## UK's Safer Road Programme

JOHN DAWSON







### UK DfT's Innovative Safer Roads Fund

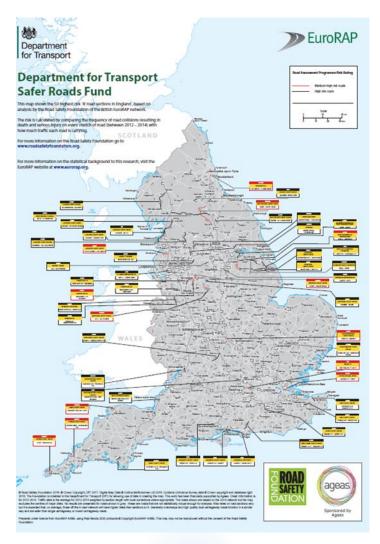
- Nov 2016: €200m fund announced
- ▶ Jan 2017: 50 'most dangerous' EuroRAP roads eligible
- ► March 2017: road inspections



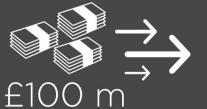
- ► Apr 2017: first applications
- Feb June 2017: 30 authorities ViDA trained



- Oct 2017: applications for 50 schemes from 30 authorities evaluated in ViDA
- 2018/2019: funds allocated, schemes implemented



Safer Roads Fund investment



MARCH

Capital investment of nearly £100 million to be spent between now and March 2021



Over 1,500 lives and serious injuries estimated to be saved in the next 20 years



Value of prevention of injuries (20 years)



Economic cost (20 years) (including maintenance and operation) £125 m

££££

Portfolio Benefit Cost Ratio

# Portfolio Benefit-Cost Ratio =

Safer Roads Fund treatments



250 km of improved speed limits, enforcement and traffic calming



470 km

of improved roadside shoulders





of new or improved cycle facilities



new or improved pedestrian crossings







300 improved bends



150 km and signing



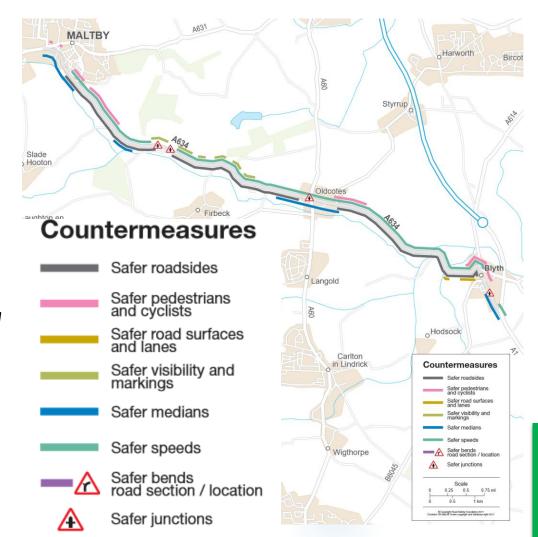


130 km of improved medians (hatching / wide centrelines)

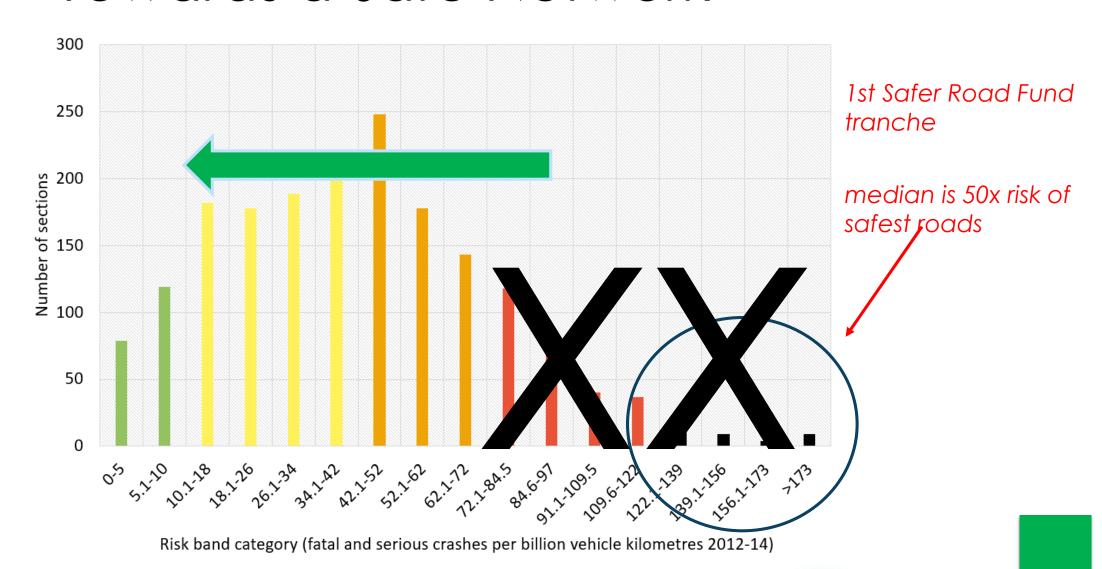


#### Innovations

- Specific Safety Only Fund
- 2. Quick
- Direct economic comparison with competing transport investment
- Remote ViDA coding and loading (by a Danube Region team)
- User Defined Investment Plans



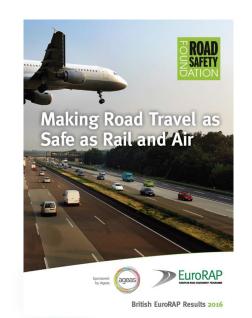
#### Towards a Safe Network



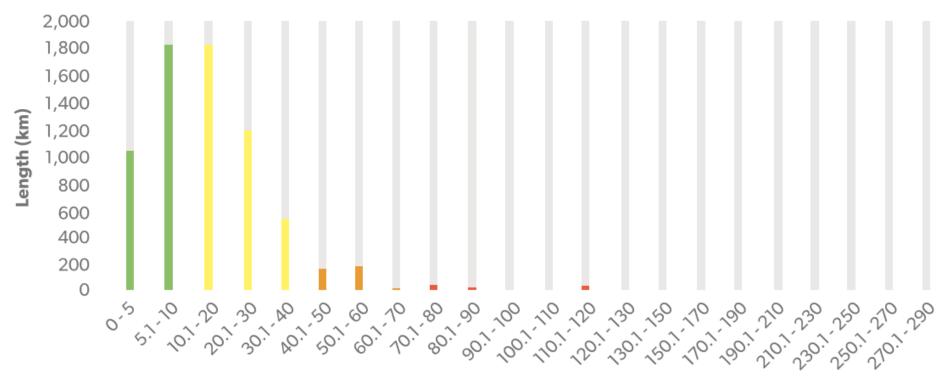
### National Roads - Highways England

- established April 2015, new regulatory framework
- radical safety commitment based on safe system
  - 90% of travel by 2020 at 3-Star +
  - zero harm by 2040
  - Benchmark inspection 2015, repeat 2020
- Iterative gap analysis:
  - i) major projects + maintenance + smart motorways
  - ii) the safety programme must deliver the gap





#### English Strategic Road Network: Towards Zero



Risk band category
(fatal and serious crashes per billion vehicle kms 2013-15)

