



UIC Asset Management Global Conference 2015

Improving Performance through Lasting Infrastructure Cost Benchmarking (LICB)

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civity Management Consultants

Session Data, tools and models – 13 October 2015

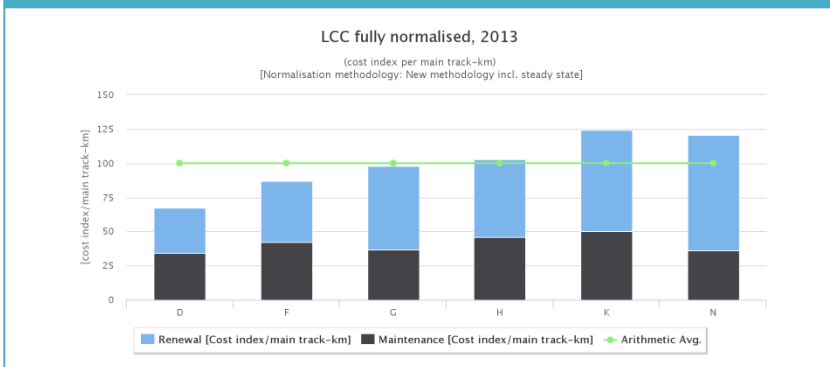
*Putting your assets
on the right track*

Agenda

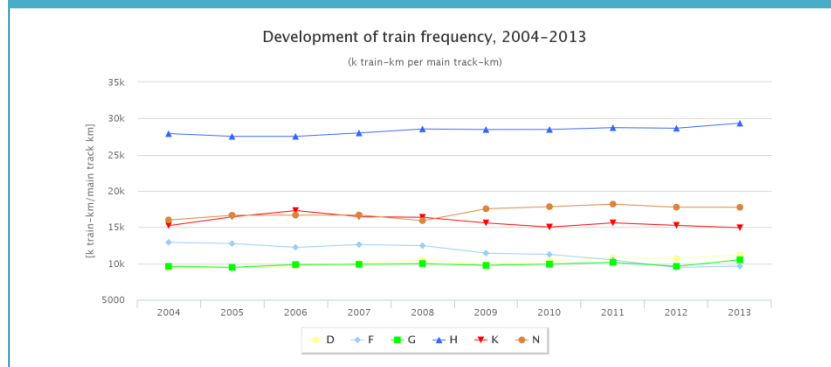
- LICB at a glance
- Expenditures considering steady state
- Benefits of LICB today
- Peer group and development
- Future study areas and goals

LICB at a glance

Maintenance & renewal expenditures



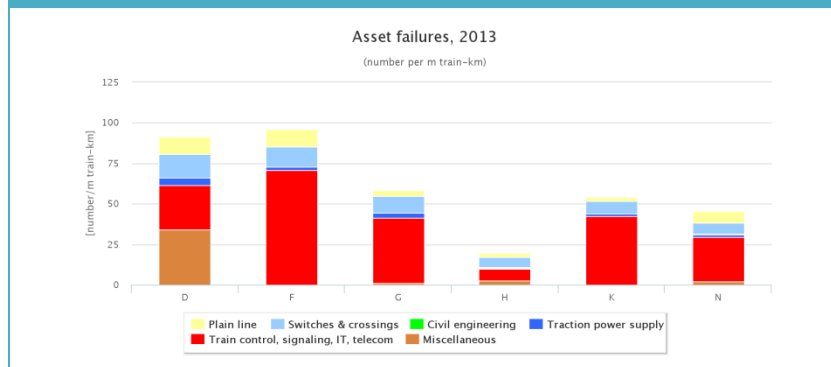
Network utilisation



Key work activities



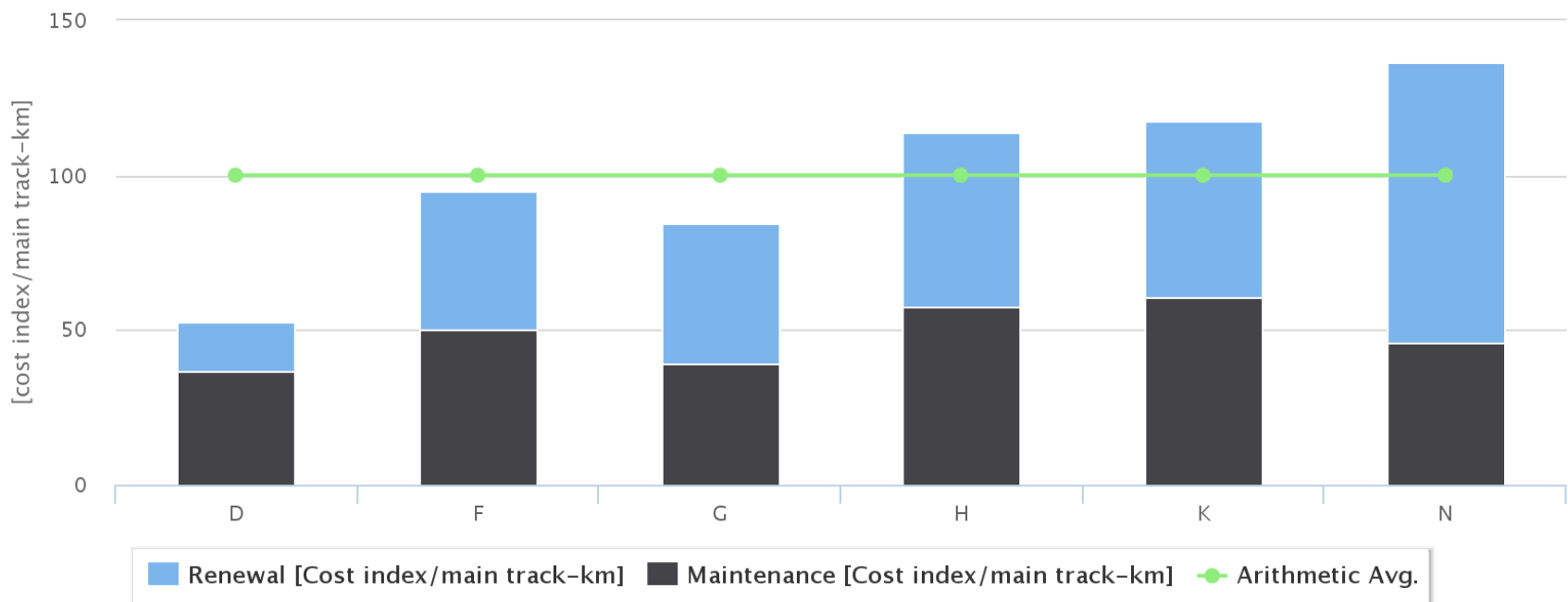
Asset performance



Comparison of normalised maintenance and renewal expenditures

LCC fully normalised, 2013

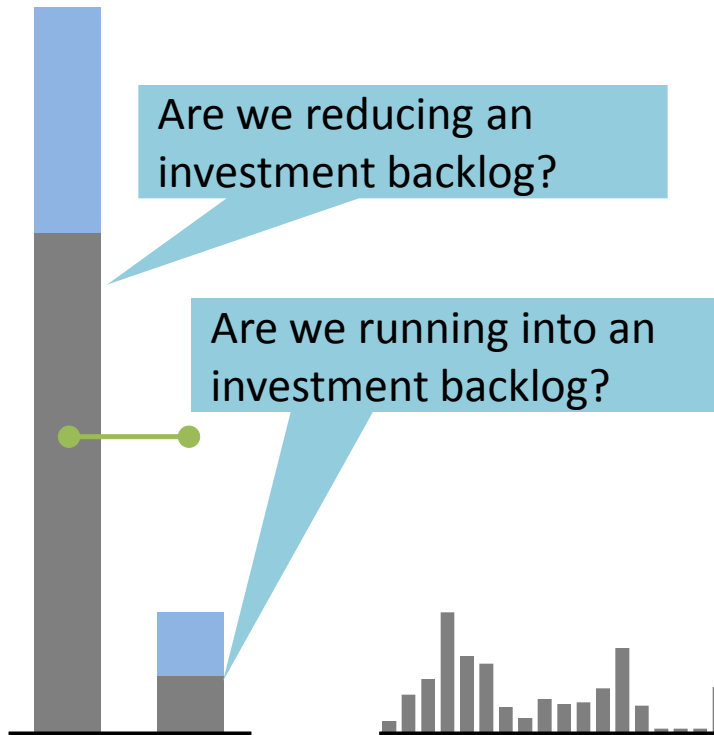
(cost index per main track-km)
[Normalisation methodology: Standard methodology]



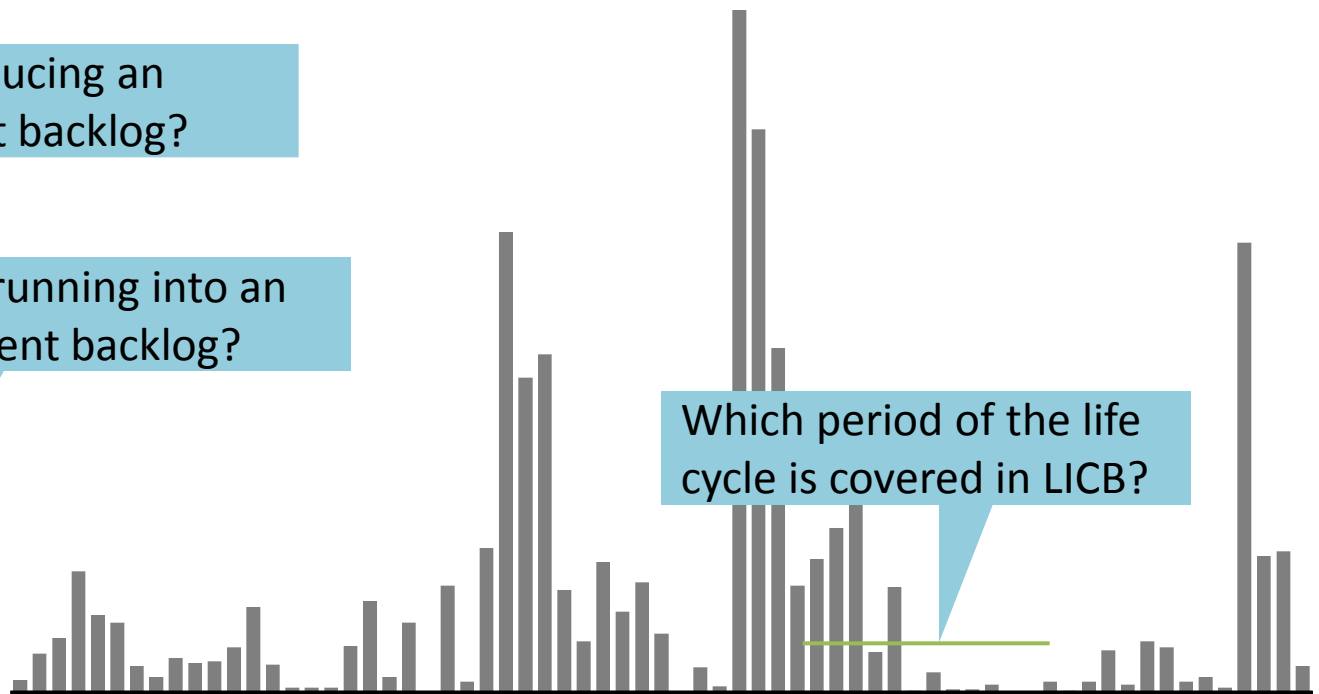
Consideration of steady state

EXAMPLE

Annual M&R



Annual asset renewal volumes



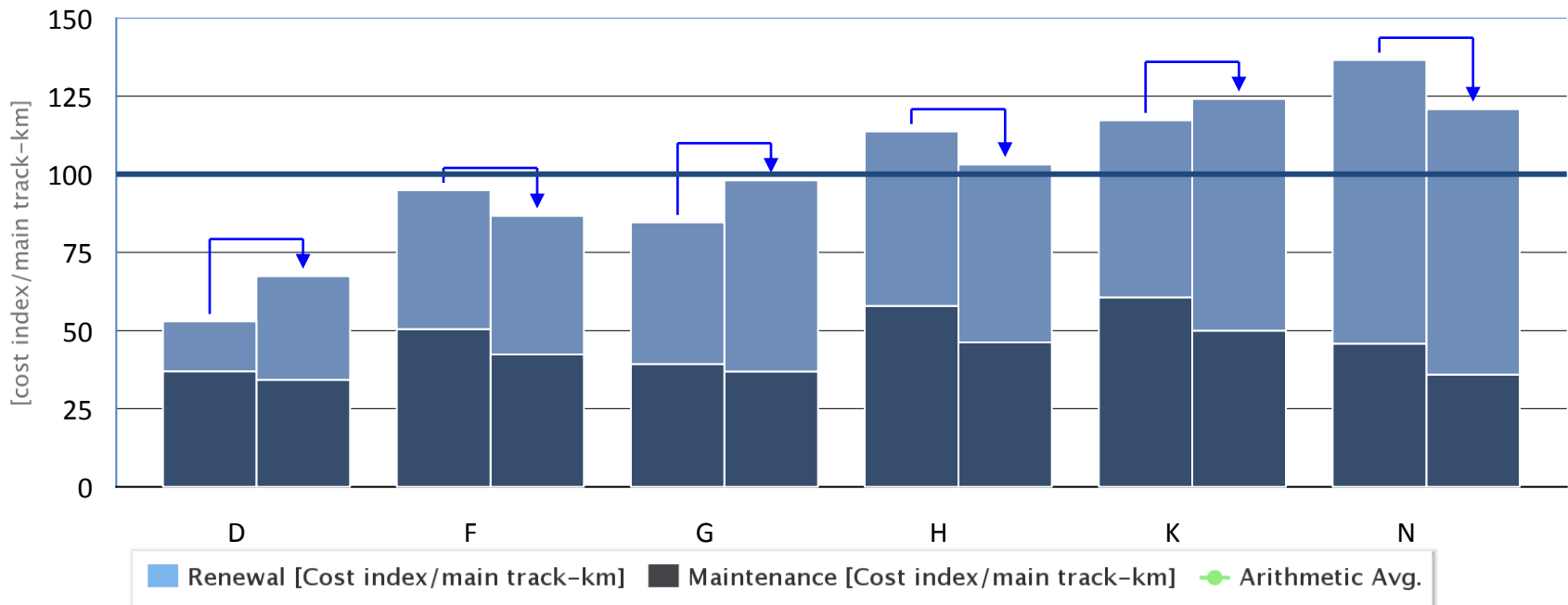
Asset installation year

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

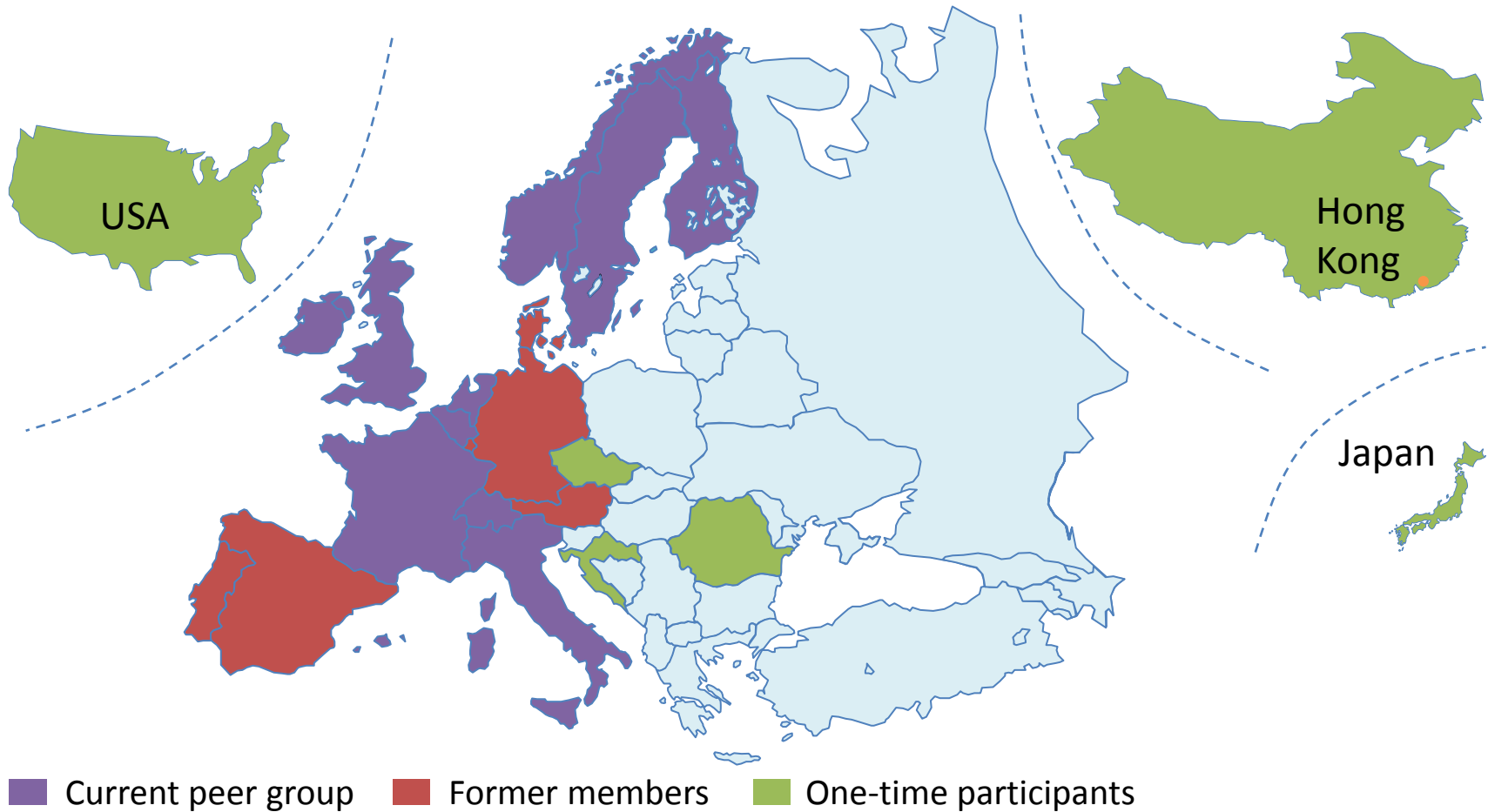


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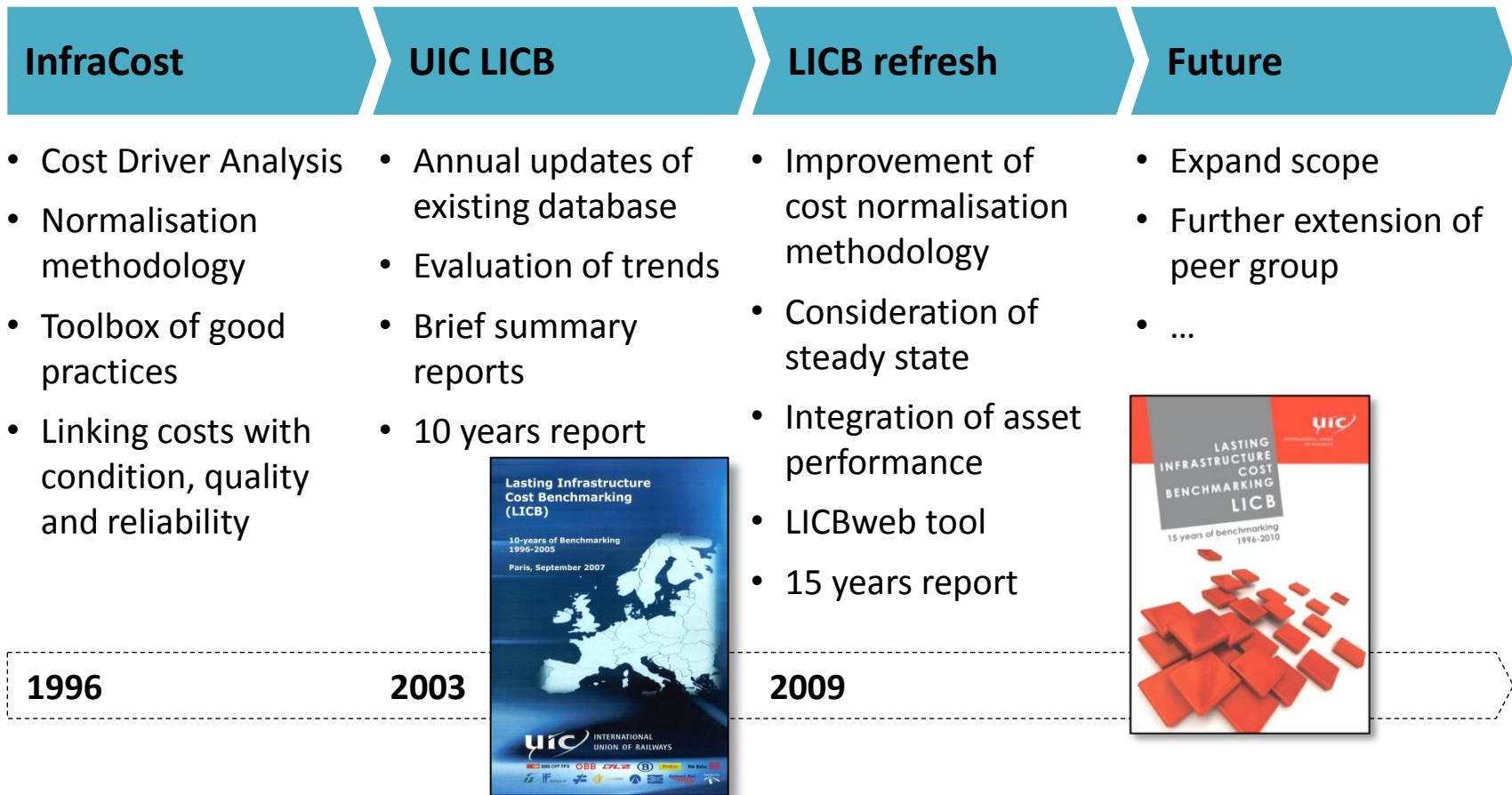
Negotiation of funding levels with the ministry



Peer group



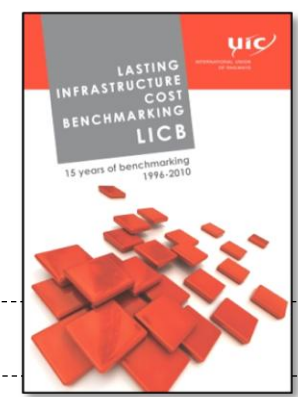
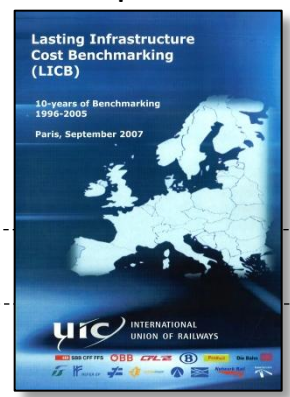
Development



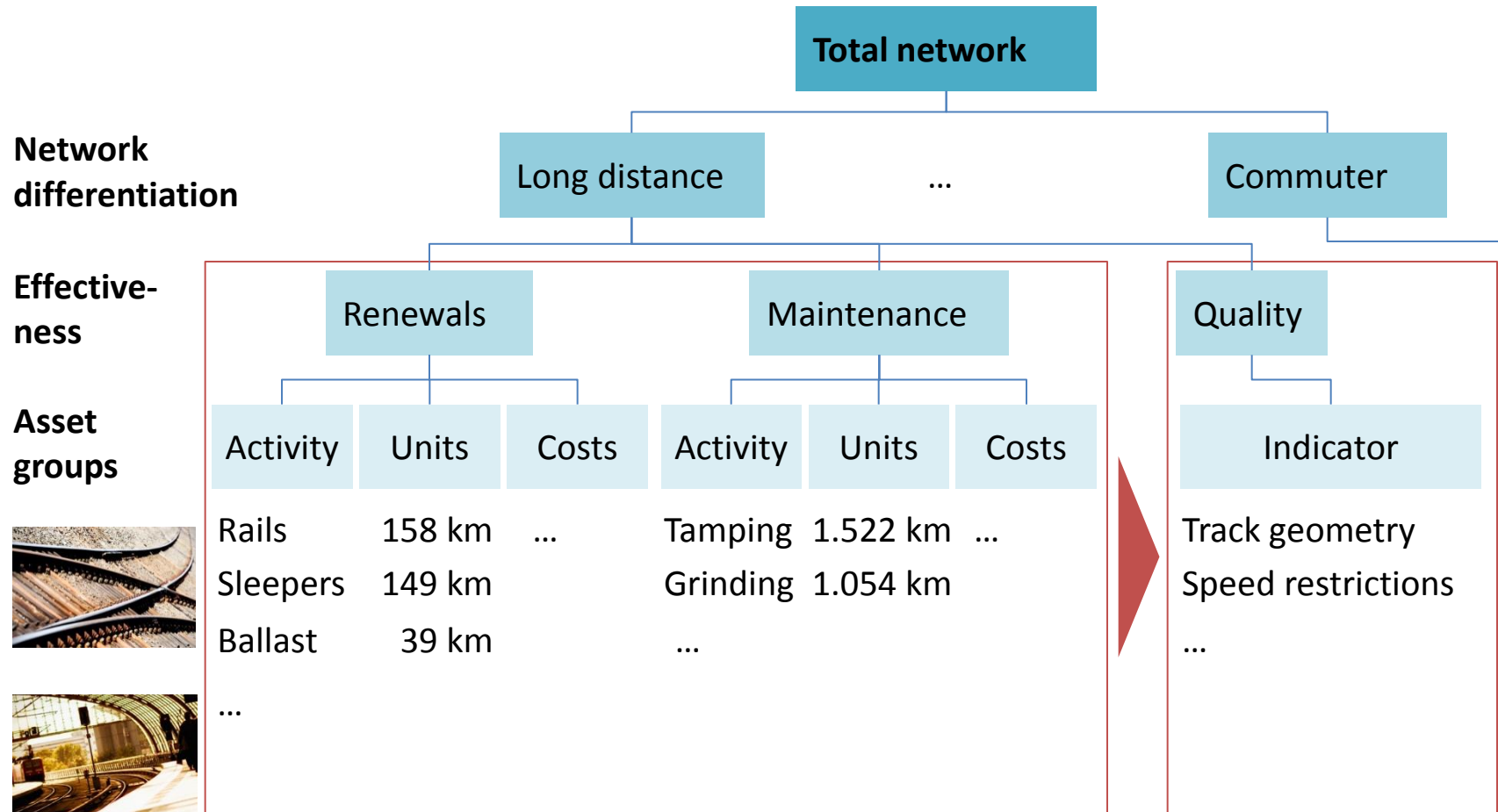
1996

2003

2009



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!

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