



MOBYCON

POLICY • PLANS • DESIGN • CAPACITY BUILDING

PEDESTRIAN BICYCLE CONFLICTS

CASE STUDIES FROM THE NETHERLANDS VELOCITY 2019





We make the world less
dependent on the car.

TRAFFIC • MOBILITY • TRANSPORT

'Sickening': Footage shows cyclist hitting elderly pedestrian

Wielrenner botst op voetganger

Een 50-jarige man uit Geilenkirchen is pinksterzondag zwaargewond geraakt na een aanrijding met een 28-jarige wielrenner uit Nederland. Het ongeluk gebeurde over de grens in Schierwaldenrath, bij Gangelt. De Duitser wilde oversteken toen hij werd gegrepen door de fietser. Beide mannen vielen. De man uit Geilenkirchen liep daarbij zwaar hoofdletsel op. Hij werd per ambulance naar het ziekenhuis gebracht. De fietser moest met knieletsel naar het ziekenhuis.

BRAKING BAD Cyclist forced to pay up to £100,000 to yoga teacher he mowed down when SHE stepped into road while on her phone

Brittany Vonow

21 Jun 2019, 10:01 | Updated: 21 Jun 2019, 12:11



 193 COMMENTS



DORPSSTRAAT 1965



DORPSSTRAAT TODAY





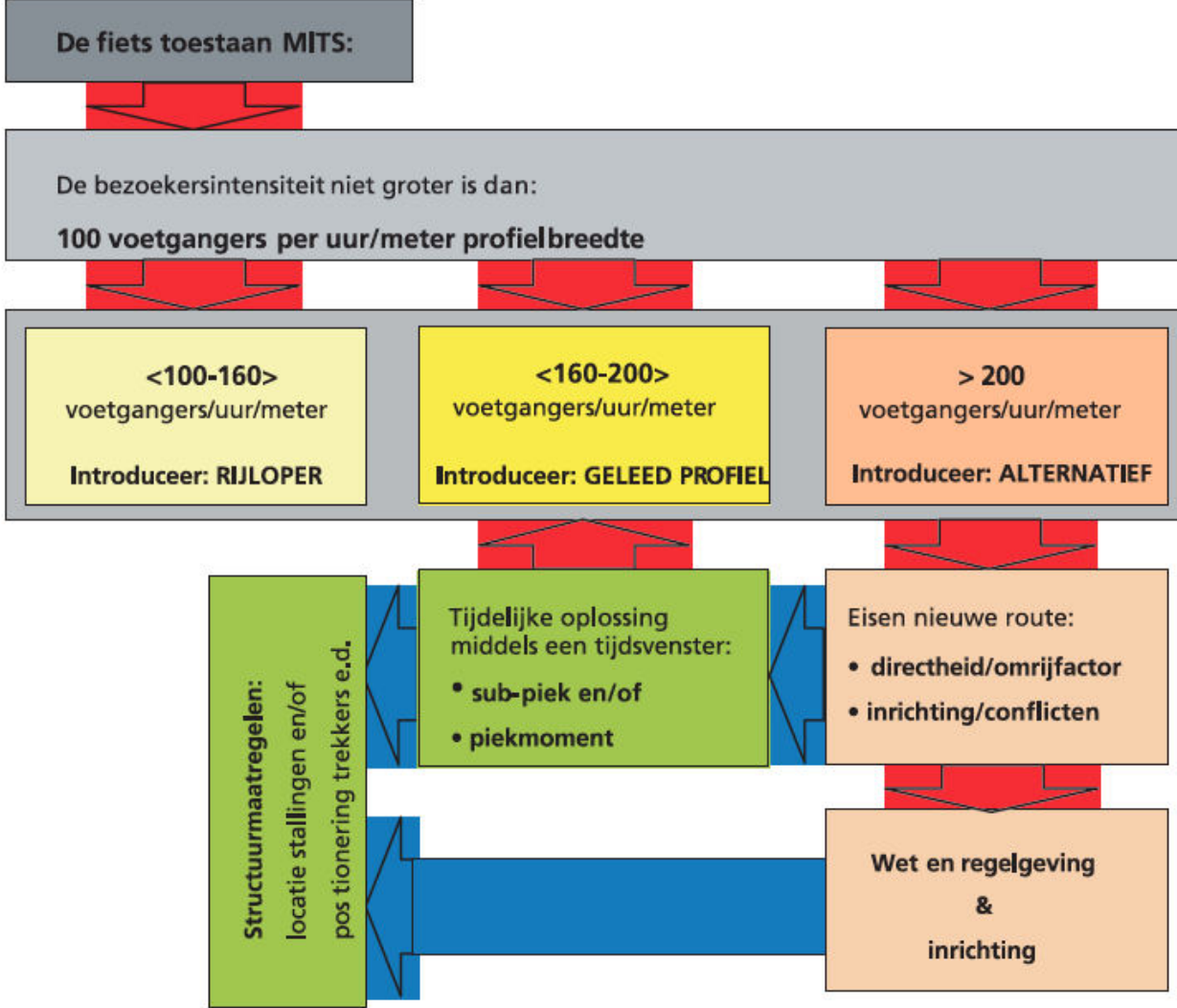
ISSUES AT PLAY

- No recorded crashes
- Perceived level of risk
- Mostly from children & elderly
- Political pressure to remove bicycles from the street



GUIDELINES

- CROW research
- Always allow bicycles if:
 - <100 peds/hour/meter
- If > 100 but <160
 - Introduce central cycling area
- If > 160 but <200
 - Introduce kerbs
- If > 200
 - Re-route cyclists





EXAMPLE: HAARLEM

- 2 parallel shopping streets
- One allowed, one disallowed cycling
- Central cycling area





EXAMPLE: THE HAGUE

- High volume of peds + bikes
- Through route to the station
- Kerb-separated “bicycle lane”
- Doesn’t allow for crossing movements
- Conflicts at intersections





CAVEATS

- Available width
- Type of cyclists
 - Through-traffic vs customers!
- Available re-routing options



0 - 1 km	26%
1 - 3 km	53%
3 - 5 km	10%

LOCAL CONTEXT

- Hot topic: 1200 survey results
- 1 in 4 visitors live within walking distance
- 86% of people get annoyed with bicycles(!)
- By far most people cycle or walk to the shops





€35 per visit

47% visits
weekly



€49 per visit

18% visits
weekly

SOLUTIONS

- Political solution: Ban cyclists
- Popular solution: Ban cyclists
- Not popular with:
 - Retailers(!)
 - School children
 - Cycling federation
- Providing a safe, comfortable alternative is expensive



PUBLIC ENGAGEMENT

- 120 people at public event
- Still difference of opinion

„You really have to watch out in this street. You could easily lose your life.“





PROPOSED SOLUTION

- Step 1: Optimise cross section
 - Move signage
 - Create less linear design
- Step 2: Awareness campaign
- Step 3: Provide alternatives



KEY LESSONS

1. No evidence of safety issue
2. Perceived safety of leisure shoppers
3. Design matters
4. Cyclists are customers
5. Provide alternative route
6. Default should be:
cyclists allowed, unless...





MOBYCON

TRAFFIC • MOBILITY • TRANSPORT

www.mobycon.com
@LennartNout
l.nout@mobycon.com

INFO@MOBYCON.COM . WWW.MOBYCON.COM