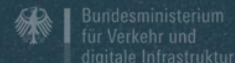
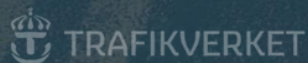


# FOR SAFER CARS

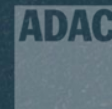
# EURO NCAP



LE GOUVERNEMENT  
DU GRAND-DUCHÉ DE LUXEMBOURG  
Ministère du Développement durable  
et des Infrastructures



Ministry of Transport, Public Works  
and Water Management



Thatcham  
Research



Generalitat de Catalunya  
Government of Catalonia



# Euro NCAP Star Ratings

Aled Williams

ETSC PIN Conference  
4<sup>th</sup> October 2018  
Vilnius

# New Car Assessment in Europe

Euro NCAP is a public-private partnership that has been providing consumer information since 1997.





# Simple Consumer Message

The Official Site of The European  
New Car Assessment Programme


## LATEST SAFETY RATINGS

NEW





2018 ★ ★ ★ ☆ ☆

**Suzuki Jimny**  
Standard safety equipment



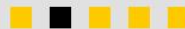

2018 ★ ★ ★ ★ ★

**Volvo XC40**  
Standard safety equipment



2018 ★ ★ ★ ★ ★

**Ford Focus**  
Standard safety equipment



# Overall Safety Rating

The star rating combines crash protection, crash avoidance and driver assistance

Star Rating



4 areas



18 tests



Offset-Deformable Barrier



Side Pole



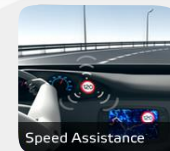
CRS Installation Check



Head Impact



Lower Leg Impact



Speed Assistance



Lane Support



Full Width Rigid Barrier



Side Mobile Barrier



CRS Performance



Upper Leg Impact



Pedestrian Protection



Seatbelt Reminders



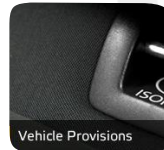
AEB Interurban



Whiplash



AEB City



Vehicle Provisions



Pedestrian Protection

# Almost all cars sold carry a rating

Presence in all popular segments provides a total view of the market and is a good barometer of the present fleet

Roughly 730 car models assessed since 1997

**94%**

of new cars sold\* in EU28 hold a valid Euro NCAP safety rating

**3%** SOLD



**16%** SOLD



**75%** SOLD

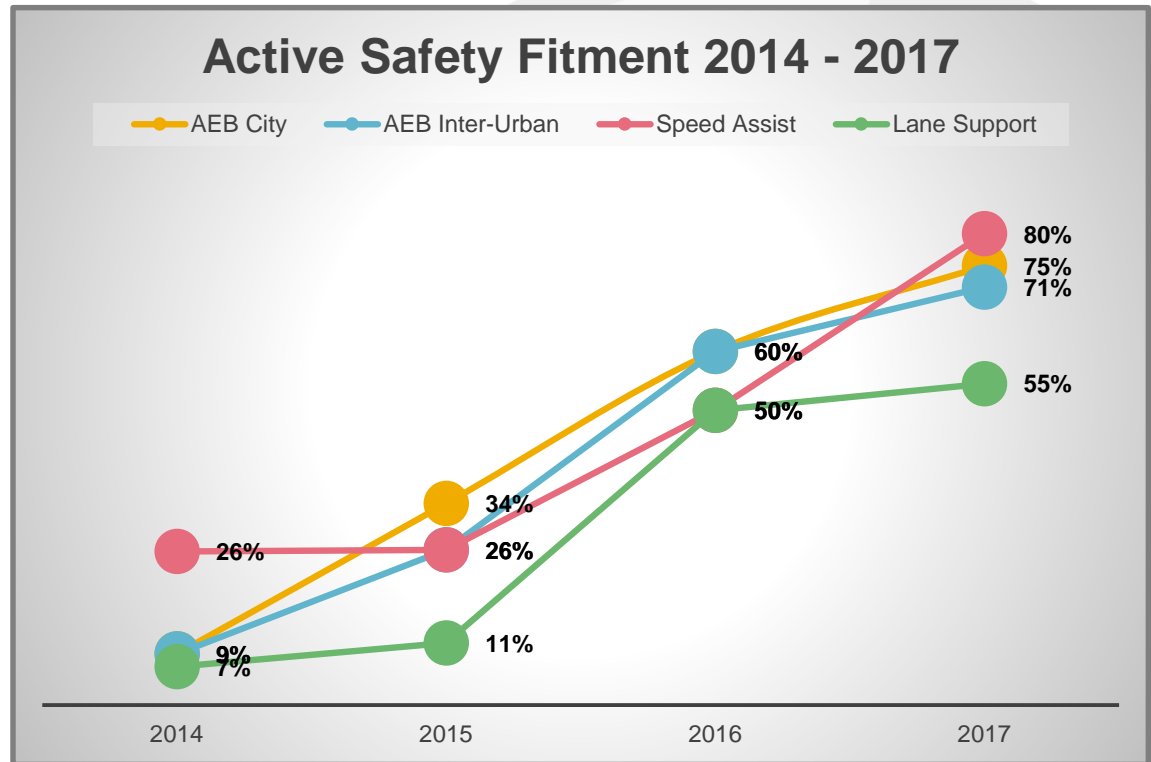


2016. Left-Lane.com

*\*Passenger Car & SUV Sales , 2016 up to Q3, 11,435,596 units*

# Euro NCAP Influence

- No legislative authority
- Very influential on car Industry
- Can use this influence to improve safety
- Main methods
  - improved performance
  - new technologies
  - fitment



# Recent Developments

2016



## Examples

- AEB VRU extended to include night and cyclist
- Inclusion of Emergency Lane Keeping
- Sub-sign Recognition in Speed Assistance

2018



2018





# What do the Star Ratings Mean?

## ■ 5 Star Safety

- Overall good performance in crash protection. Well equipped with robust crash avoidance technology

## ■ 4 Star Safety

- Overall good performance in crash protection. Equipped with additional crash avoidance technology

## ■ 3 Star Safety

- Average to good occupant protection but lacking key crash avoidance technologies

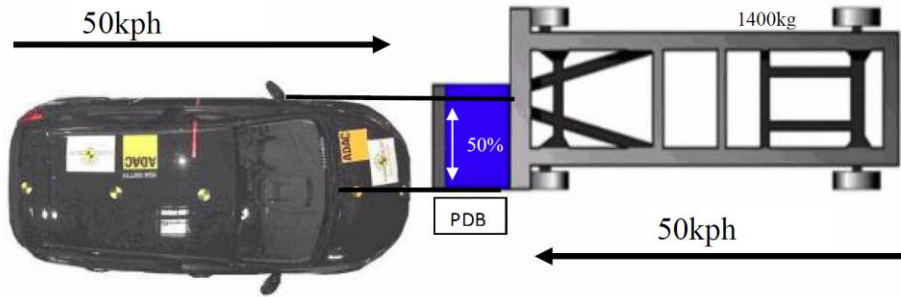
## ■ 2 Star Safety

- Nominal crash protection but lacking crash avoidance technology

## ■ 1 Star Safety

- Marginal crash protection

# Future 2020 - 2025



Mobile Progressive Deformable Barrier



Far-Side Impact Protection



Occupant Status Detection



Extrication and Rescue

# Conclusions

- Star ratings and legislation have jointly improved car safety over the last 20 years
- Consumer information programmes complement legislation to the benefit of safety
- Euro NCAP continues to encourage manufacturers to achieve the highest levels of safety

**Thank you for your attention**



# FOR SAFER CARS

# EURO NCAP

