

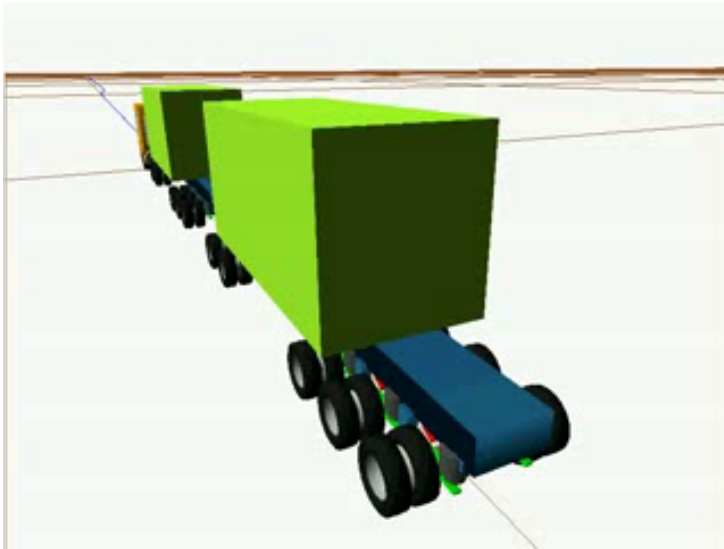
Vehicle technology

- Using technology to improve performance
- Innovative dolly
- World's first “steer-by-wire” system on a heavy vehicle
- Technology provides an opportunity for developments in vehicle design
- Safety considerations had to be addressed

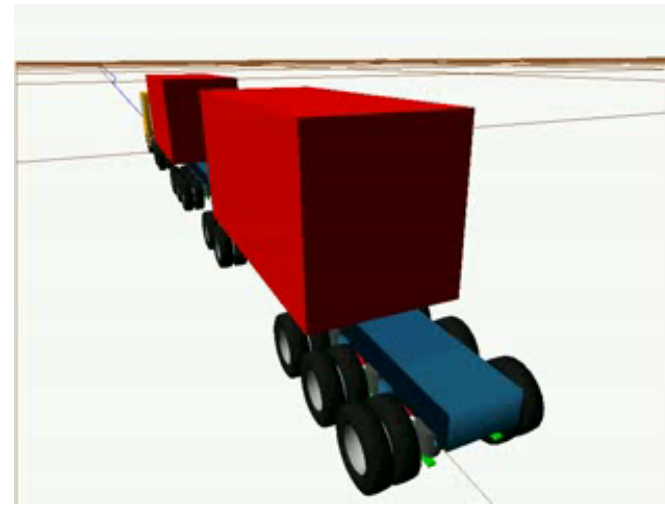


Improved dynamic performance

**A-double
(Innovative dolly)**



A-double (standard)



PBS Level 2B combinations

- Up to 30m in OAL, GCM is up to 85 t
- Can carry two 40 foot boxes



PBS Level 2B combinations

- Up to 30m in OAL, GCM is up to 79 t



Benefits

- 18 combinations running
- Reduced exposure
- 5100 truck trips saved (50%)
- More than 1.1 million truck kms
- More than 350,000 liters of fuel saved (35%)
- More than 940 t of greenhouse gases

Other factors

- Better combinations have better safety performance
- B-Doubles (NTI Report – 46% of freight, 28.8% of losses)
- B-Triples, BAB-Quads, ABB-Quads have excellent safety record and the operation of these vehicles is supported
- Technology can address specific performance issues or driver behavior (ESP or similar technologies on certain vehicle types)
- Public reaction to larger or different vehicle combinations