

More than 10 years of trials with
HCT vehicle combinations
Some experiences learned

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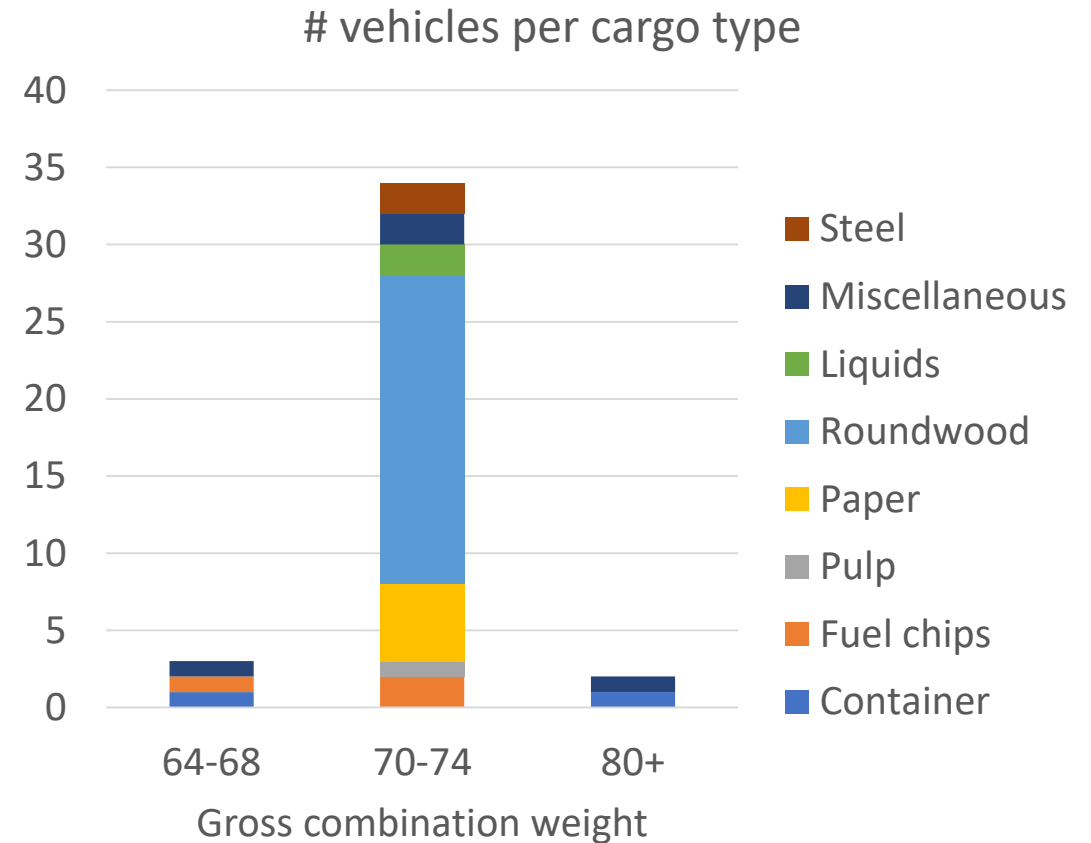
HCT-vehicles in Sweden today

58 HCT vehicles in operation

20 long vehicles (> 25,25 m)

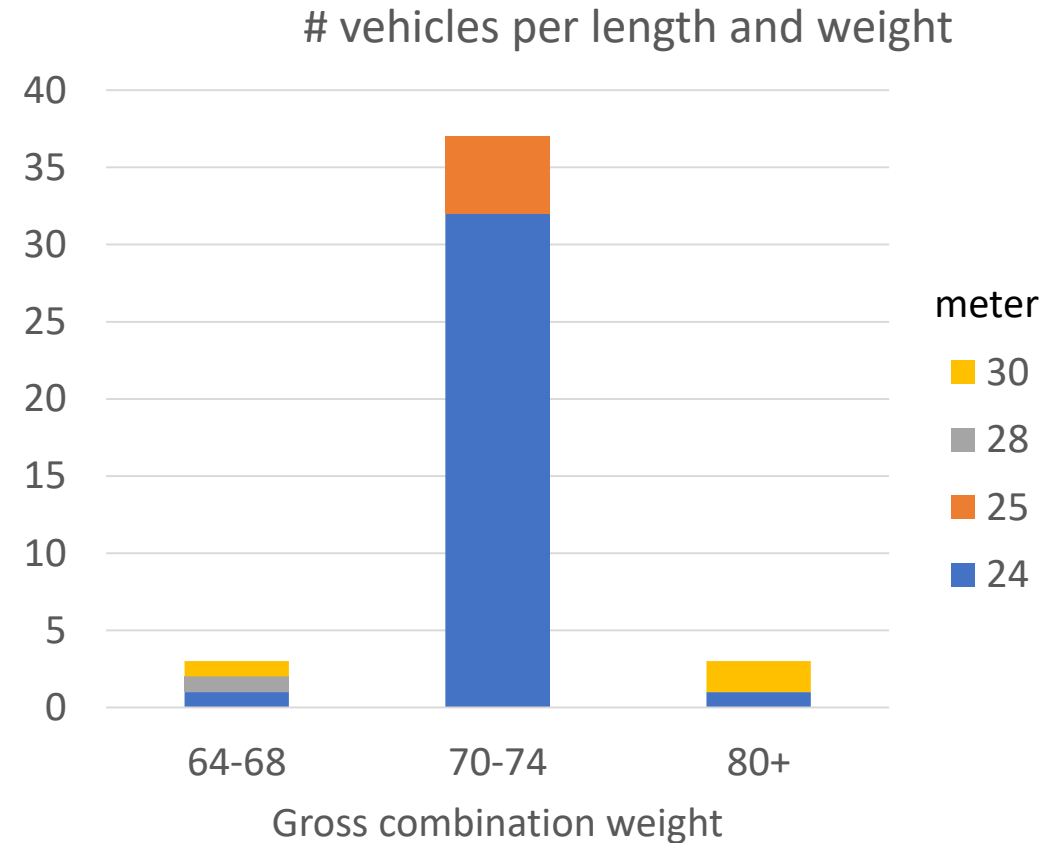
24 vehicles have retired

3 have been wrecked



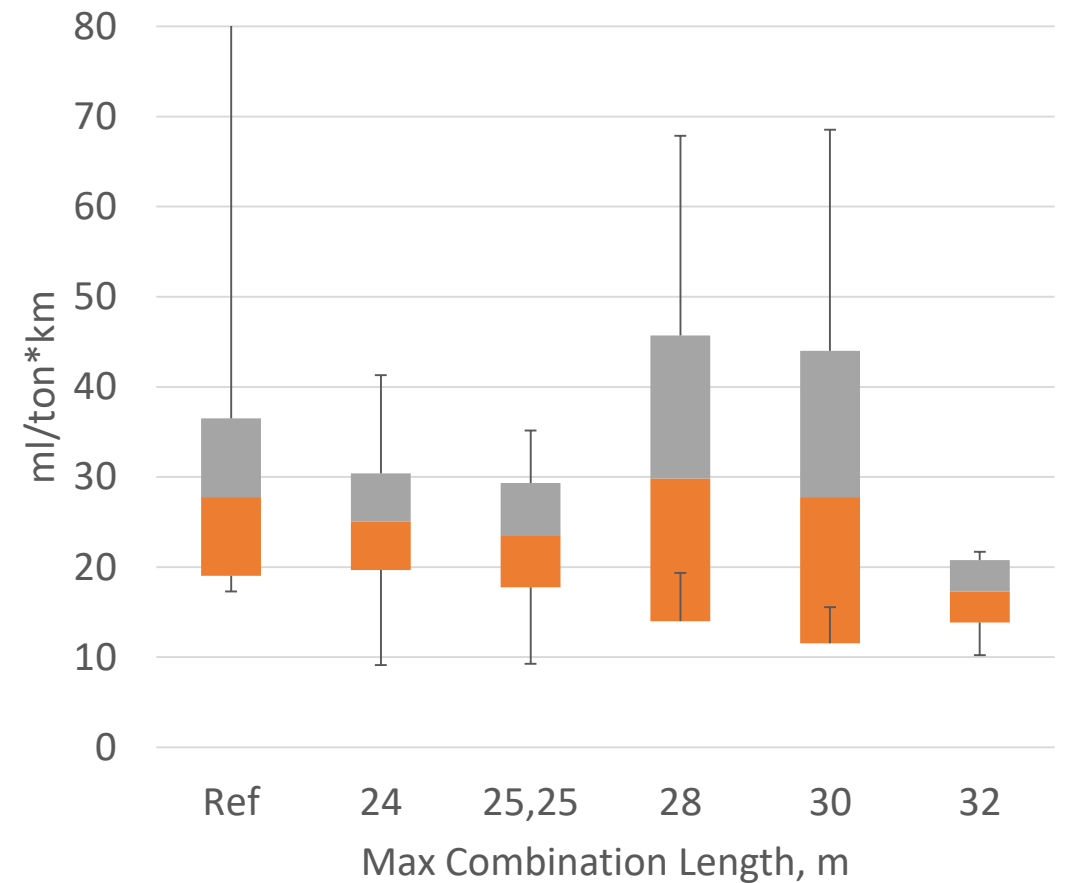
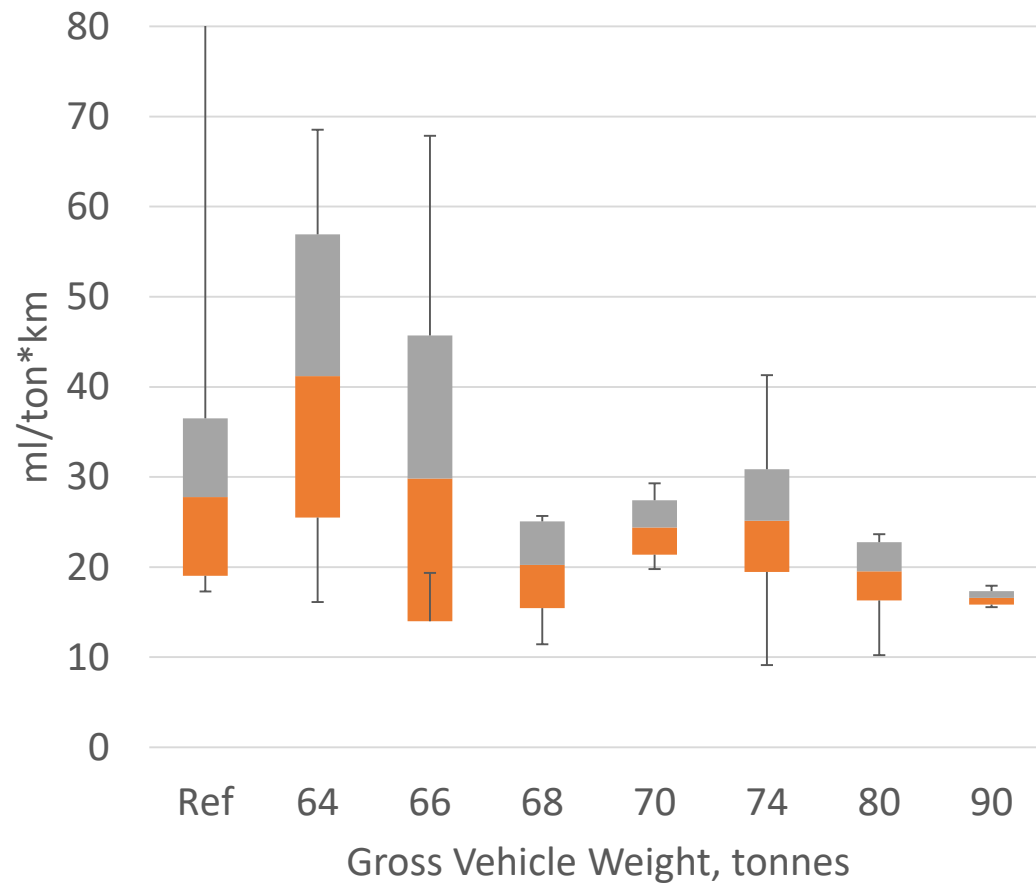
HCT-vehicles in Sweden today

- 23 110 580 km
- 577 laps around the earth
- 40,6 years of continuous driving
- Average 24,7 ml/tonkm
 - To be compared with 28 ml/ton- km for reference (64 ton)
- On average, almost 12 % fuel reduction but very large variation



Fuel consumption as ml/ton*km

– all kinds of goods



Fuel consumption as $\text{ml/m}^3 \cdot \text{km}$



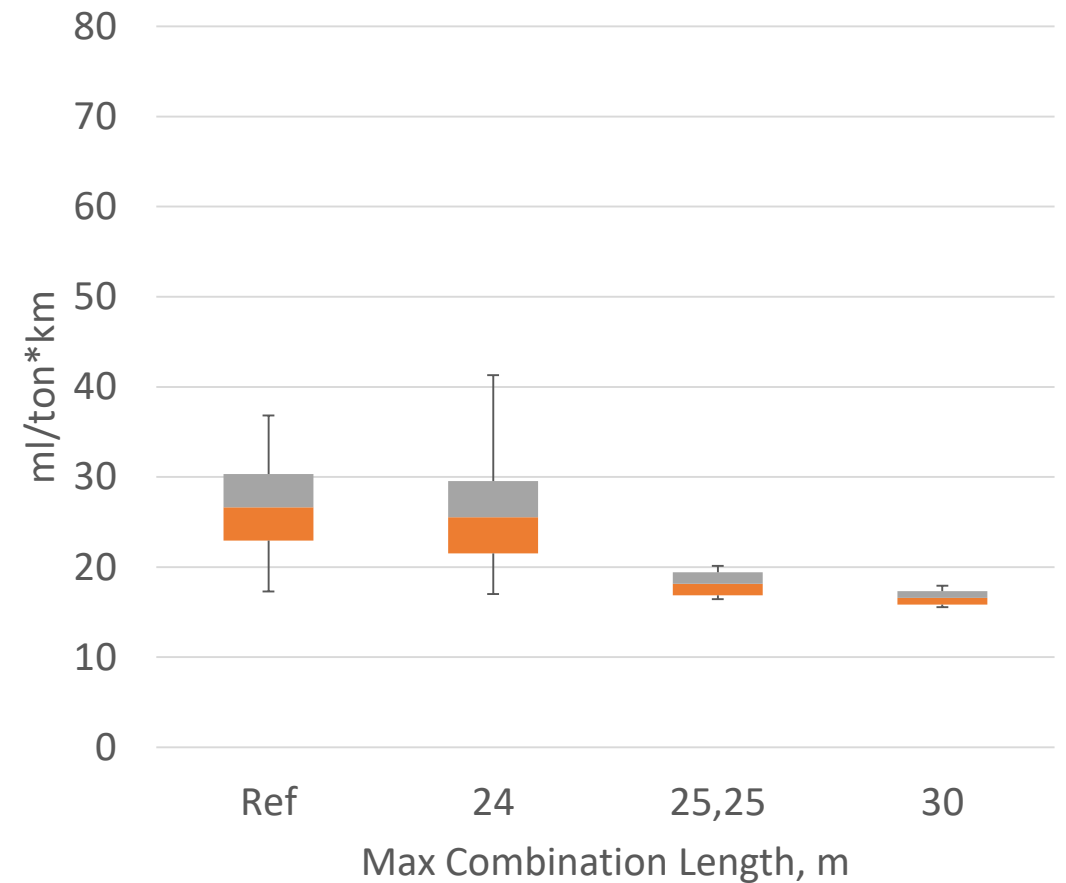
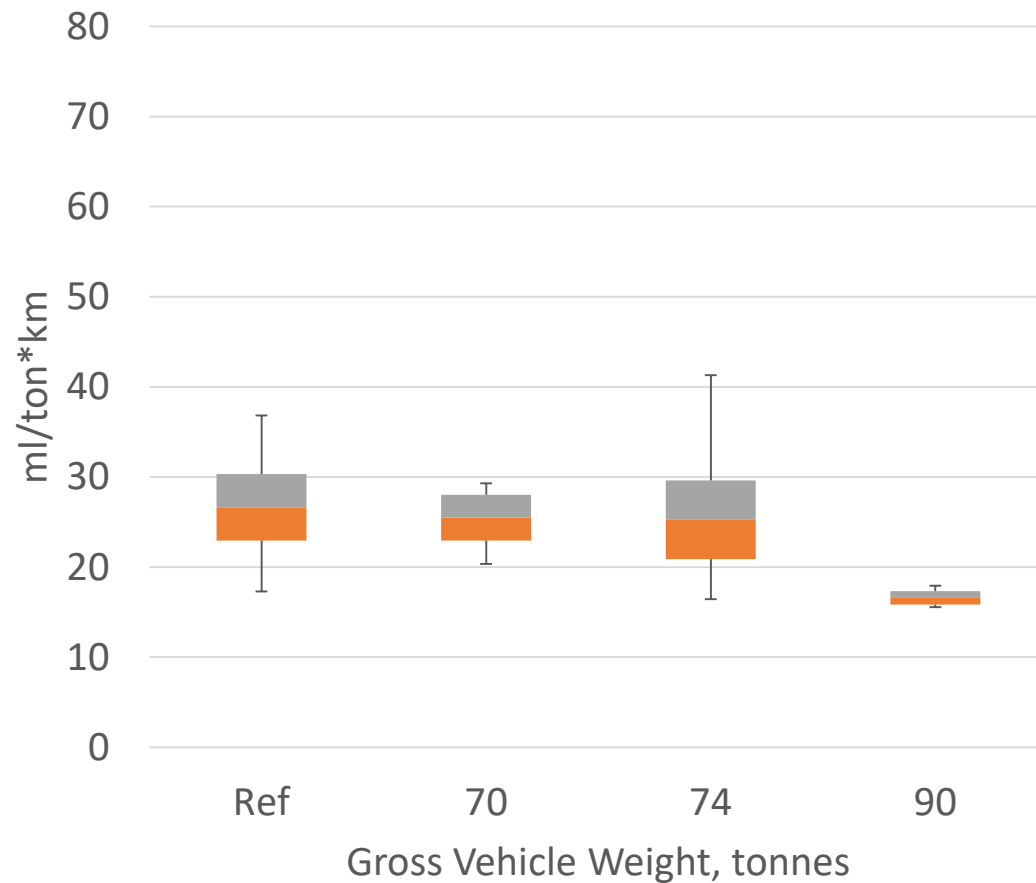
| # vehicles & drivers | 6 | 4 | 3 |
|---------------------------------|------|-------|-----|
| Overall length, m | 16.5 | 25.25 | 32 |
| m^3 per combination | 100 | 150 | 200 |
| $\text{ml/m}^3 \cdot \text{km}$ | 3.5 | 3.0 | 2.5 |
| CO_2 | 100% | 85% | 73% |
| Road use, meters | 499 | 368 | 296 |

Data from: Lennart Cider & Lena Larsson
DUO2-project

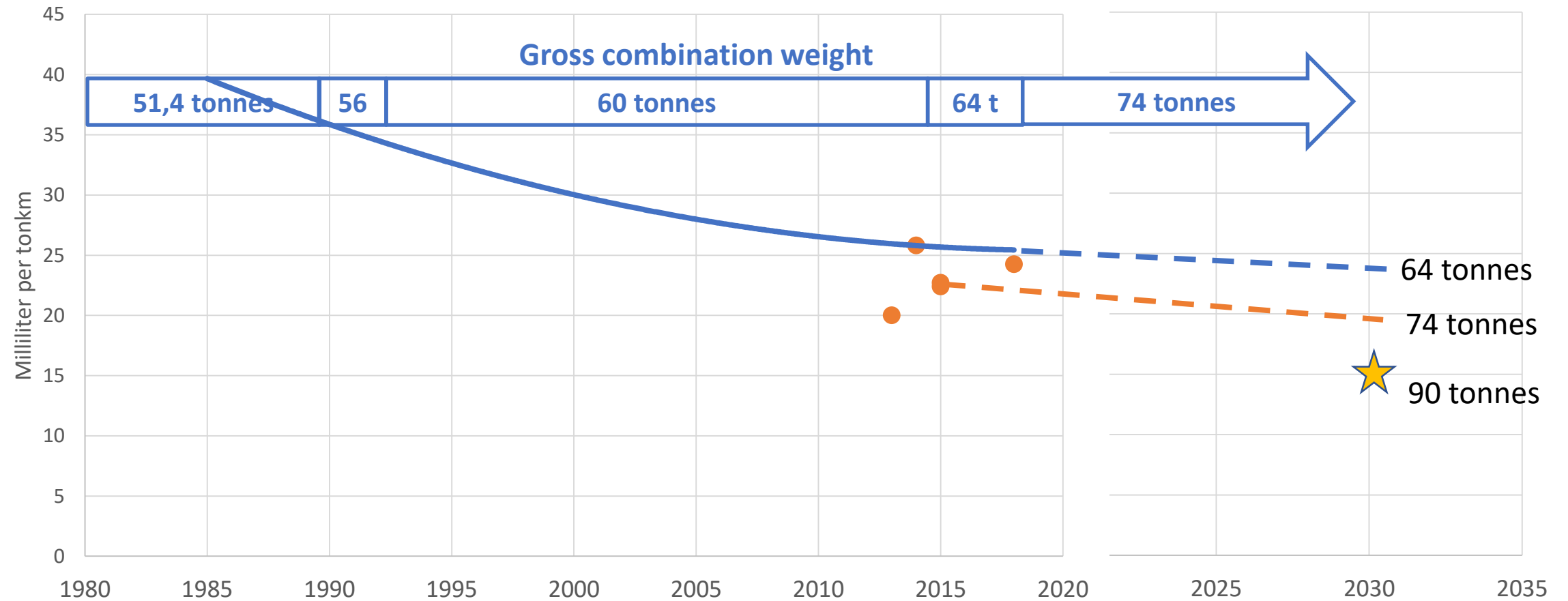


Fuel consumption as ml/ton*km

– round wood trucks only



Fuel consumption, forestry trucks only





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