



European Association of Automotive Suppliers

Support leg forces in UN regulatory tests

UN GRSP Ad-Hoc Group on CRS

MS Teams, 21st October 2022

DATA SOURCES



Literature and new tests

- **CLEPA/Dorel tests presented to UN Informal Group on CRS**

- CRS-07-03, November 2008
- CRS-13-05, October 2009



To support development of R129 and amendment of vehicle regulations

- **Spain/IDIADA tests presented to UN GRSP**

- GRSP-70-03, December 2021

- **CLEPA tests (new)**

- CYBEX (6 tests, 5 to follow)
- BeSafe (one test)



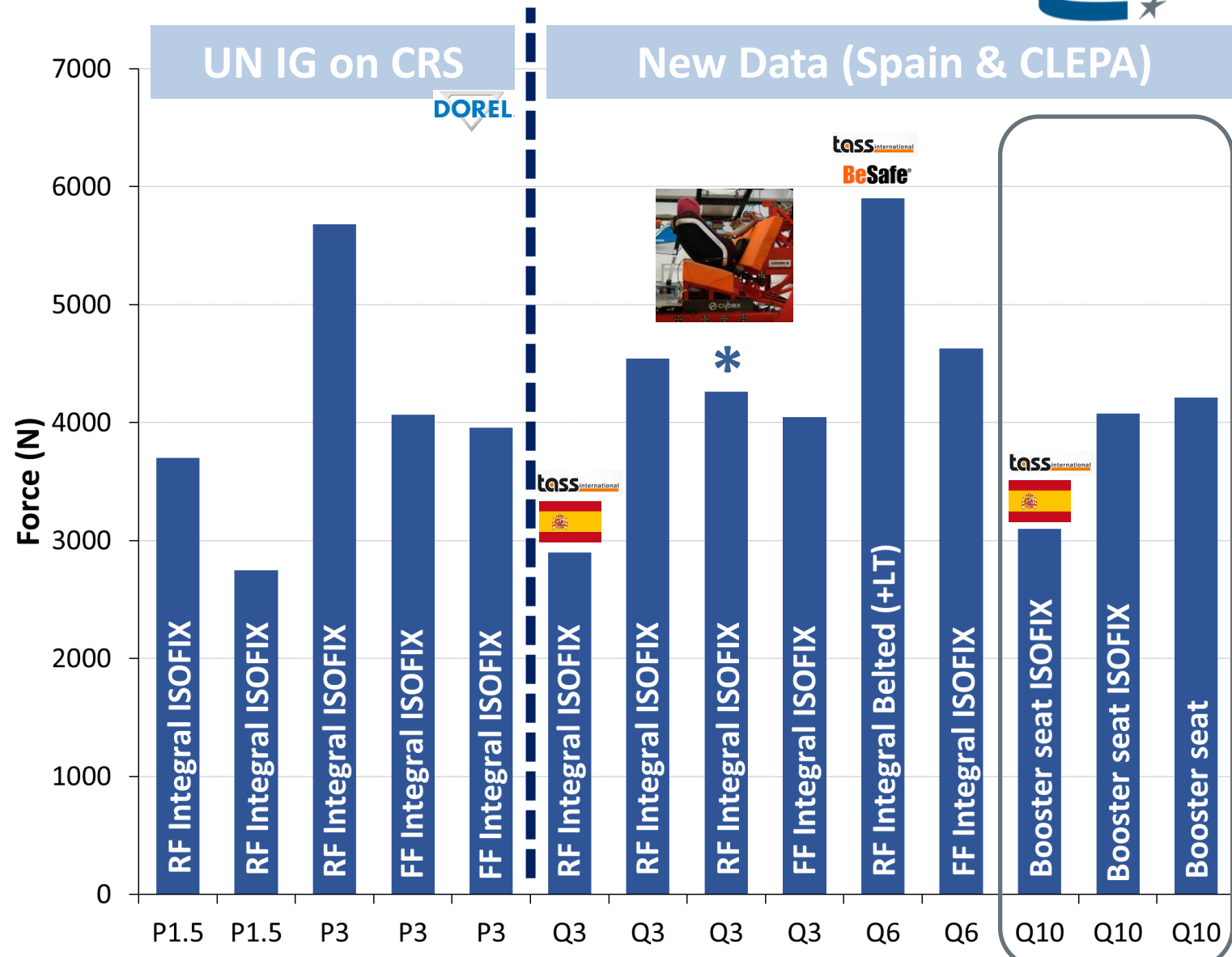
To support proposals to amend CRS and support leg volume requirements

RESULTS – SUPPORT LEG FORCE



Booster seats

- Legacy data ranged from 2900 to 5680 N
 - Input to current R145 floor strength requirements
- R129/i-Size CRS consistent with legacy data
- Booster seats with Q10 consistent with other R129 CRS



RESULTS – SUPPORT LEG FORCE



Support leg volume height

- Taller SL generates similar forces to conventional ISOFIX & SL bases

