Fendon Road Roundabout





Cycling In Cambridge

- The highest rates of cycling in the county (+~50% on Oxford)
- ~50% bike at least once per week
- ~33% cycle at least 3x per week
- ~30% cycle to work
- ~46% of cyclists are female
- 4000 /day over Chisholm Trail bridge





Safety

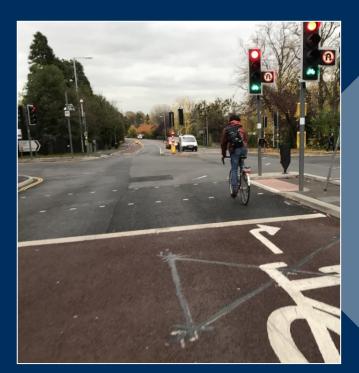
- Whist cycling rates are high we see a large number of collisions involving cyclists
- A large proportion of collusions at junctions
- Over the years work has been done to find cycle friendly junctions



Advanced Cycle Green



- Gives cyclists a green light before motor vehicles
- Increases safety of turns
- Decreases risk of Left Hook



Cyclops



- Cycle Optimised Protected
 Signals
- Fully protected cycle route
- Right turns out of traffic



Perne Road/Radegund Road



- ½ Dutch
- Cyclist Fully separated if they wish
- Cyclists still have to wait to cross



Dutch Style – Fendon Road

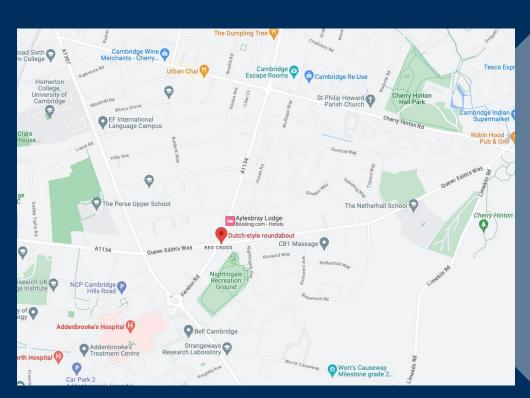


- The Full Dutch
- Cyclist Fully separated
- Cyclists have priority



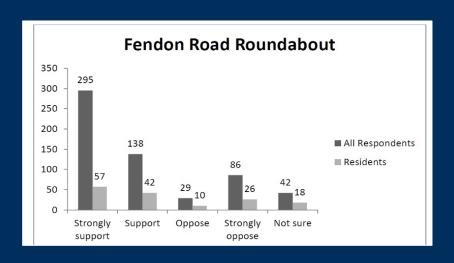
Why Fendon

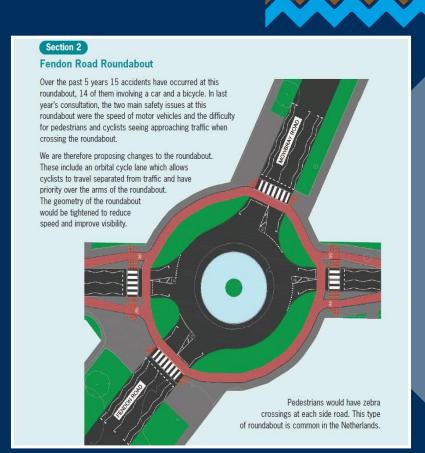
- Very Old Design
- No protection for AT
- Last resort for Cyclists
- Dangerous
- Busy Route
- S106 Money



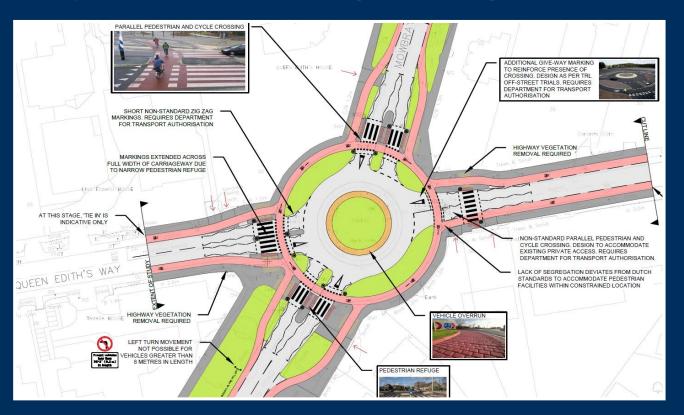
The Start

- Consultation
- 433 vs 115 in favour





Royal Haskoning Design





Signage





Schem	e Ref.	Queen Edith's Way West		
Sign	Ref.	NS01	x-height	50.0
Letter colour WHITE		SIGN FACE		
Backg	round	BLUE	Width	905mm
Border		WHITE	Height	1145mm
Materi	al Ck	ess R3B Microprismatic	Area	1.04m ²



Schem	e Ref.	Queen Edith's Way East		
Sign	Ref.	NS03	x-height	50.0
Letter colour WHITE		WHITE	SIGN FACE	
Backgr	ound	BLUE	Width	905mm
Border		WHITE	Height	1145mm
Materi	al Ck	iss R3B Microprismatic	Area	1.04m ²



Scheme Ref.	NS02		
Sign Ref.	Fendon Road	x-height	50.0
Letter colour WHITE		SIGN FACE	
Background	BLUE	Width	905mm
Border	WHITE	Height	1135mm
Material Cla	ss R3B Microprismatic	Area	1.03m ²



Scheme Ref.	Mowbray Road		
Sign Ref.	NS04	x-height	50.0
Letter colour	WHITE	SIGN FACE	
Background	BLUE	Width	905mm
Border	WHITE	Height	1125mm
Material Ca	ess R3B Microprismatic	Area	1.02m ²

SS24 TP01 NEW ROAD

LAYOUT **AHEAD**

GIVE WAY TO CYCLISTS AND **PEDESTRIANS**

SS25

PEDESTRIAN AND CYCLE CROSSING

Details







Issues with Build







Opening and Controversy







Impact

- Collisions have remained roughly constant
- Increase in use by cyclists almost 50%
- 6.5% of all traffic to 11.4%

Future

- Near miss analysis
- DfT Lobbying

- Active travel route along Fendon Road
- Addenbrookes Roundabout Work

Active Travel Centre of Excellence

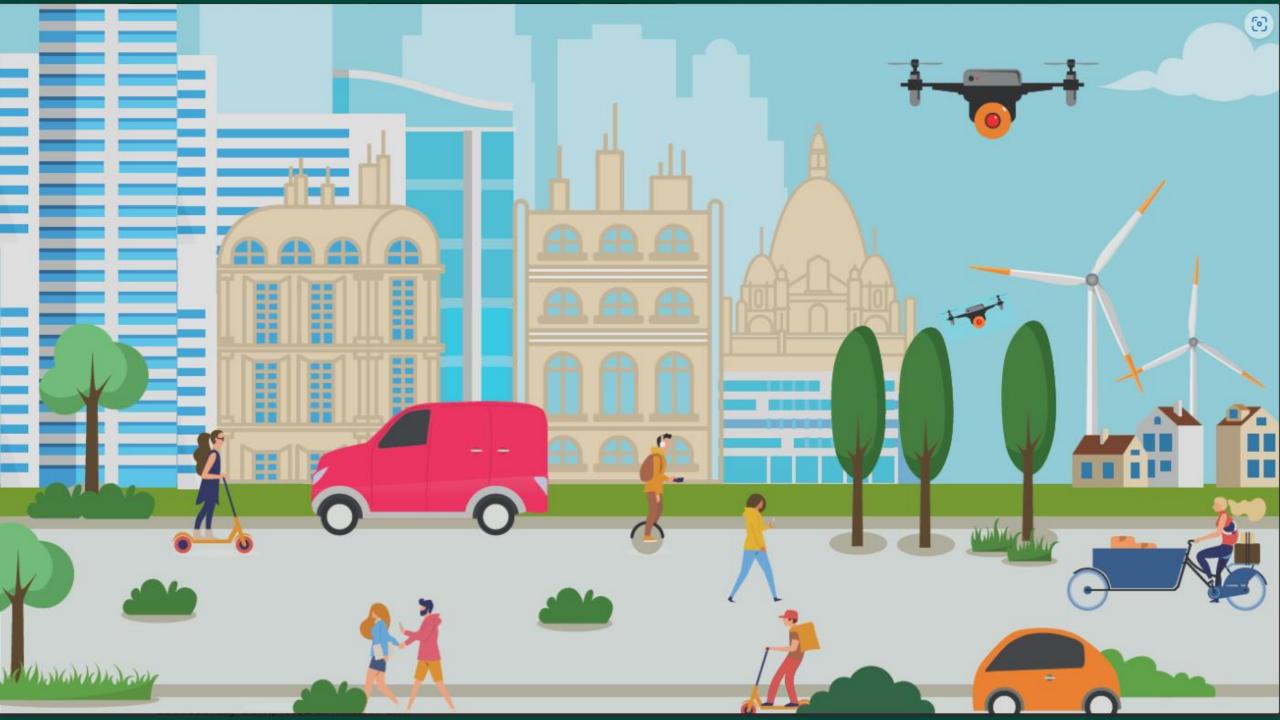




HARMONY Project Innovative drone delivery trials

George Fourtinas – UAV Analyst Innovation Hub iHUB Future Mobility & Placemaking Team George.Fourtinas@Oxfordshire.gov.uk





The Initiative

- Oxfordshire County Council's role
- Overview of the HARMONY project
- Key partners: University College London, RUAS, Airbus
- Focus on testing low-carbon transportation



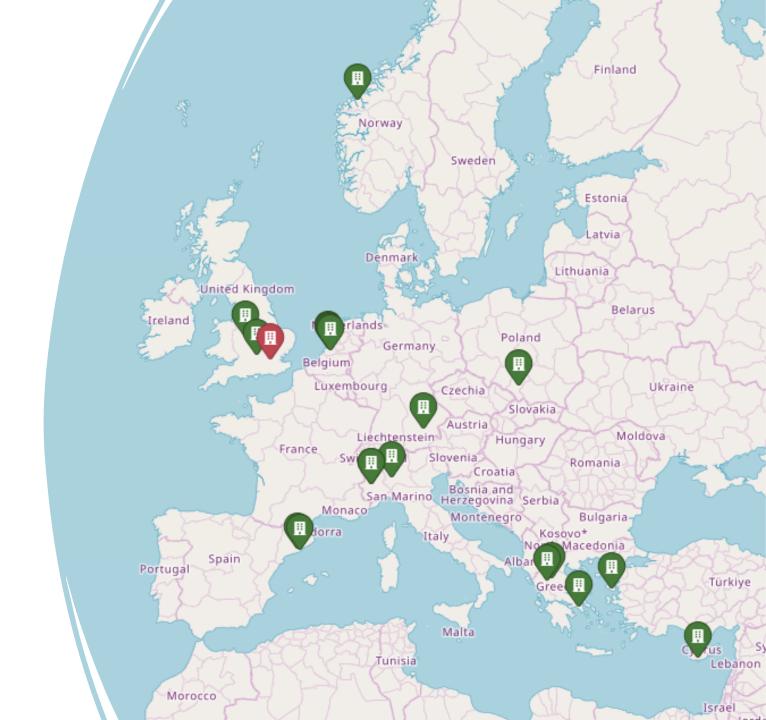
Project Scope

- Overview of the three pilot demonstrations (Oxfordshire, Rotterdam, Trikala)
- Integrating electric AVs and drones into traditional transport modes
- Real-world data collection
- Funding from the European Union's Horizon 2020



The HARMONY Project Partners

- Recognition of key project partners and contributors
- Emphasis on collaborative efforts



Technological Advancements

- The pioneering fusion of technologies
- Environmental benefits: emissions reduction
- Seamless integration with Unmanned Traffic Management (Airbus)



Real-world Impact

- Highlighting the Milton Park trials
- Utilization of an electric van from Oxfordshire County Council
- Successful delivery of a defibrillator
- Improved efficiency and speed in critical deliveries



The Importance of Data

- Emphasizing the role of data in decision-making
- How data will inform policymakers, urban planners, and industries
- The broader impact of data-driven insights



The Global Perspective

- Extending the project's vision globally
- Inspiring similar initiatives worldwide
- Promoting innovation and collaboration beyond borders









Thank you

