



Heavy-Duty Vehicles TP component level verification

27th IWG EVS

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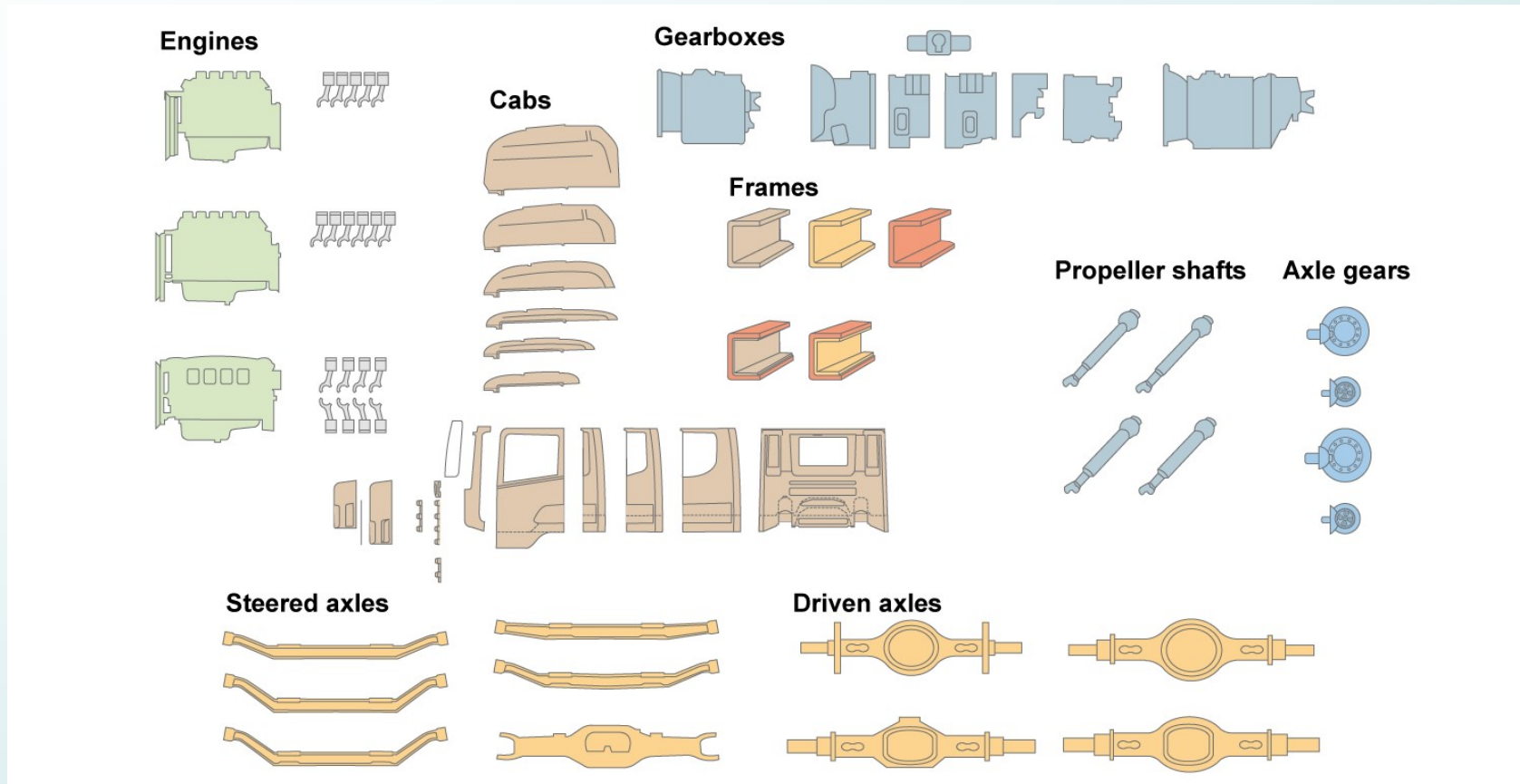
HDV TP component level verification

➤ Intent

- Understanding of complexity of the HDV industry's customer specification offering and effect on validation of safety conformance
- Acceptance of component level verification for HDV REESS

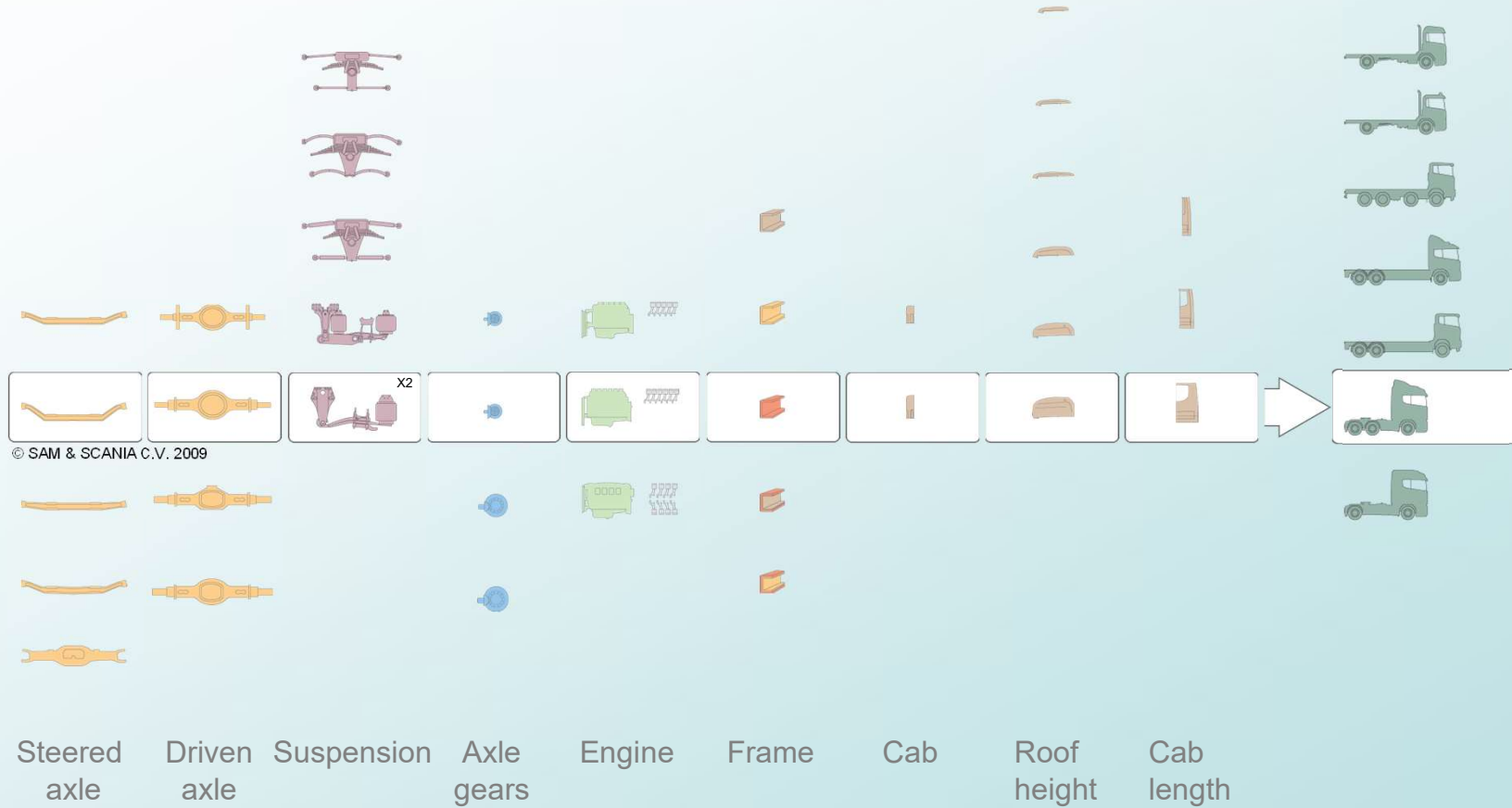


Vehicle component offering





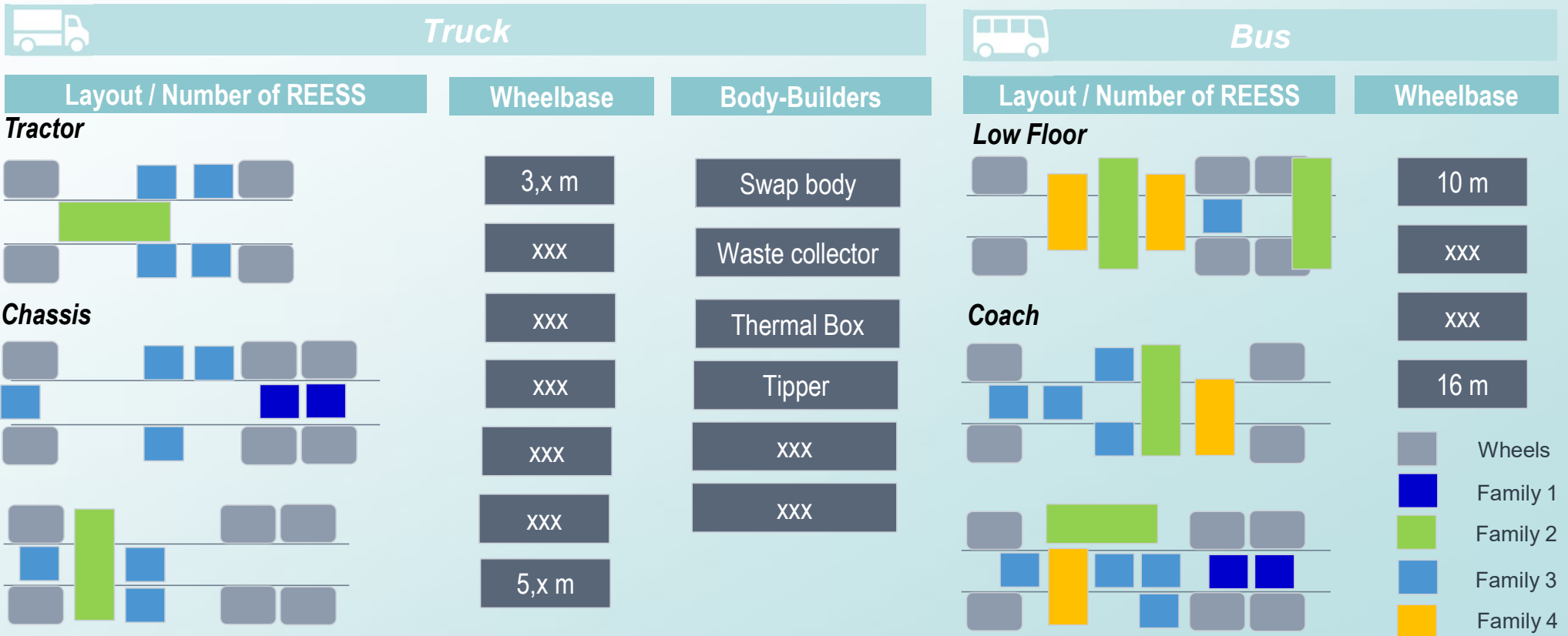
Customer configurations





High variance of applications for one REESS in HDV segment

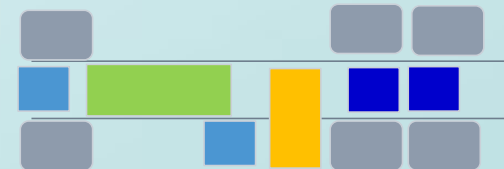
A truck or bus, regardless of dimensions or application, can have any number of combinations of REESS families (see separate presentation) fitted in locations dependant upon customer needs





Example

- Chassis truck layout offering for customer (body builder)
 - Part-WVTA, 9 vehicles purchased
 - 6 REESS/vehicle, belong to 4 REESS families
 - REESSs installation varies according to customer's application
 - Customer responsible for vehicle level conformance
 - How many vehicle level verifications?





Summary

- Indefinite customer offering from HDV industry
- Understand challenge unique to HDV in TP demonstration of safety conformance
- Advocate component level verification for HDV REESS