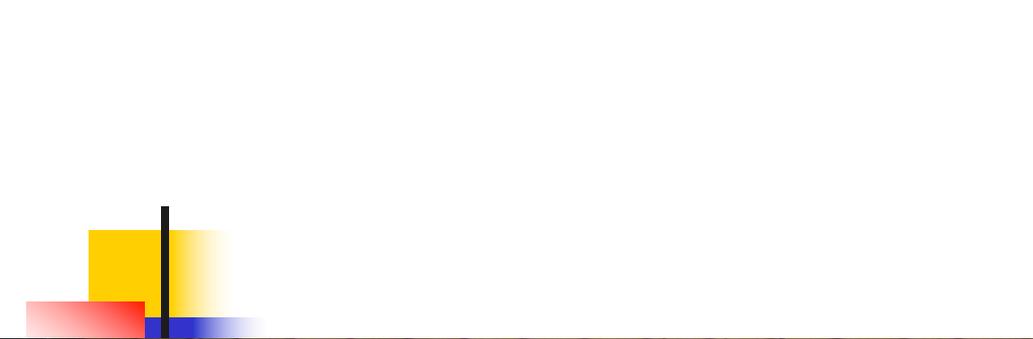
Philosophy for Safety:

Separation of responsibilities at the border station

→ This philosophy is applied to all the reciprocal through-services in Japan such as: 1) JR & JR; 2) JR & Metro; 3) Private & Metro; 4) Other cases

Ex.) Shinkansen Lines

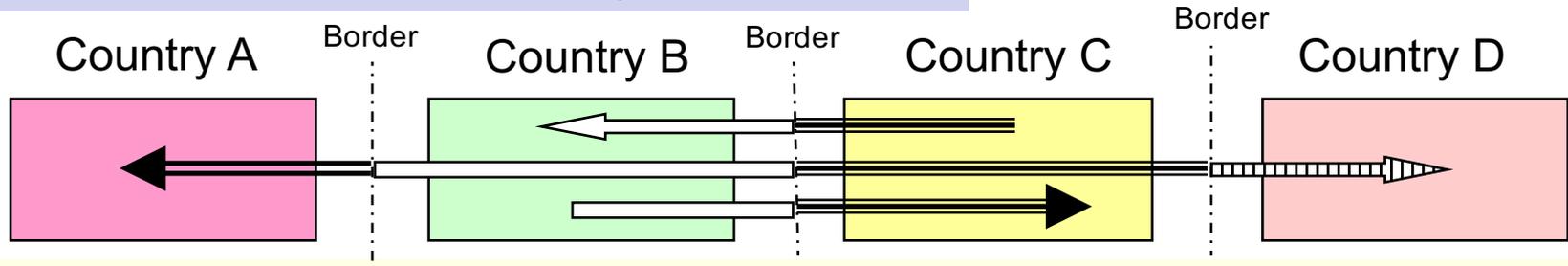




Situation in EU Countries

Start of European Rail Policies

Traditional International Railway Transport

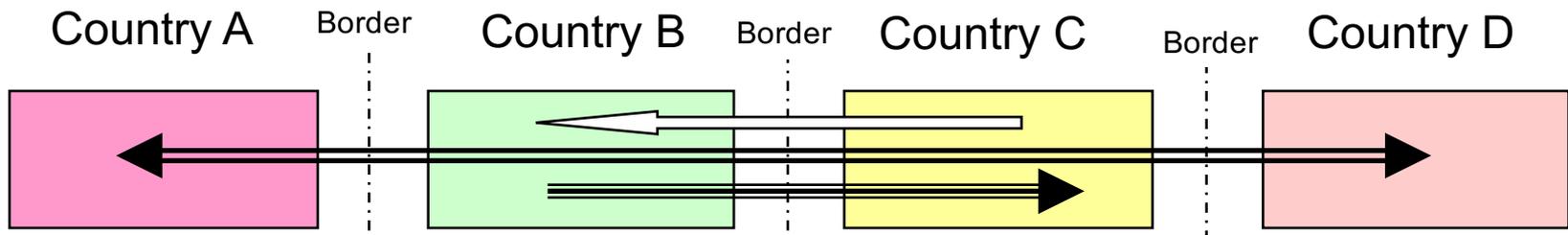


Original Background in EU

⇒ International rail freight transport was not competitive against roads.



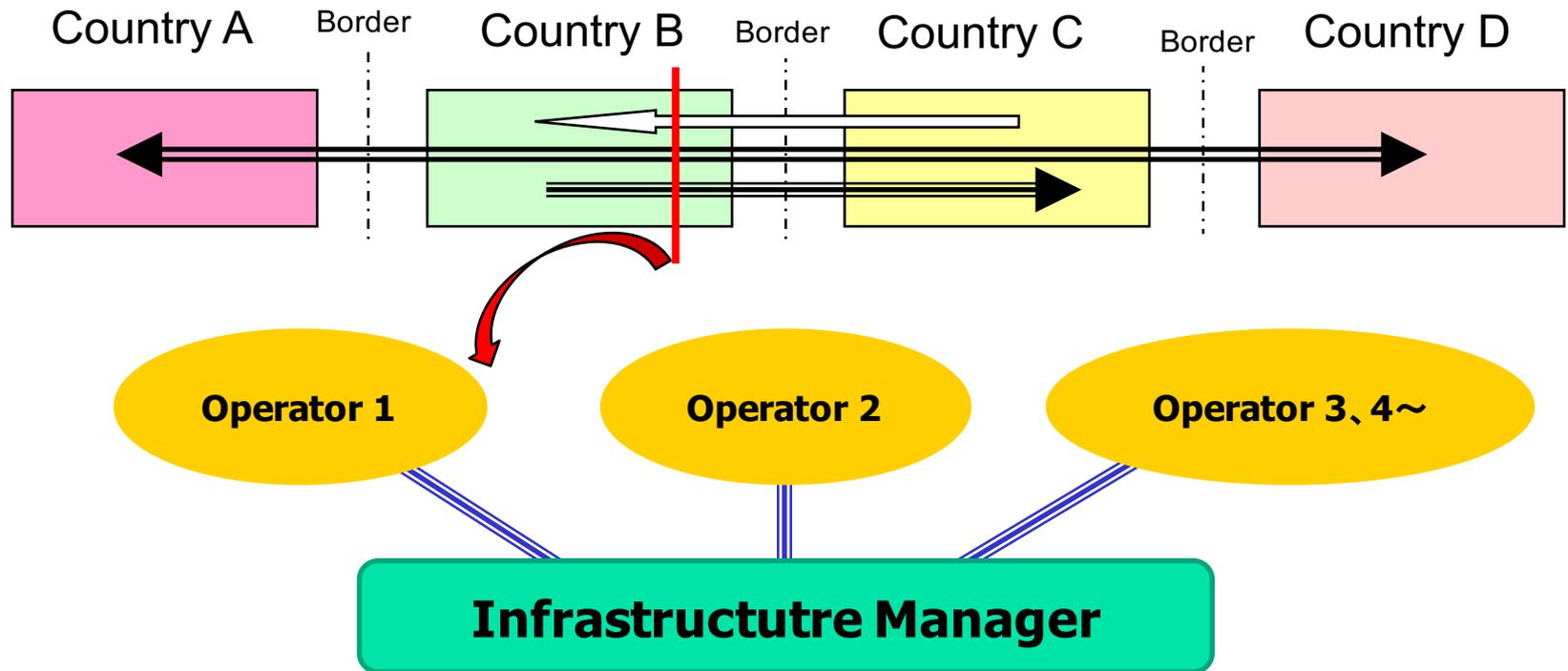
Liberalized International Railway Transport requested by European Directives



Competition in the Market

(Open Access, On-track Competition)

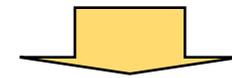
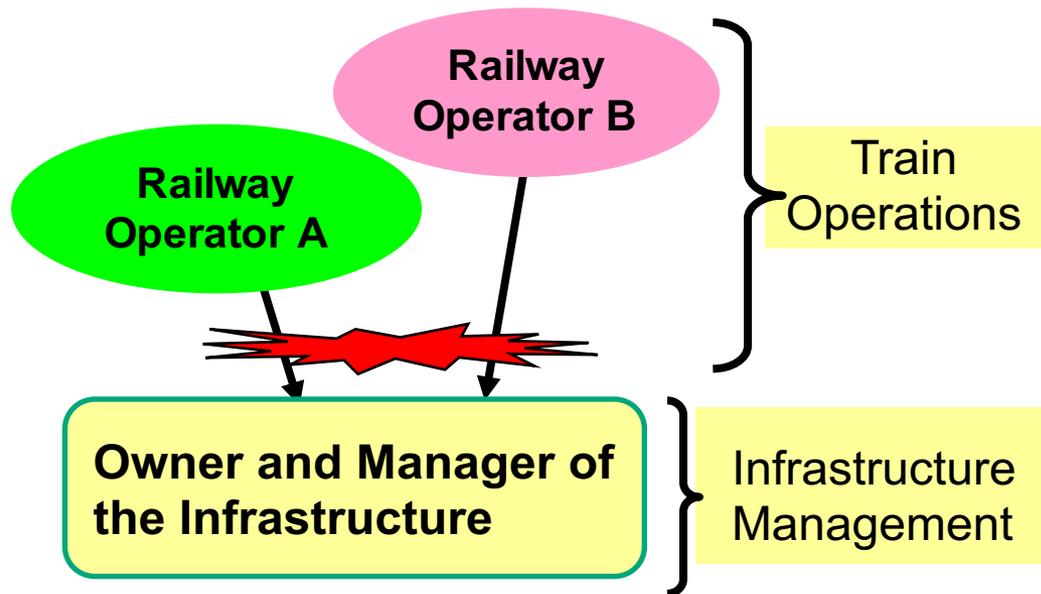
Liberalized International Railway Transport requested by European Directives



Open access has become common in the freight rail transport in the EU

Coordination Problems in EU Railways

Railway operation is separated to promote on-track competition.



Coordination problems occur especially when infrastructure capacity is limited.

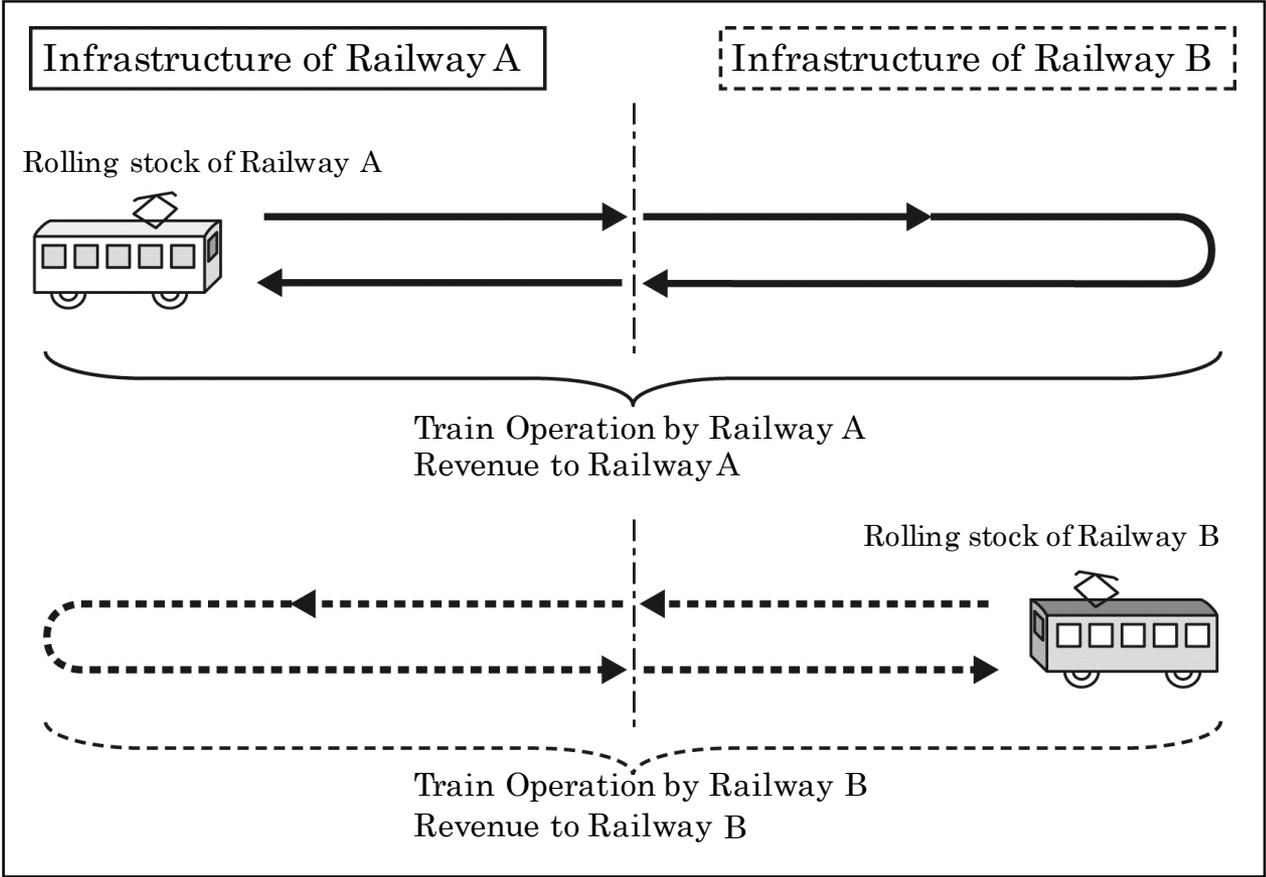
“Railway operation” is separated in Europe.



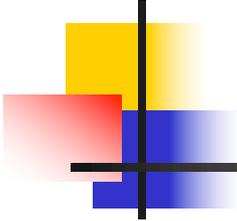
This rail management is still controversial in Europe.



Open Access in EU Countries



Source: Japan Railway & Transport Review No. 63 p.23

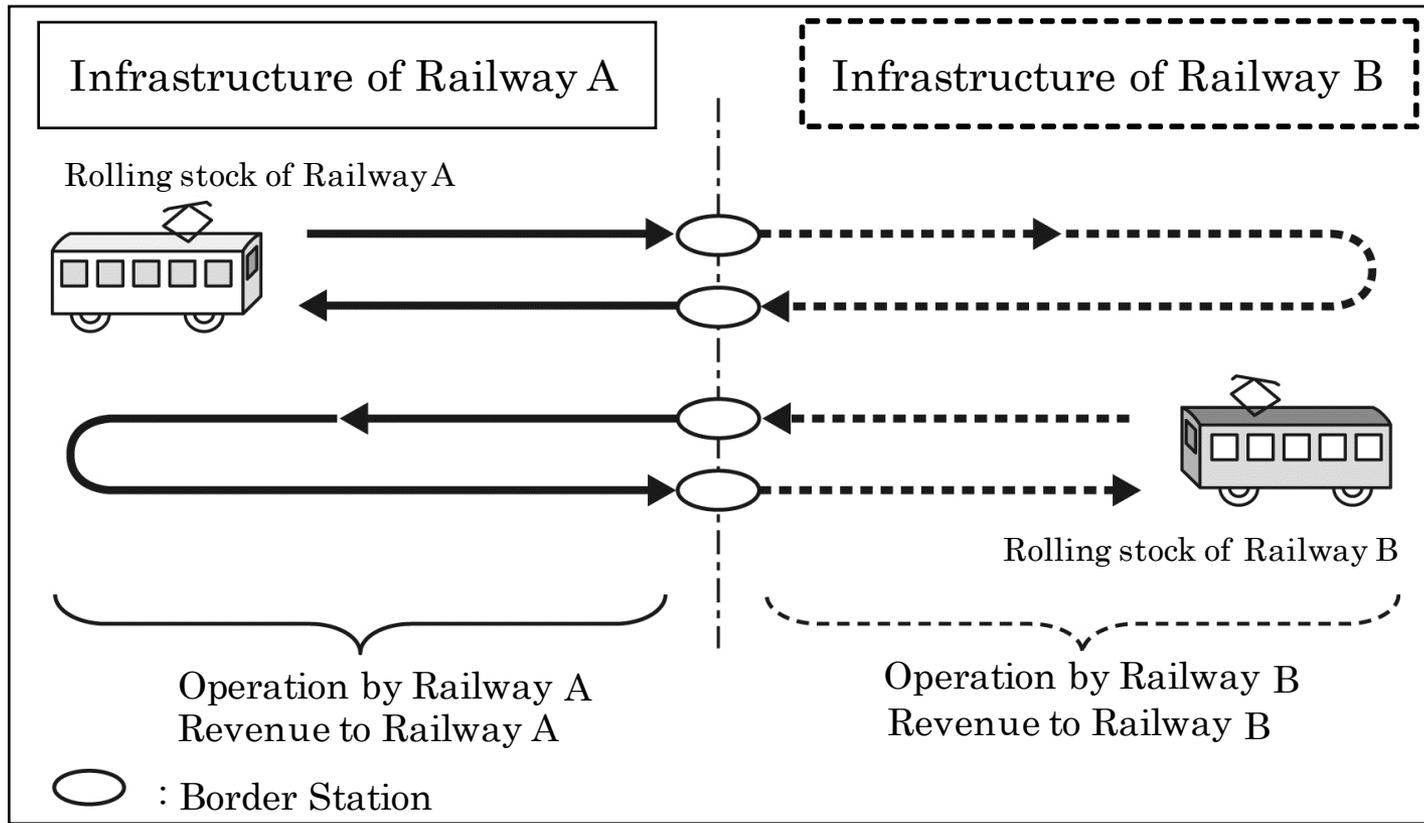


Exchange of responsibility
for train operation

Operation by a single operator

Situation in Japan

Through Train Services in Japan (1)



Source: Japan Railway & Transport Review No. 63 p.23

Through Train Services in Japan (2)

Because of the commercial benefits of the two railways, the number has been increasing steadily.

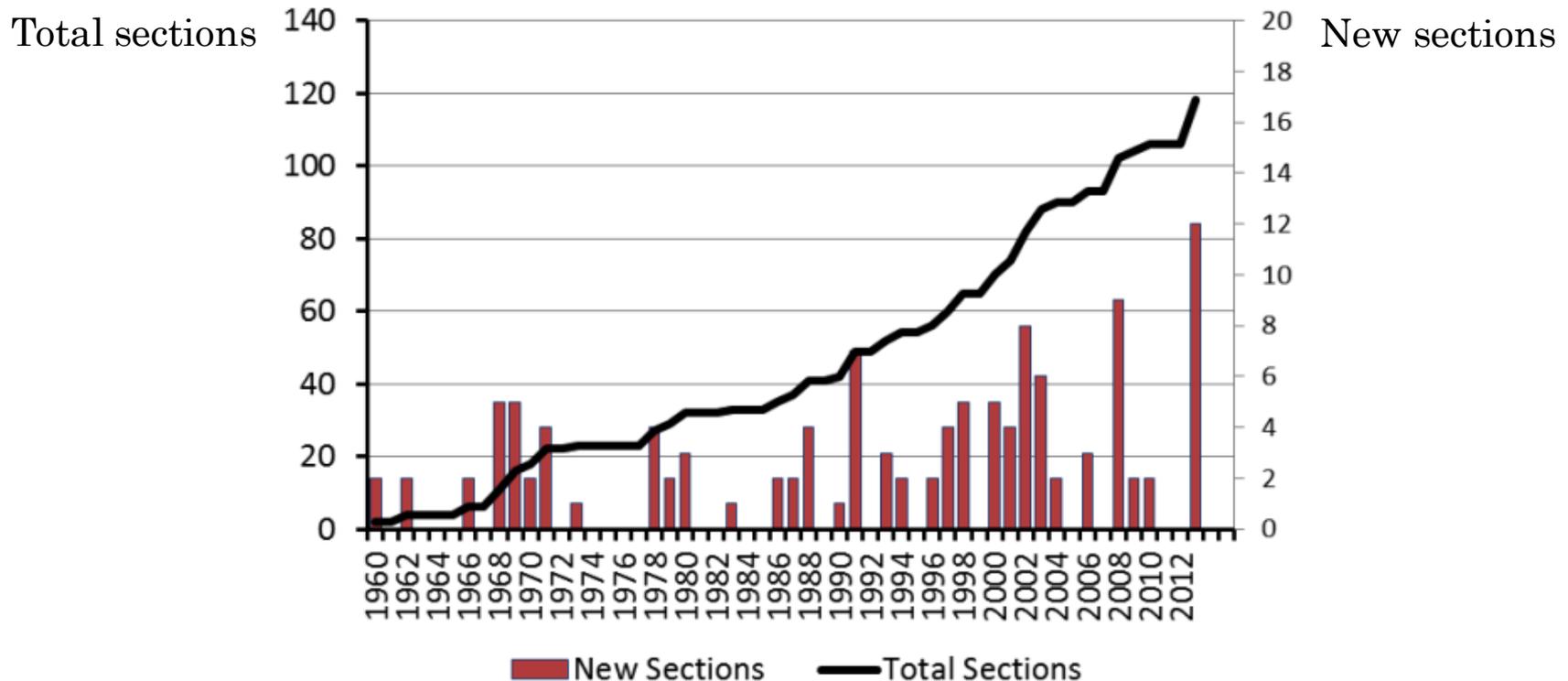
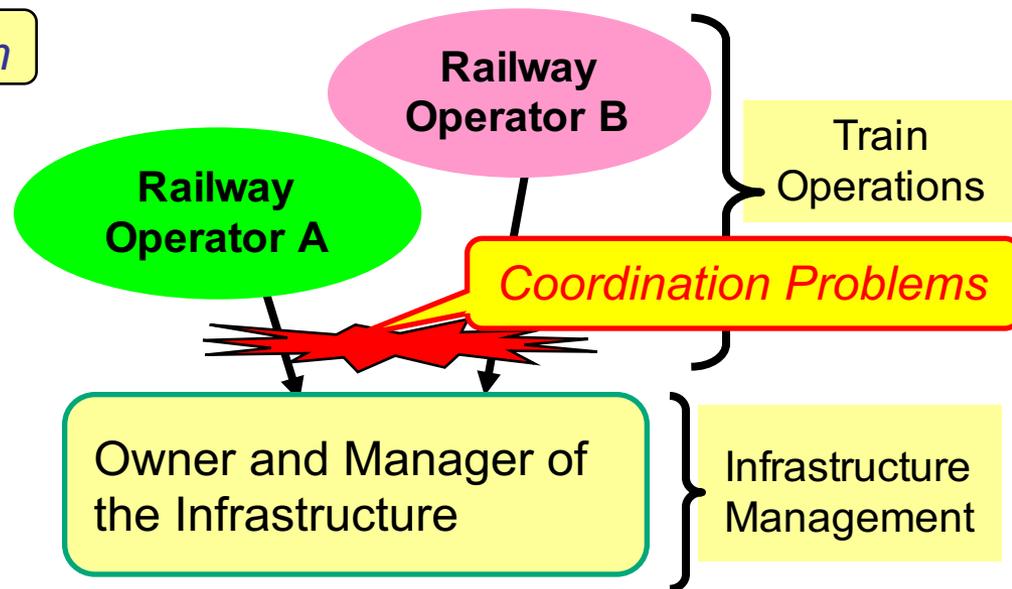
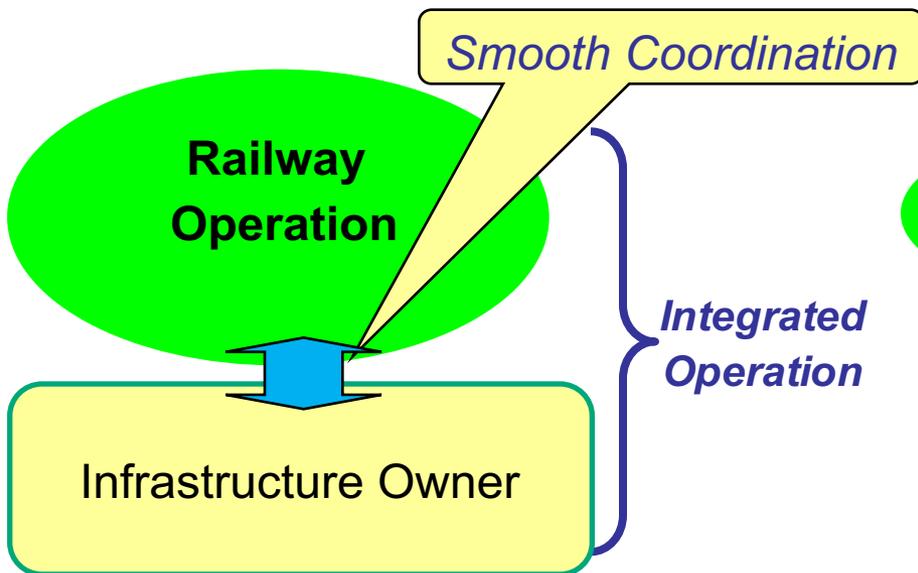


Figure. Sections with Reciprocal Through Services in Metropolitan Areas in Japan 10

Comparison of Railway Operation

Japan

Europe & Some Followers?



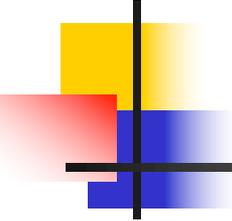
Vertical Integration (most cases)

Vertical Separation (some cases)

Ownership of infrastructure varies

Vertical Separation

Direction aimed by EU policy



Through Train Services in Japan

<References>

Kurosaki, F. (2014) Through-Train Services: A Comparison between Jap and Europe, Japan Railway & Transport Review (JRTR), Issue 63, pp.22-25

* Kurosaki, F. (2017) A Comparative Study of Passenger Through Train Operation between Japan and Europe

* The paper will be available after the 12th EASTS (Eastern Asia Society for Transportation Studies) in Ho Chi Minh City (HCMC), Vietnam, September 2017

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