initCOSEERail

What future for passenger transport in the SEERAIL

Ljubljana, 04. – 05.12.2018
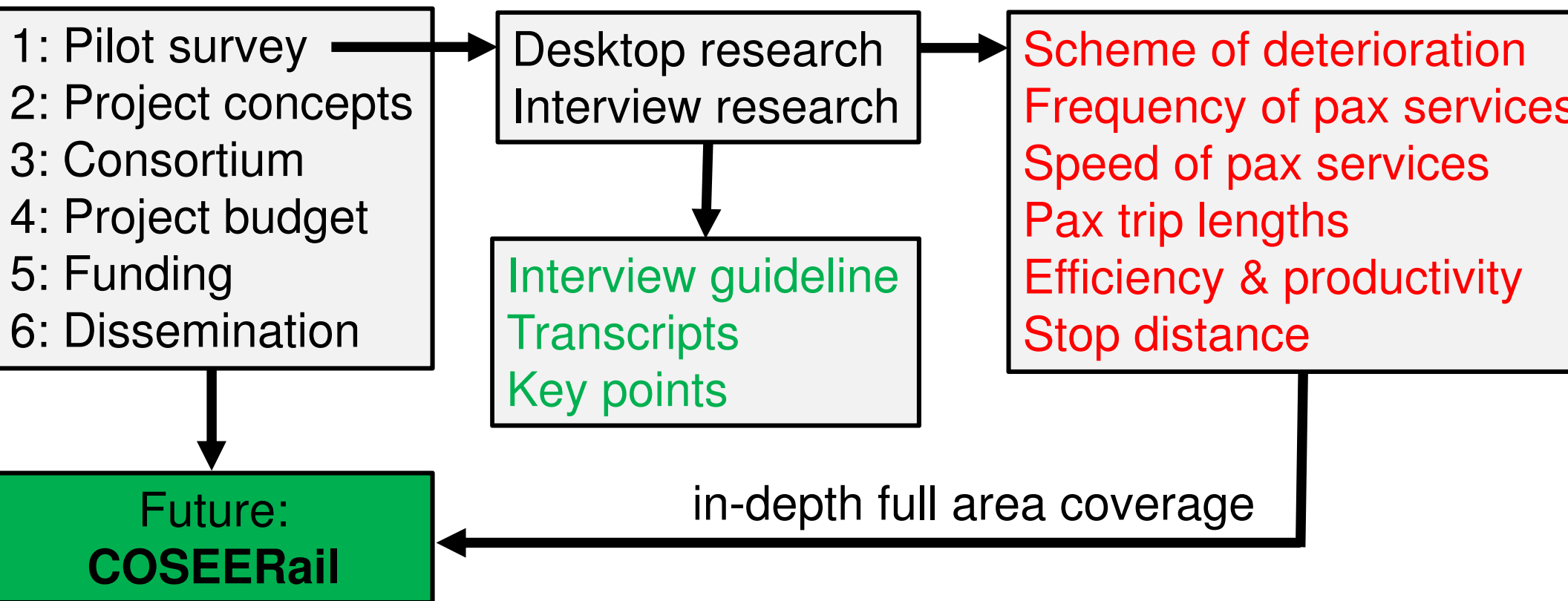
Content of research

Interview Research

- ❑ *Interview guideline*
- ❑ *Transcripts*
- ❑ *Key points*

Desktop Research

- ❑ *Statistics/KPI*
- ❑ *Timetable Research*
- ❑ *Ongoing projects*

Content: setting the surroundings

__initCOSEERail__ … __Initial Research and Design for COSEERail[1)]__

1: Pilot survey 2: Project concepts 3: Consortium 4: Project budget 5: Funding 6: Dissemination	Desktop research Interview research	Scheme of deterioration Frequency of pax services Speed of pax services Pax trip lengths Efficiency & productivity Stop distance

Interview guideline
Transcripts
Key points

Future:
COSEERail

in-depth full area coverage

1) COSEERail: Challenges in improved Organization in South-Eastern European RAILways

Interview results
Potentials for improvement

RGO TRANSPORT R MASS GOODS	REGULATIONS FOR COMPETITION	INTEGRATED TRANSPORT	INFRASTRUCTURE DEVELOPMENT	HUMAN RESOU MANAGEMEN

"If you ask me, a strong railway in the political sense would mean strong state. Currently, that's not easy to achieve, but we should strive towards achieving it." (Croatia, Infrastructure operator, HŽ Infrastructure LLC)

Desktop Research – Statistics / KPIs

1985 – 2015

ngth of the railway

ngth of the lines classified by max. speed

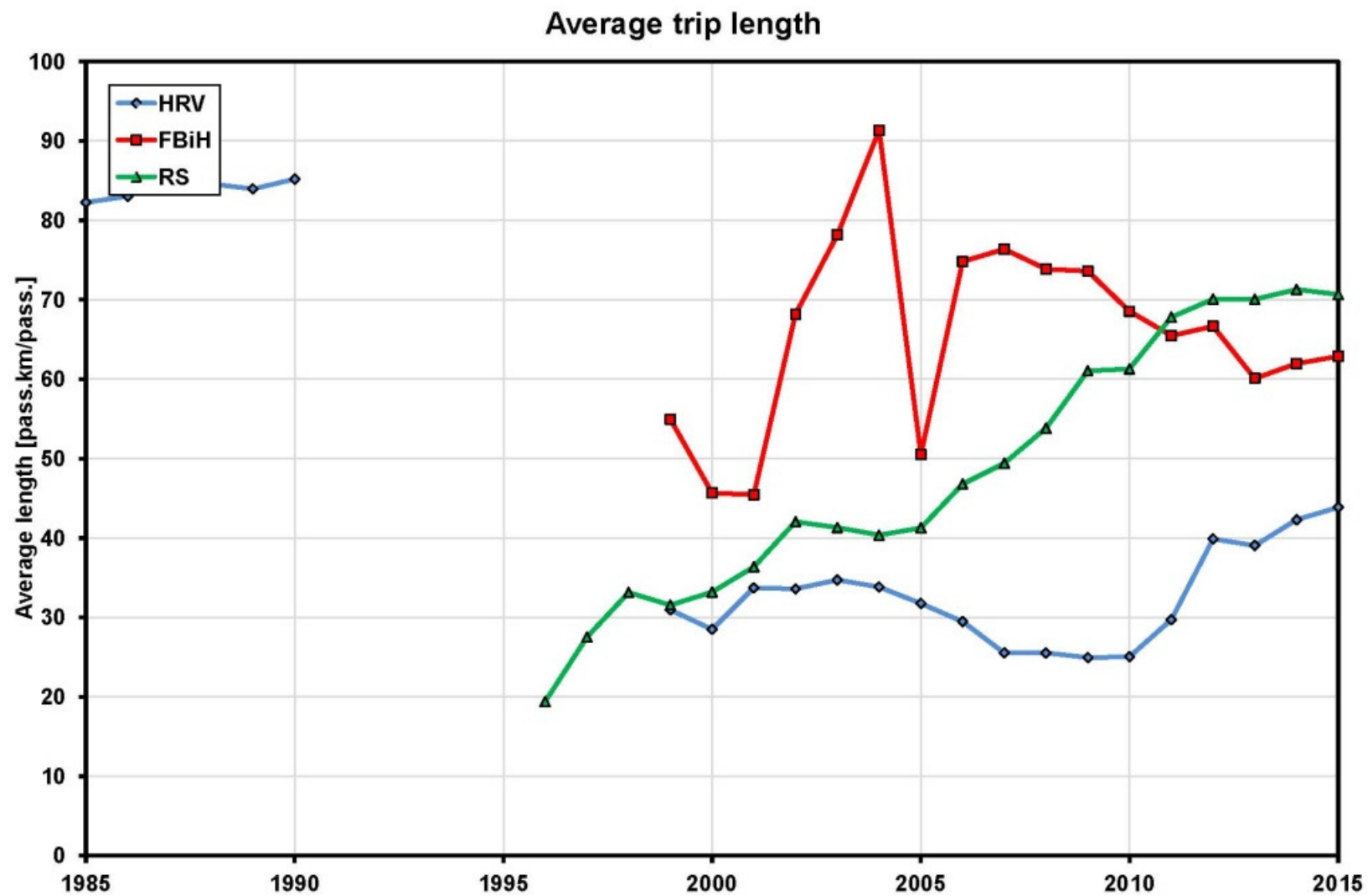ilway crossing

ations, signal points, etc

lling materials

mber of employees: using the same age cohorts as in the statistics

ssenger

eight
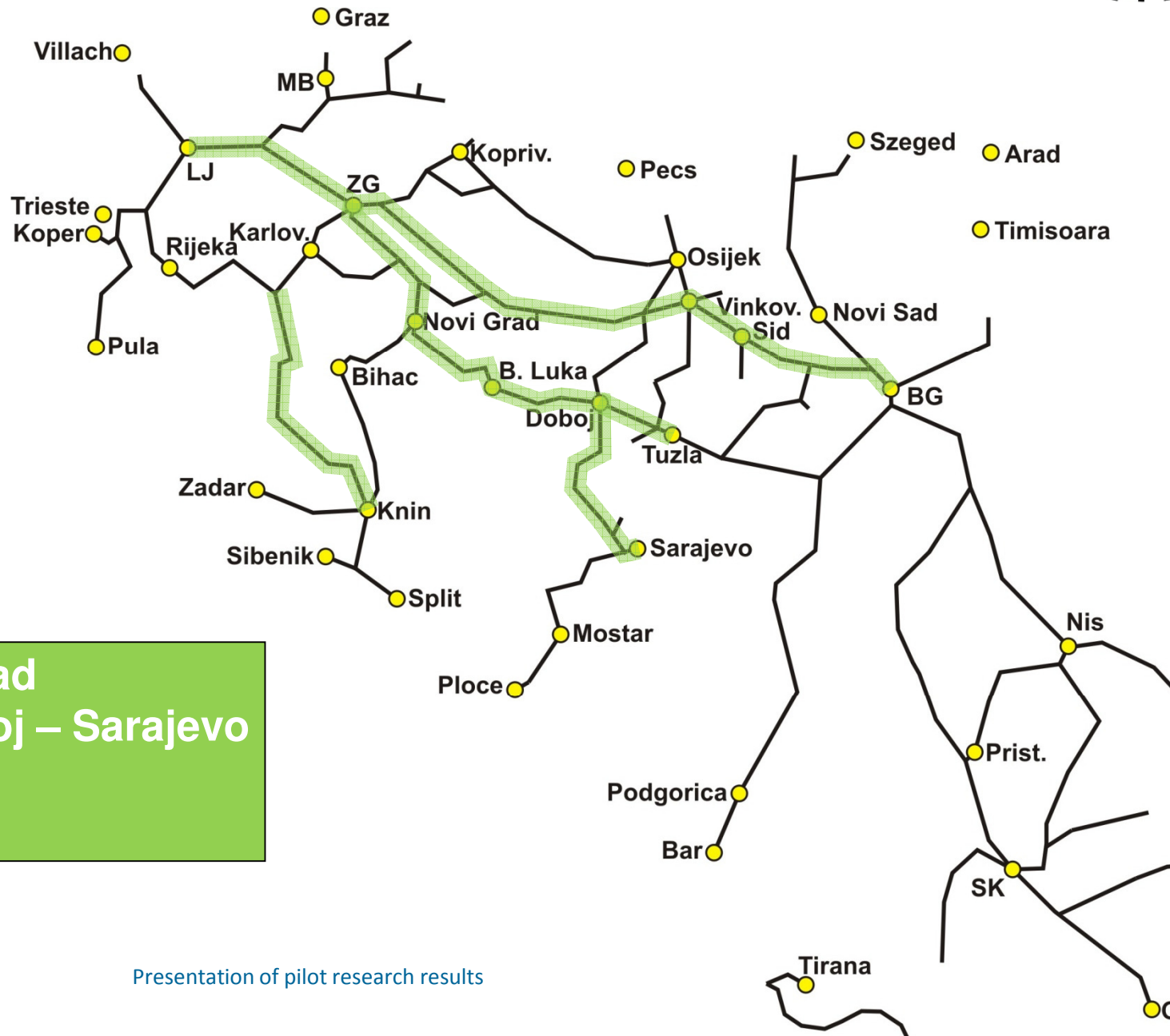
erage commercial speed

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KPIs calculated and compared

Average trip length

Schematic map: 4 lines under scrutiny

...ubljana – Zagreb – Beograd
...agreb – Banja Luka – Doboj – Sarajevo
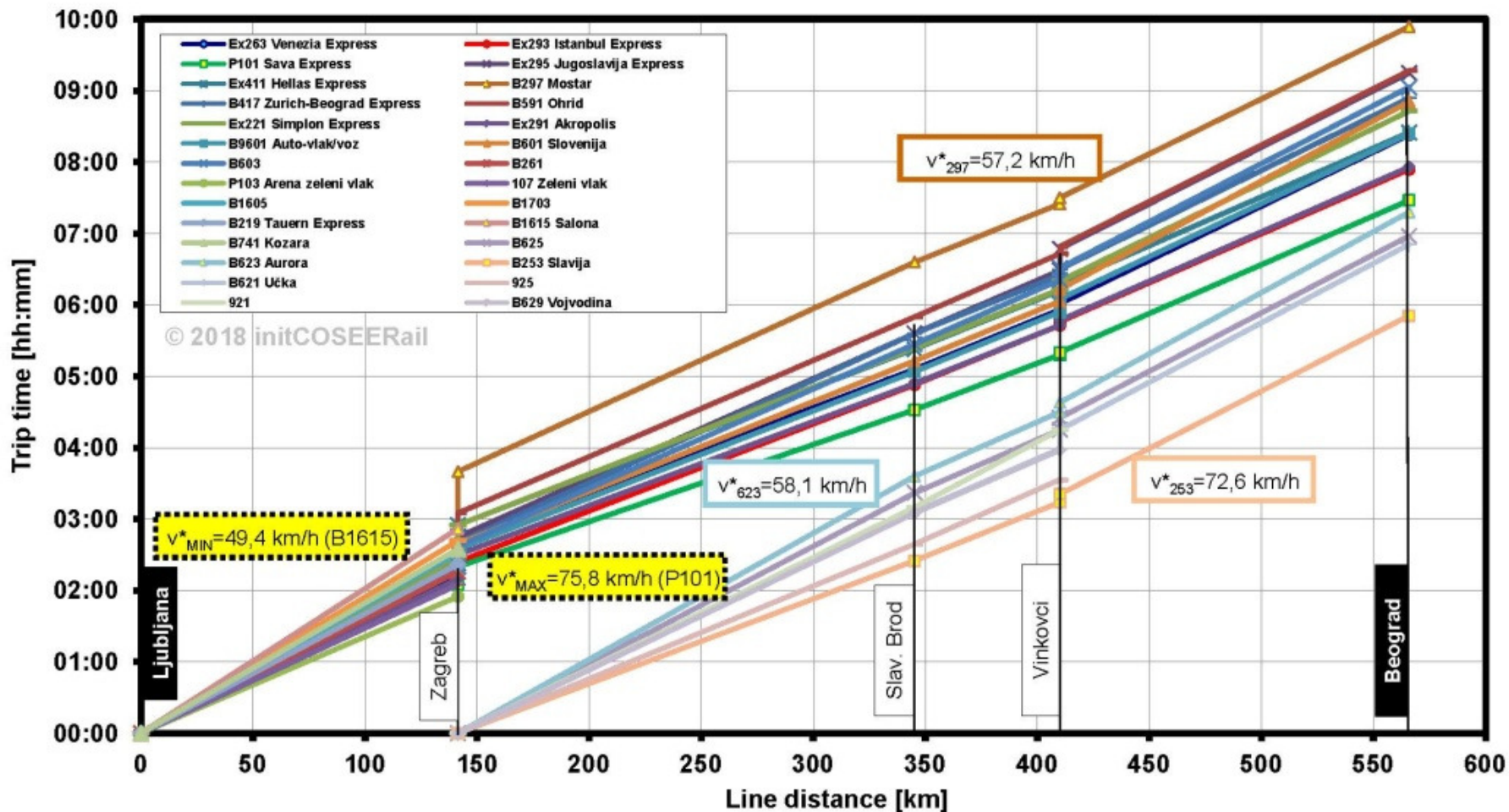...gulin – Knin
...oboj – Tuzla

Timetable Research

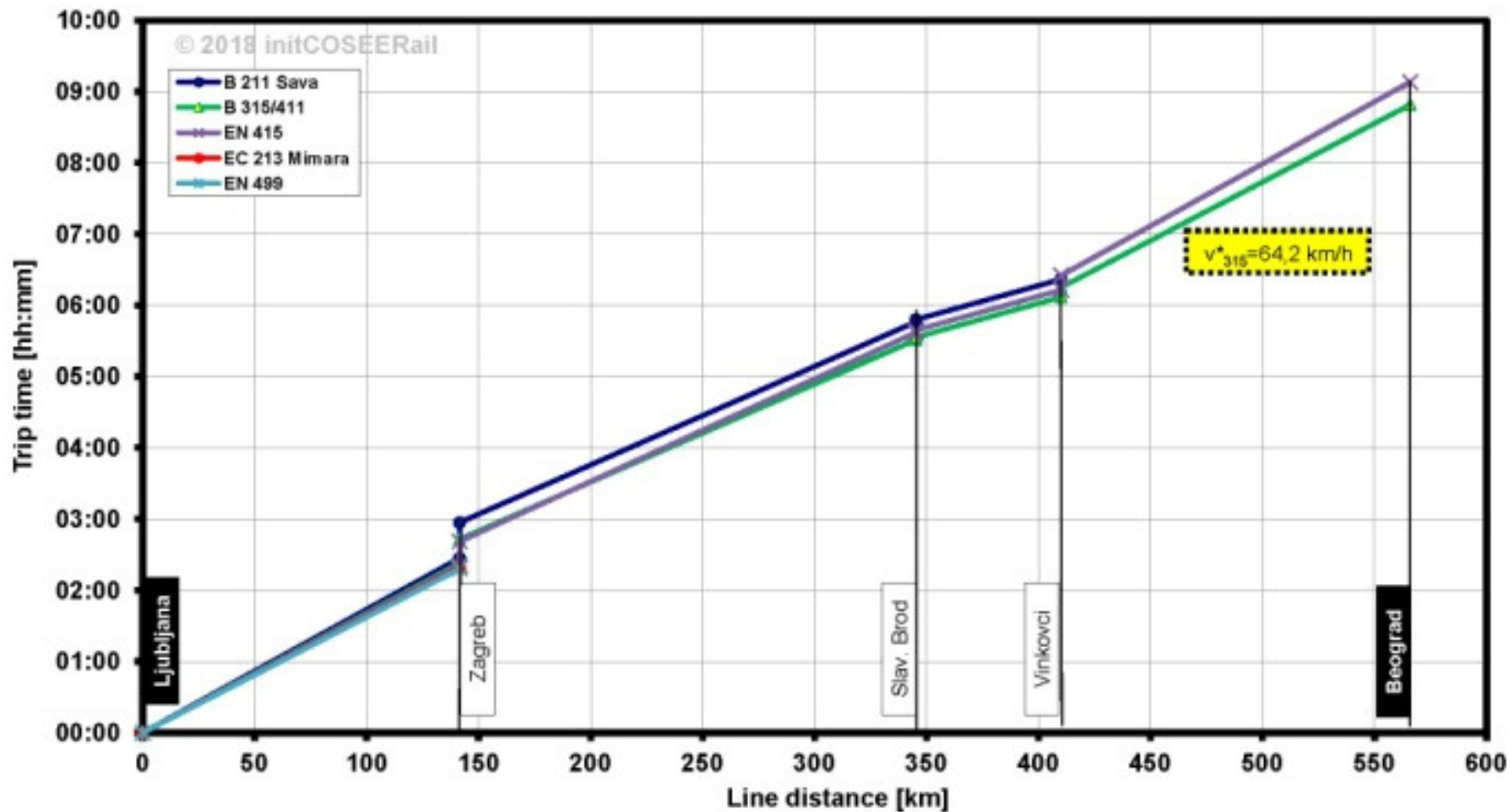## LJ - ZG - BG: Development of train numbers
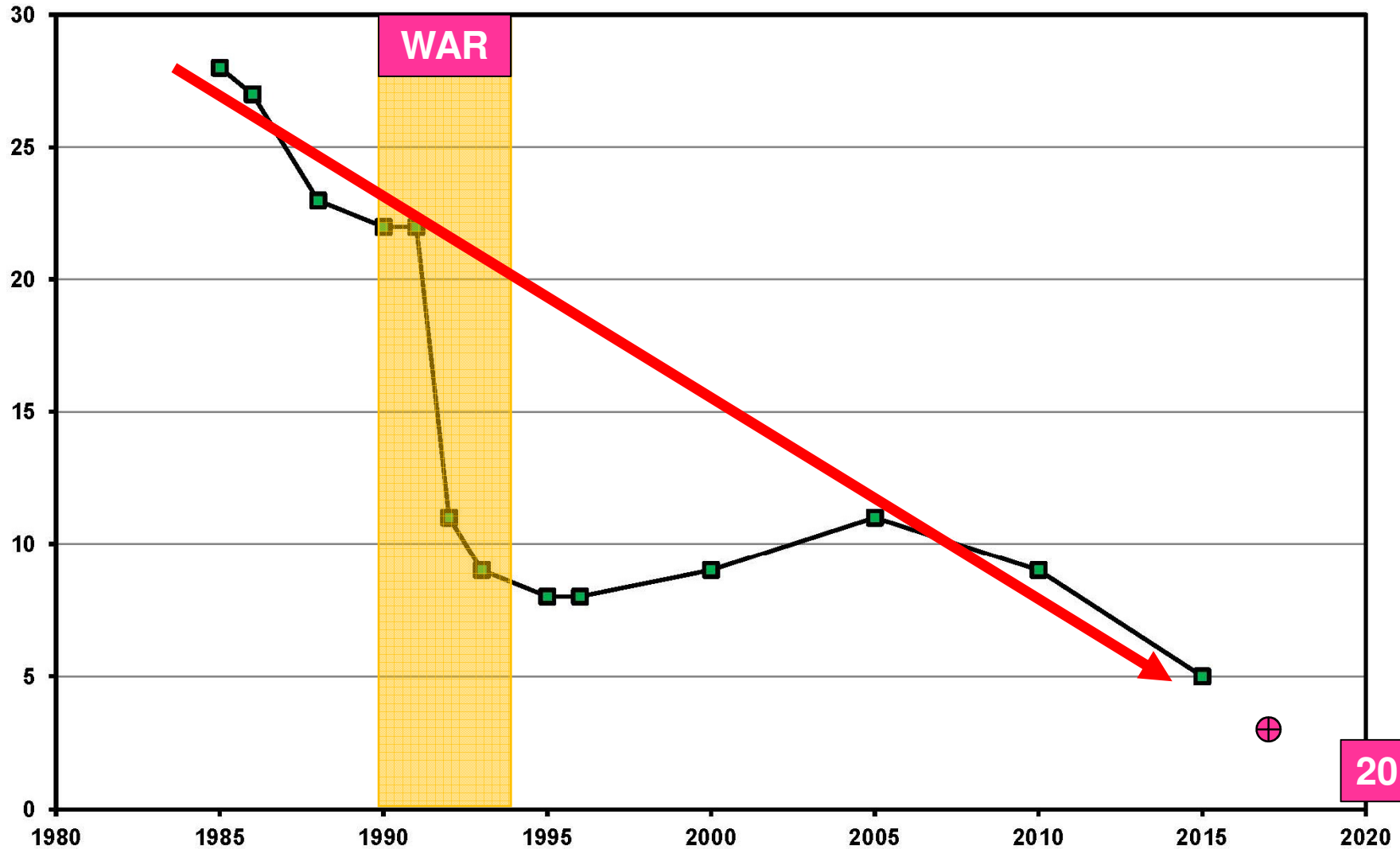
Timetable Research

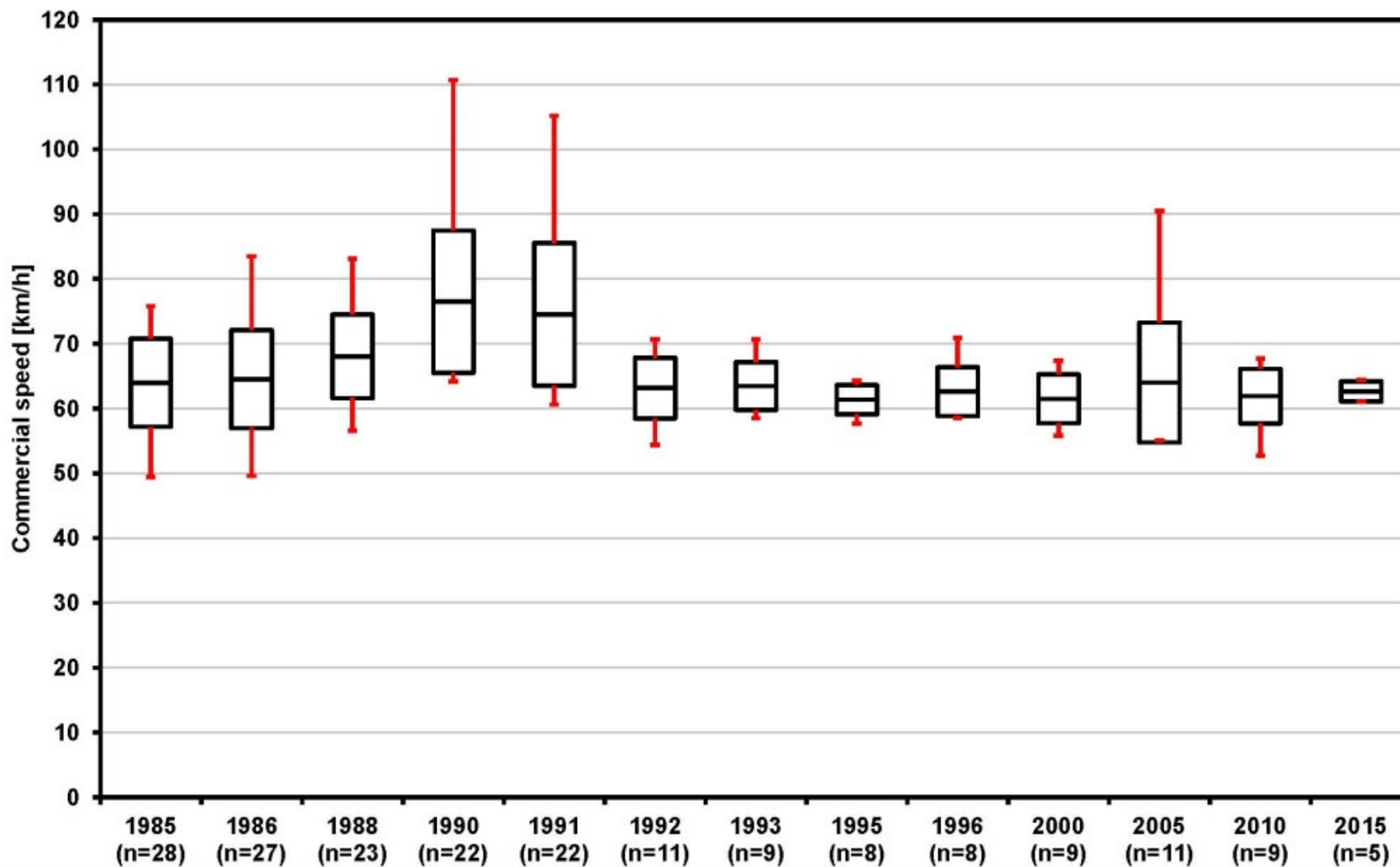Trajectory: Ljubljana - Zagreb - Beograd
(1985)

Timetable Research

Trajectory: Ljubljana - Zagreb - Beograd (2015)

Timetable Research

Commercial speed boxplot: Ljubljana - Zagreb - Beograd

Ongoing projects and plans

venia

patia

snia and Hercegovina

rbia

sovo

ntenegro

cedonia

bania

Presentation of results

Scientific paper in September 2018 - ICTTE conference in Belgrade

„Barriers to trans-national passenger rail services in the Western Balkans – The quantitative background"

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Thank you for your attention!