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# 1. Design principles

## Systematic safety:

- Humans are vulnerable
- Humans make mistakes

## Government obligation to:

- Prevent crashes
- Reduce consequences

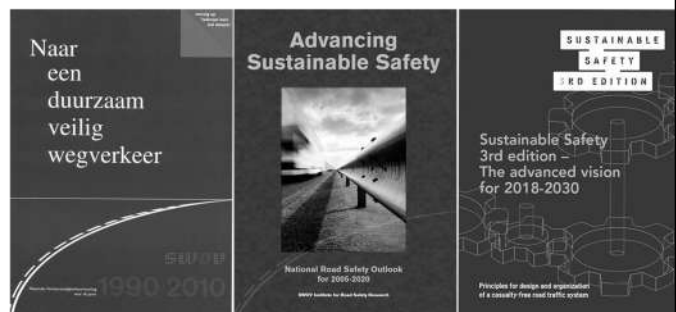


Photo: Bicycle Dutch



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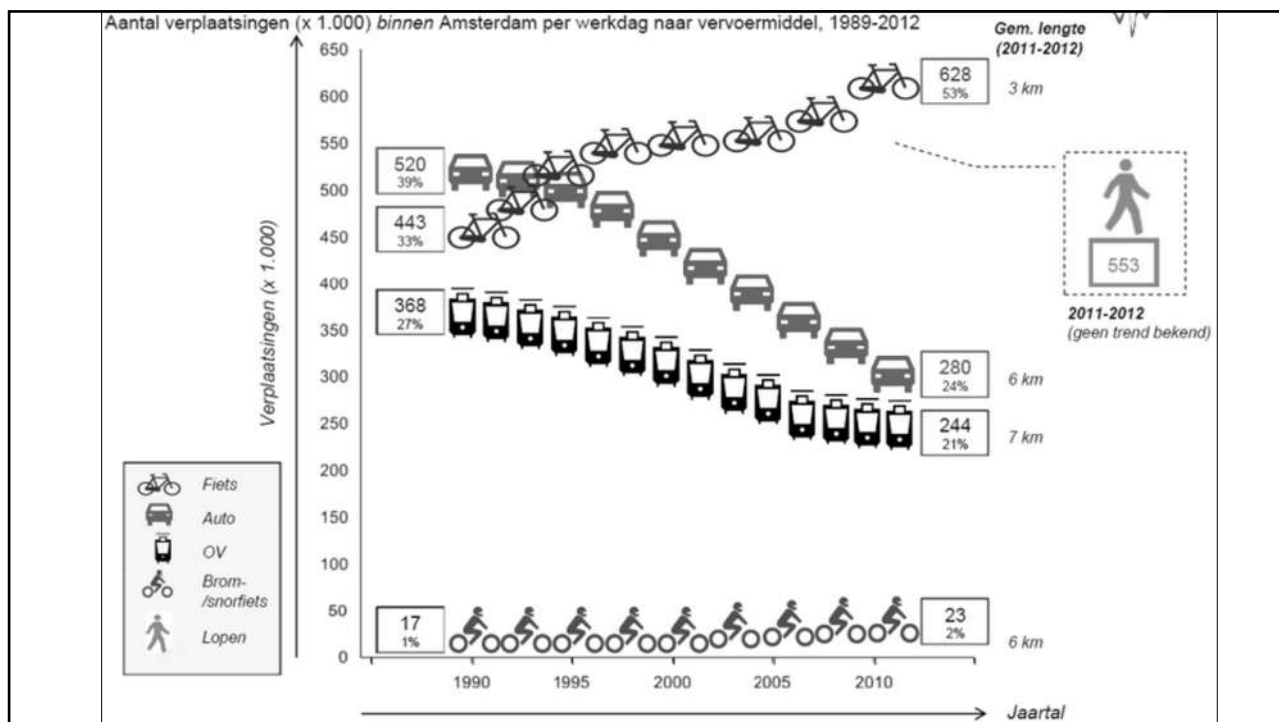
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## 2. Towards a complete network

### Predictable network for cycling:

- Coherent – easy to find your way
- Direct – more than by car!
- Attractive – perception and aesthetic
- Safe & healthy – separate from car when needed
- Comfortable – smooth surface, side-by-side space

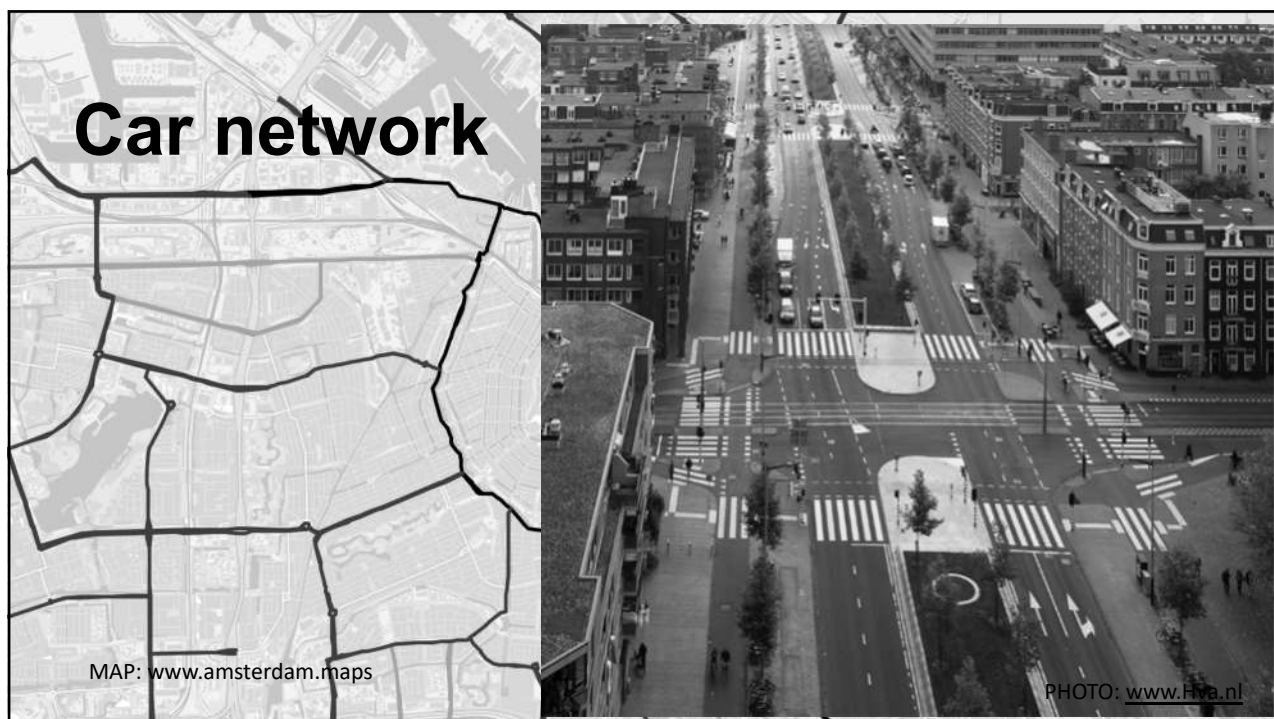


Photo: Bicycle Dutch

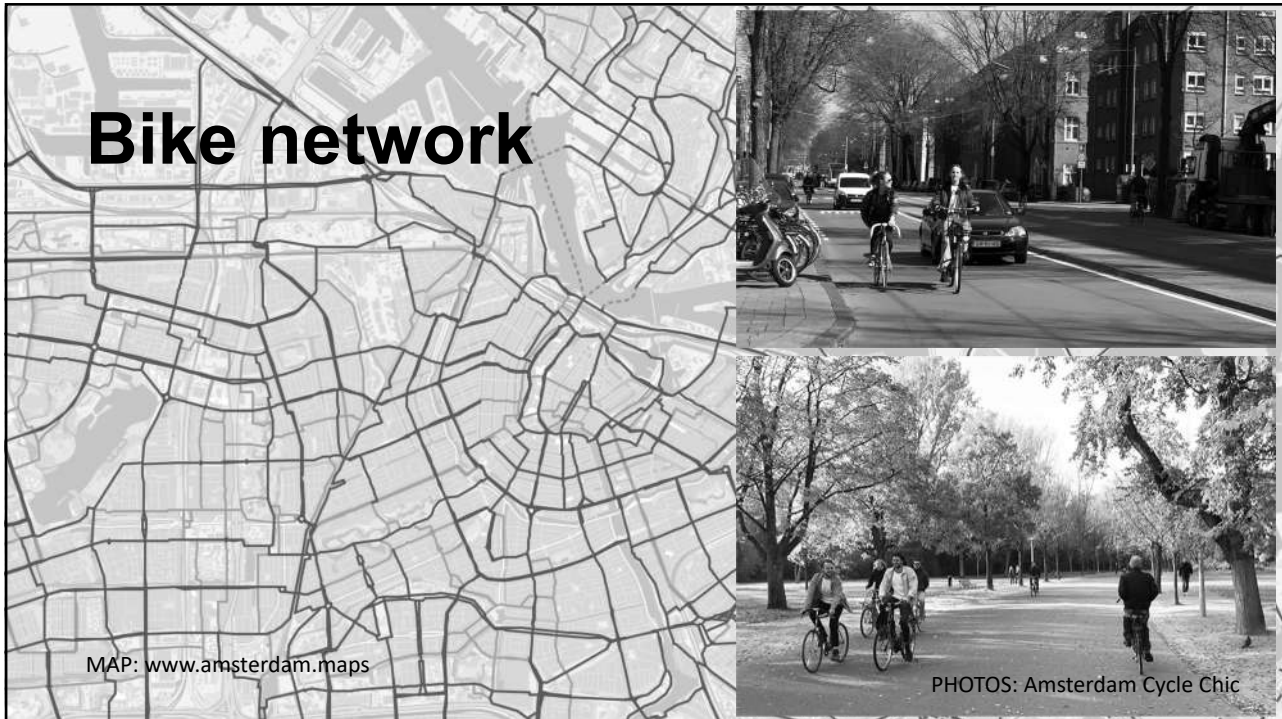


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### 3. Integration to public transit

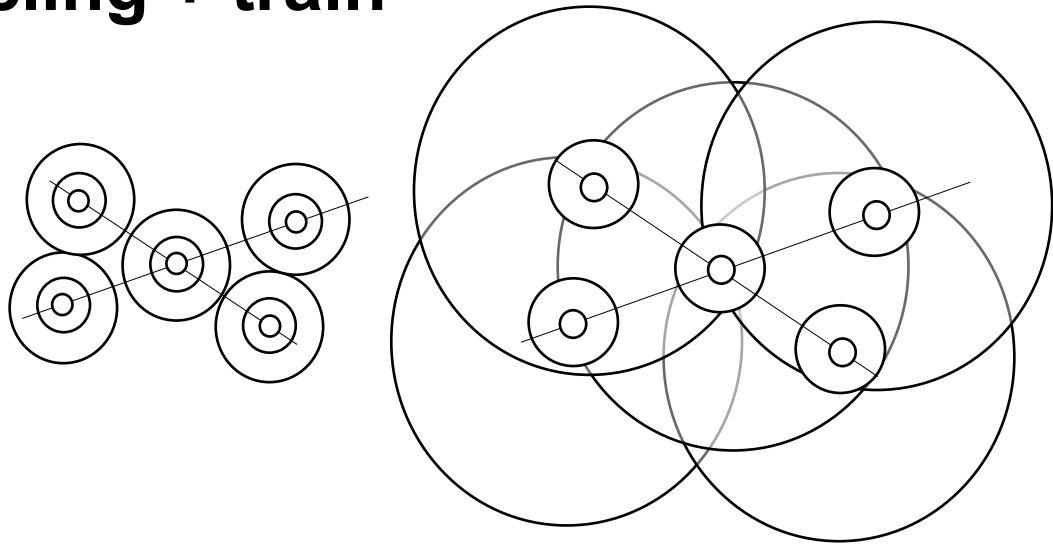
- Leverage synergies
- Optimize sustainable transport potential
- Replace car trips



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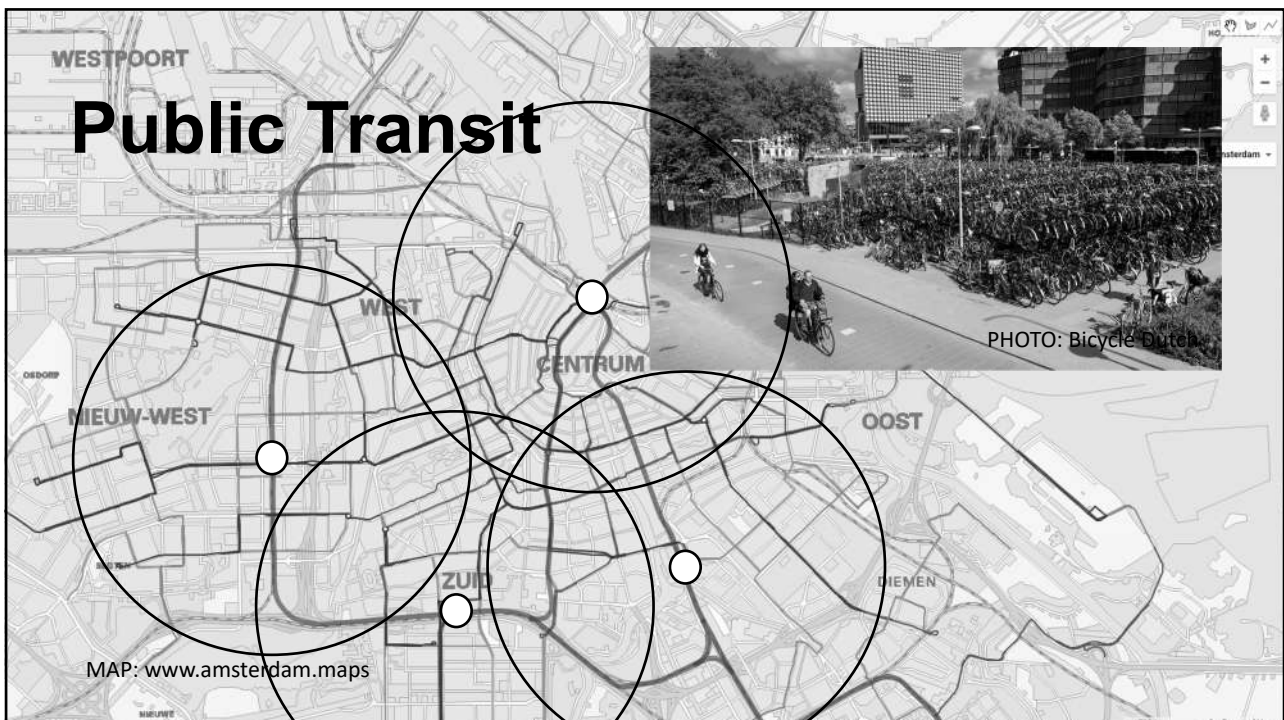
# Cycling + train



Source: Roland Kager, PhD, Studio Bereikbaar

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# Public Transit



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## More resources



- **CYCLEWALK Quality Criteria and report**
  - [www.urbancyclinginstitute.com/cyclewalk/](http://www.urbancyclinginstitute.com/cyclewalk/)
- **HANDSHAKE (CIVITAS) network of cycling cities**
  - [www.handshakecycling.eu](http://www.handshakecycling.eu)
- **Coursera (free) courses on Dutch cycling**
  - <https://www.coursera.org/learn/unraveling-the-cycling-city>
- **More on our website**
  - [www.urbancyclinginstitute.com](http://www.urbancyclinginstitute.com)

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