



UIC Asset Management Global Conference 2015

Improving Performance through Lasting Infrastructure Cost Benchmarking (LICB)

Frank Zschoche – Partner –
civity Management Consultants

Session Data, tools and models – 13 October 2015

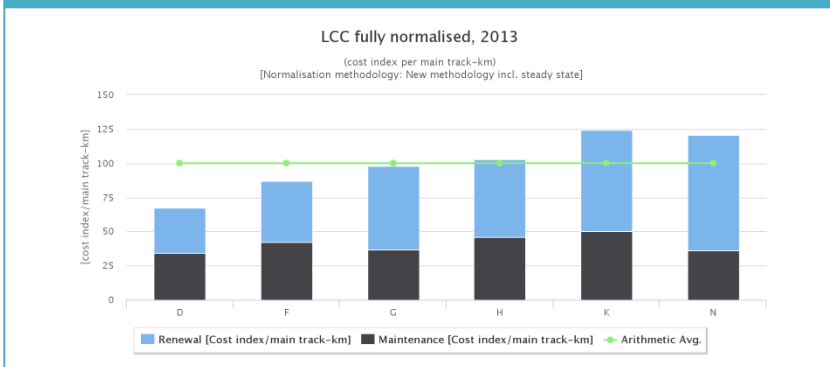
*Putting your assets
on the right track*

Agenda

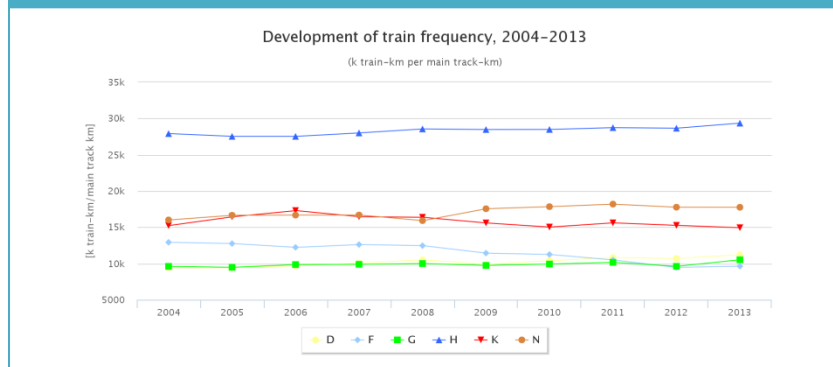
- LICB at a glance
- Expenditures considering steady state
- Benefits of LICB today
- Peer group and development
- Future study areas and goals

LICB at a glance

Maintenance & renewal expenditures



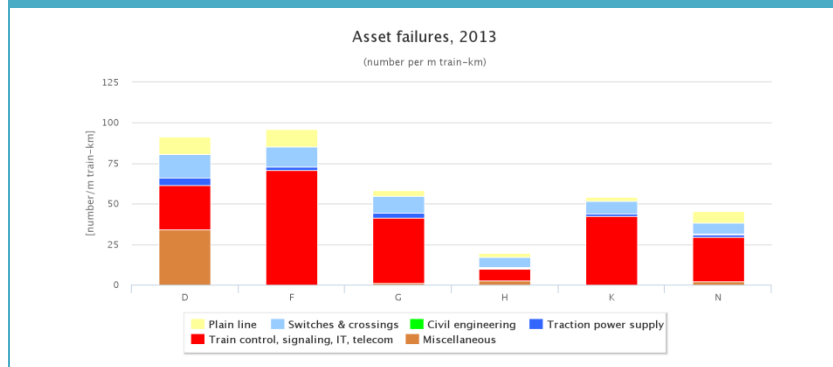
Network utilisation



Key work activities



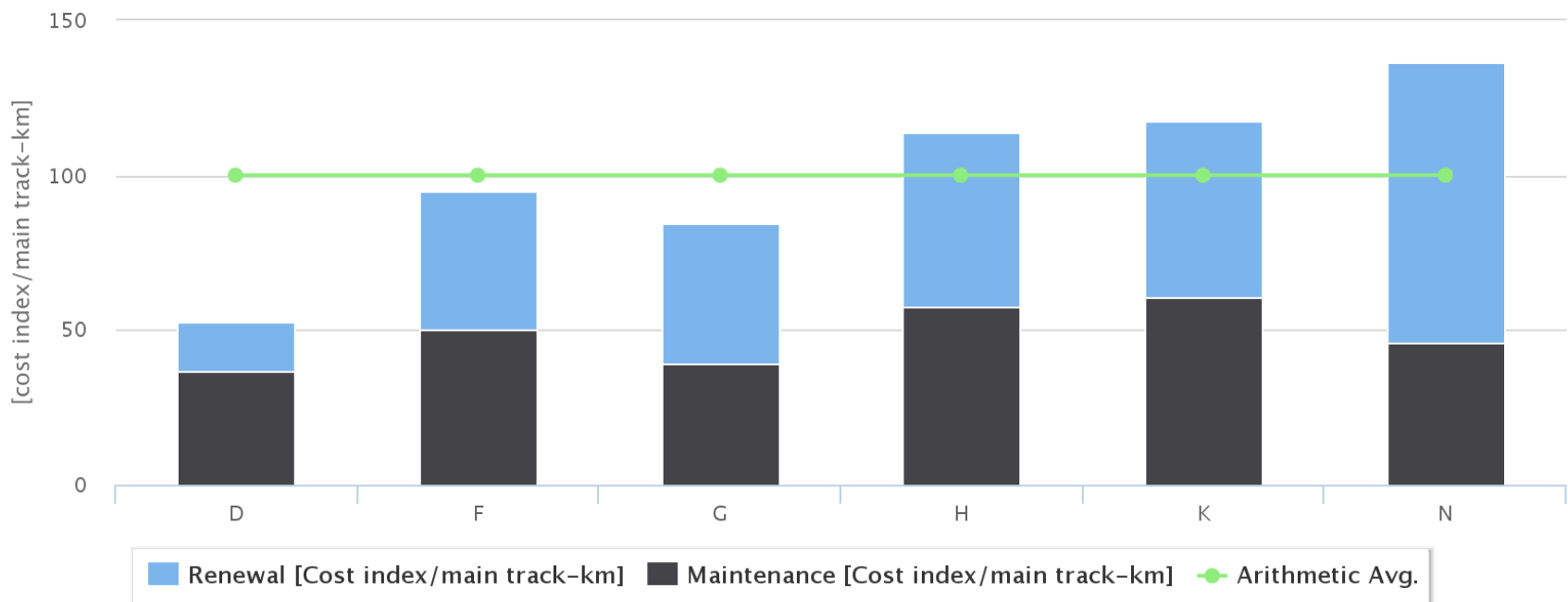
Asset performance



Comparison of normalised maintenance and renewal expenditures

LCC fully normalised, 2013

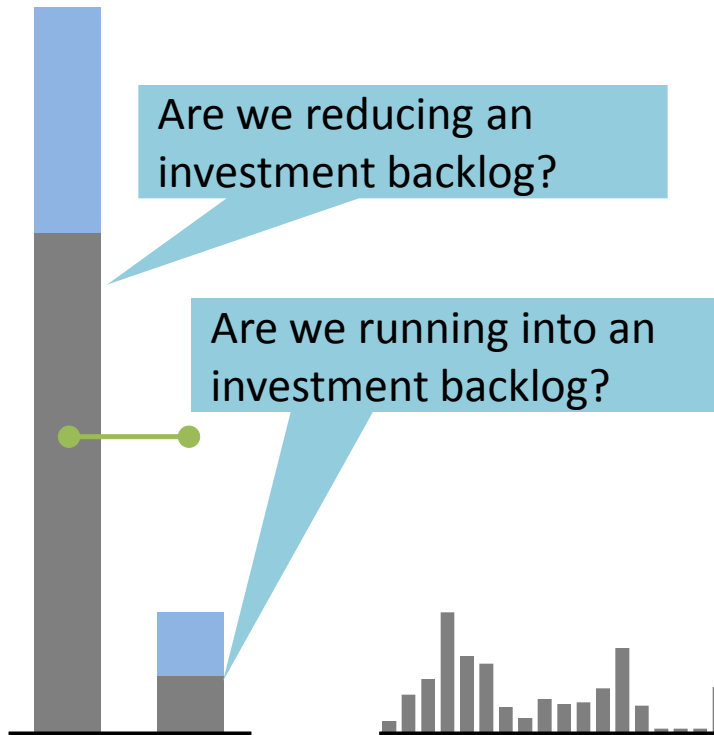
(cost index per main track-km)
[Normalisation methodology: Standard methodology]



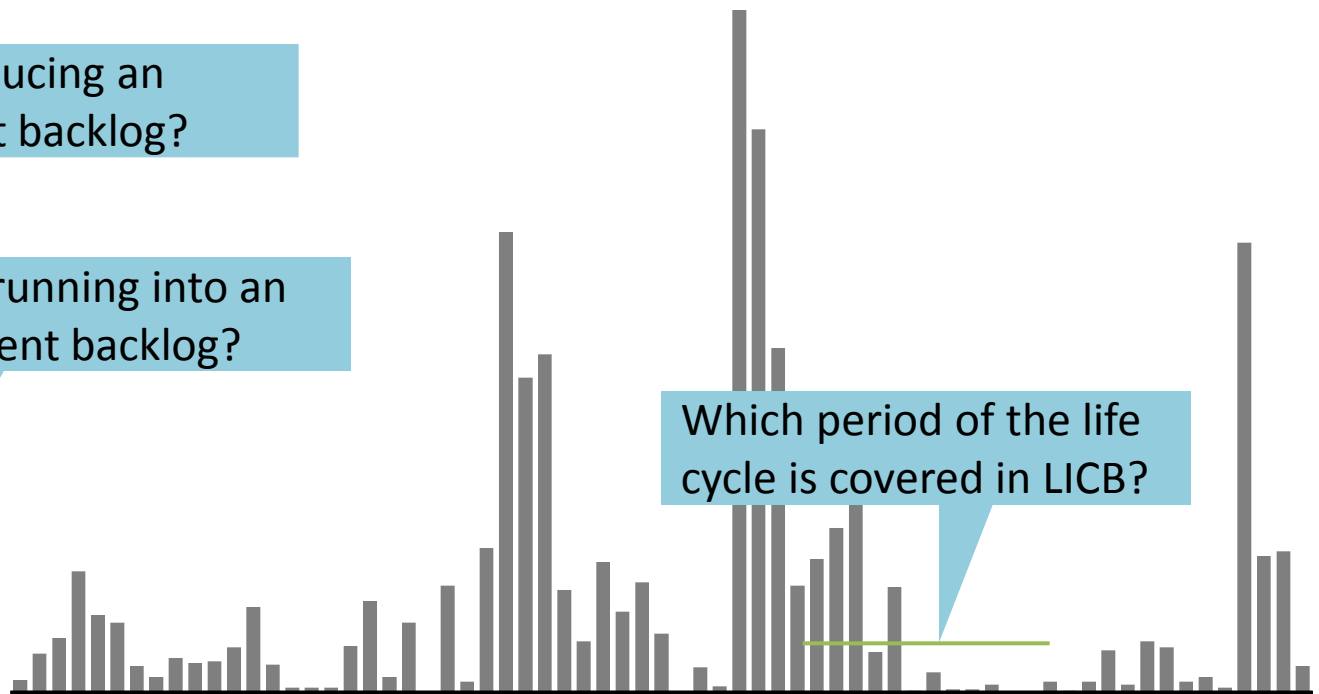
Consideration of steady state

EXAMPLE

Annual M&R



Annual asset renewal volumes



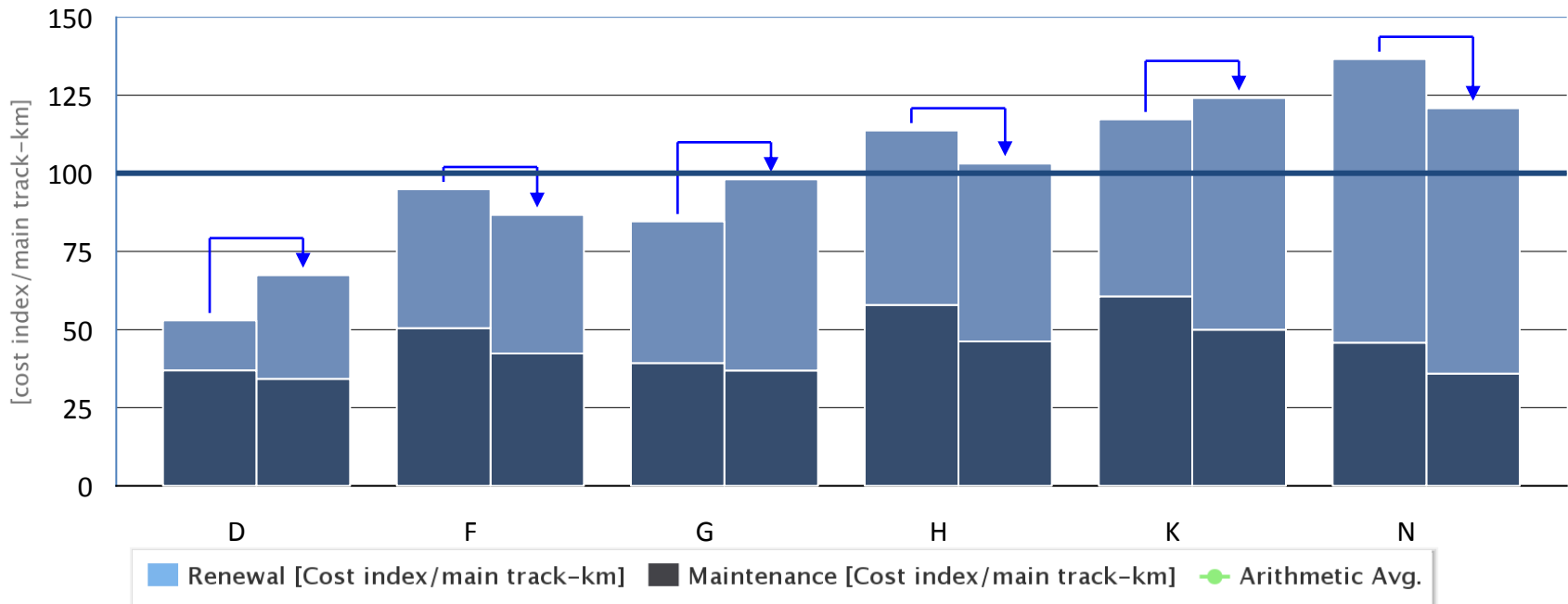
Asset installation year

Comparison of expenditures considering steady state

LCC fully normalised, 2013

(cost index per main track-km)

[Normalisation methodology: New methodology incl. steady state]



Benefits of LICB today

1

Long-term monitoring of annual expenditures for maintenance and renewals



2

Input for discussion about the "right" balance between maintenance and renewals



3

Fair comparison with other infrastructure managers considering different structural and operational conditions



4

Identification of gaps, serving as a starting point for target setting of cost improvements



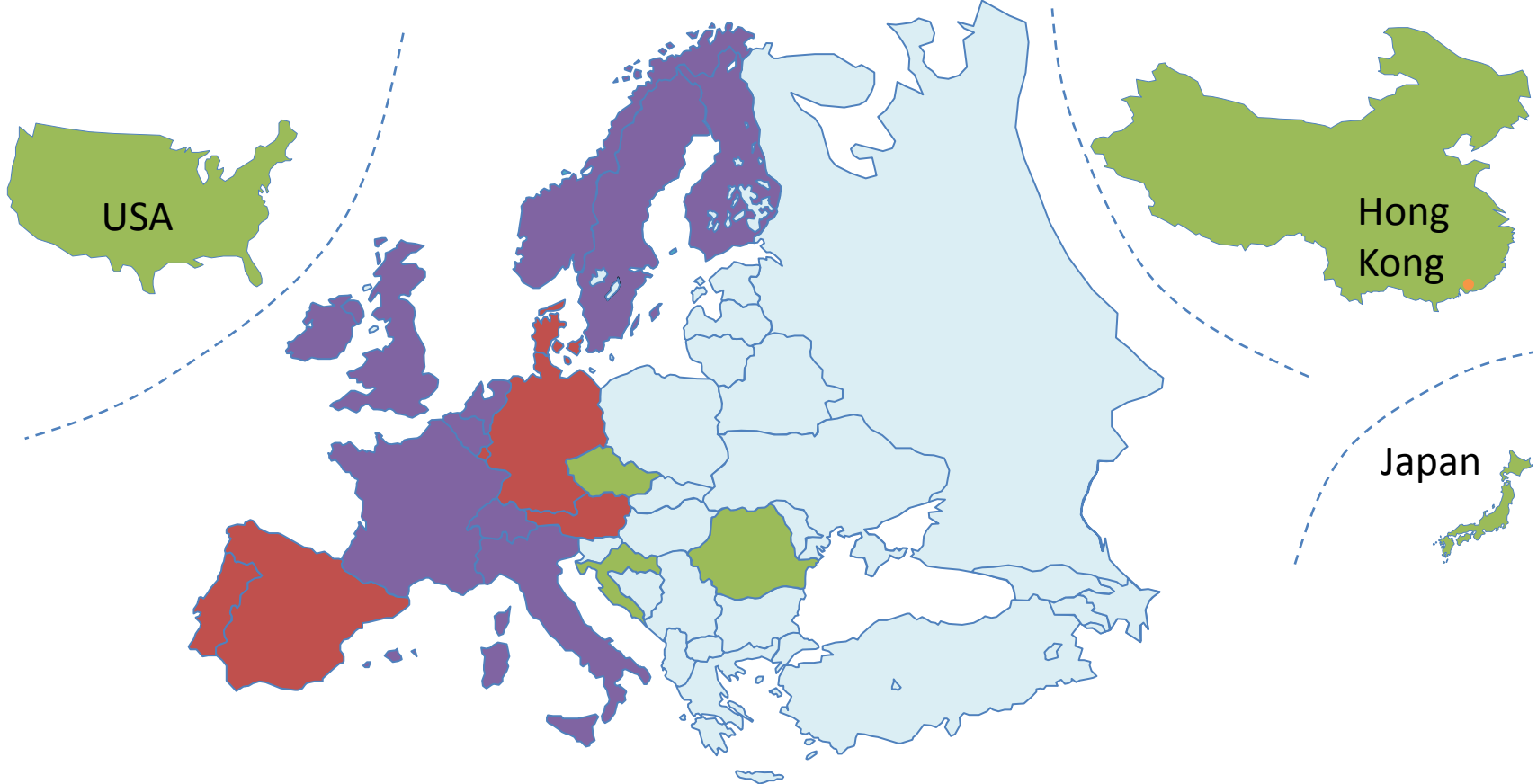
5

Negotiation of funding levels with the ministry



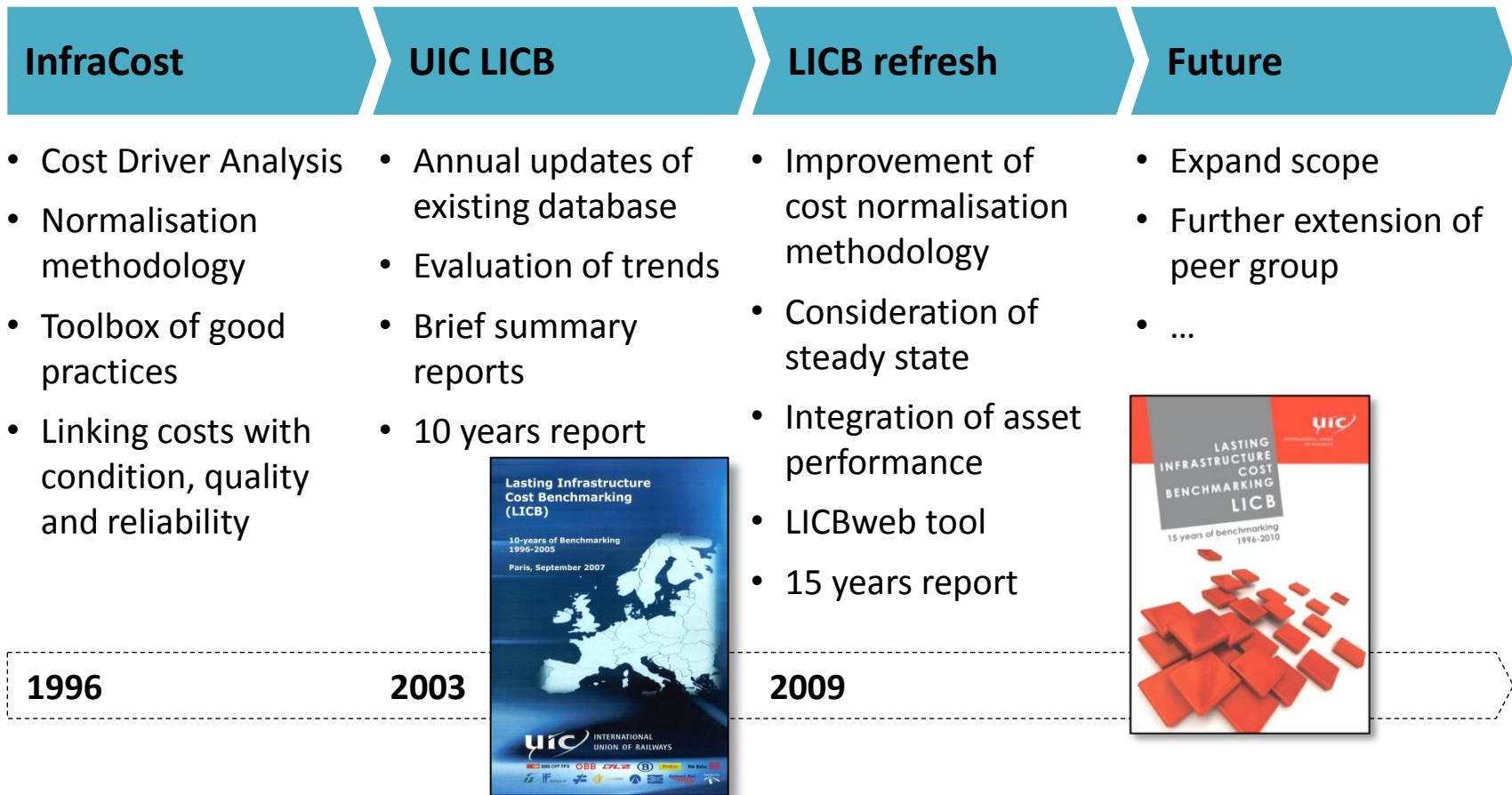


Peer group

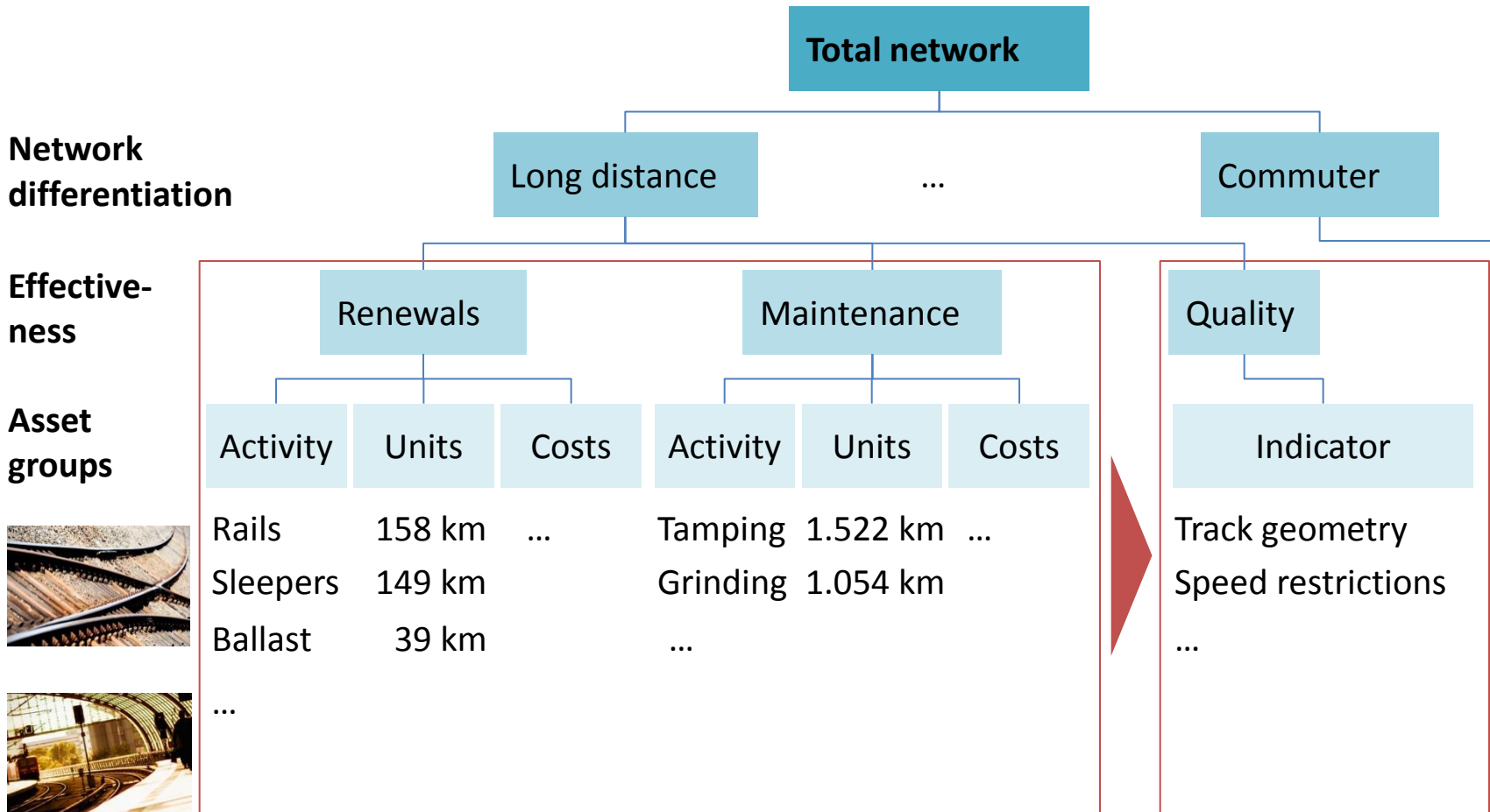


■ Current peer group ■ Former members ■ One-time participants

Development



Future study areas



Future goals

- More root cause analyses to explain different maintenance and renewal expenditure levels
- Integration of more performance and output oriented indicators
- Link with ongoing activities of the Asset Management Working Group's cost driver analysis
- Large peer group of active participants

Thanks for your attention!

Frank Zschoche



Tesdorpfstr. 11
20148 Hamburg
phone: +49.40.181 22 36-66
mobile: +49.171.771 17 90
email: frank.zschoche@civity.de
www.civity.de

Klaus Wittmeier



Tesdorpfstr. 11
20148 Hamburg
phone: +49.40.181 22 36-67
mobile: +49.160.706 32 25
email: klaus.wittmeier@civity.de
www.civity.de

