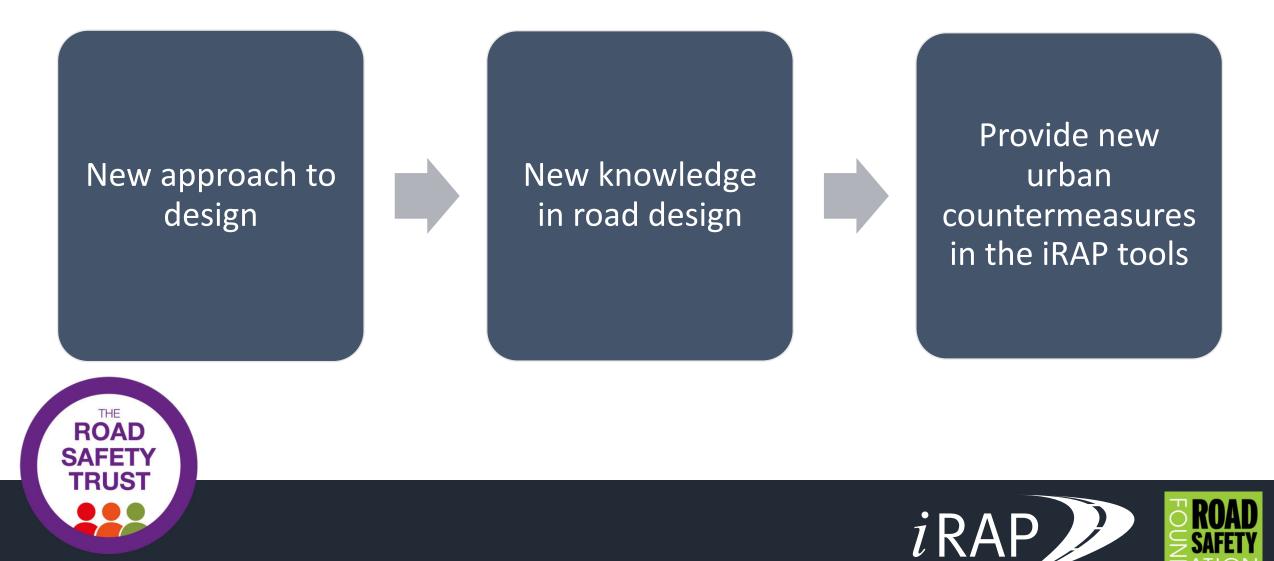
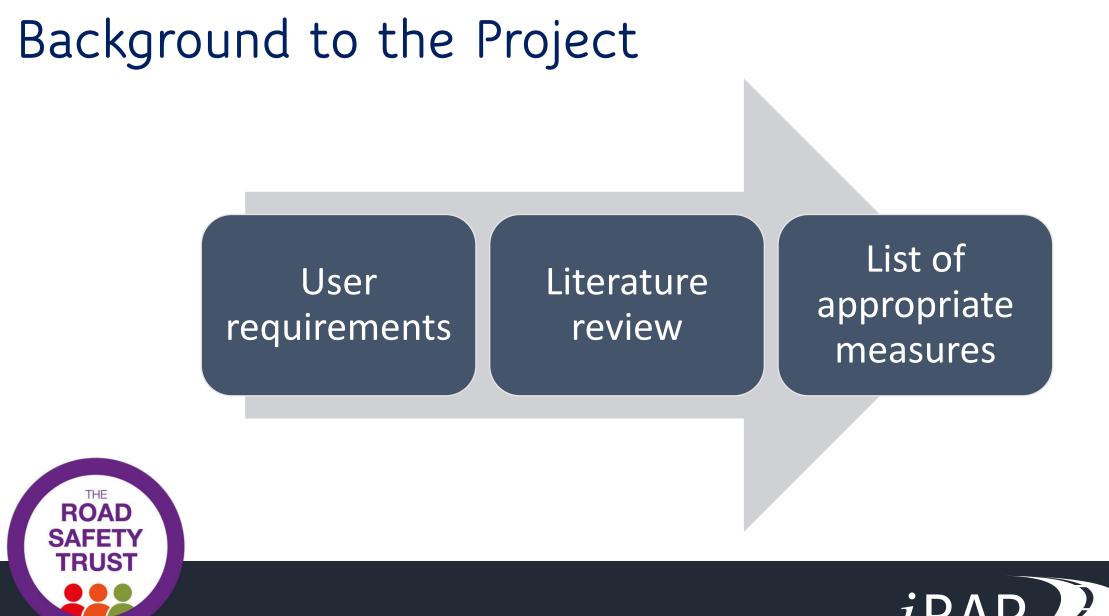
Urban Measures – New Safer Roads Investment Plans for Vulnerable Road Users

Kate Fuller



Background to the Project









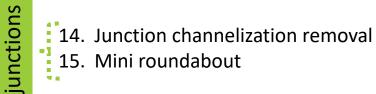
New countermeasure package

- 1. Traffic calming Target speed (50 km/h)
- 2. Speed control

Safe speed

- 3. Traffic calming Lane width
- I. Traffic calming Number of lanes
- 5. Traffic calming Target speed (20 mph)
- 6. Traffic calming Target speed (30 mph)
- 7. Traffic calming Target speed (40 mph)
- 8. Traffic calming Target speed (30 km/h)
- 9. Traffic calming Target speed (40 km/h)
- 10. Speed limit reduction Low enforcement (mph)
- 11. Speed limit reduction Strong enforcement (mph)
- 12. Speed limit reduction Low enforcement (km/h)
- 13. Speed limit reduction Strong enforcement (km/h)







- 16. Diagonal crossing
- 17. Signalised junctions with diagonal crossing
- 18. Give way crossings
- 19. Staggered crossings
- 20. Flush crossings



- 21. Protected off-road cycle lanes
- 22. Pedestrian and cyclists' zone
- 23. Cycle street



- 24. Cycle Lane (on-road) Urban
- 25. Cycle Lane (off-road) Urban
- 26. Unsignalized crossing Urban
- 27. Signalised crossing Urban
- 28. Unsignalized raised crossing Urban
- 29. Pedestrian fencing Urban

elated countermeasure





ì	Stage 1 - Dataset definition	
0	Stage 2 - Road survey	QA Required
A.	Stage 3 - Road coding	QA Required
k	Stage 4 - Star Rating	QA Required
\$	Stage 5 - Fatality Estimation	QA Required
2	Stage 6 - Investment Plan	QA Required

Countermeasure pack 😧	V3.02 Countermeasures (Urban Enhancements)
Trigger set pack 🚱	V3.02 iRAP Volume & Condition Based Warrants (Urban Enhancemer •



Making Roads Safer

ROAD SAFETY

TRUST

Use and feedback so far

Could increase road safety for all user groups

> Countermeasures reflect what is needed in urban areas

Countermeasures are aligned with Safe system approach

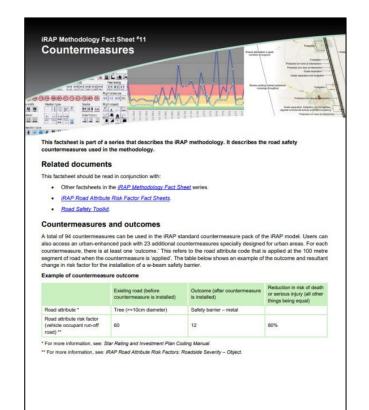




More information https://irap.org/methodology/

https://resources.irap.org/CRM/Global/iRAP_Urban_Counterm easures_brochure.pdf

https://irap.org/rap-tools/investment-planning/urbancountermeasures/









Making Roads Safer

ROAD

SAFETY TRUST Many thanks for listening. Do you have any questions?

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i RAP