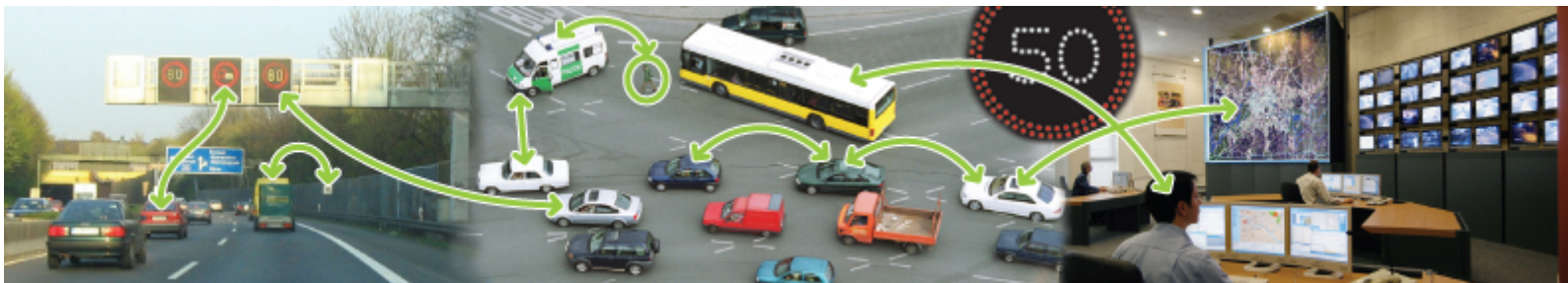




Balancing the needs of the individual with the necessities of the collective

Siebe Turksma, Jaap Vreeswijk
ITS in Europe, Genève 2008





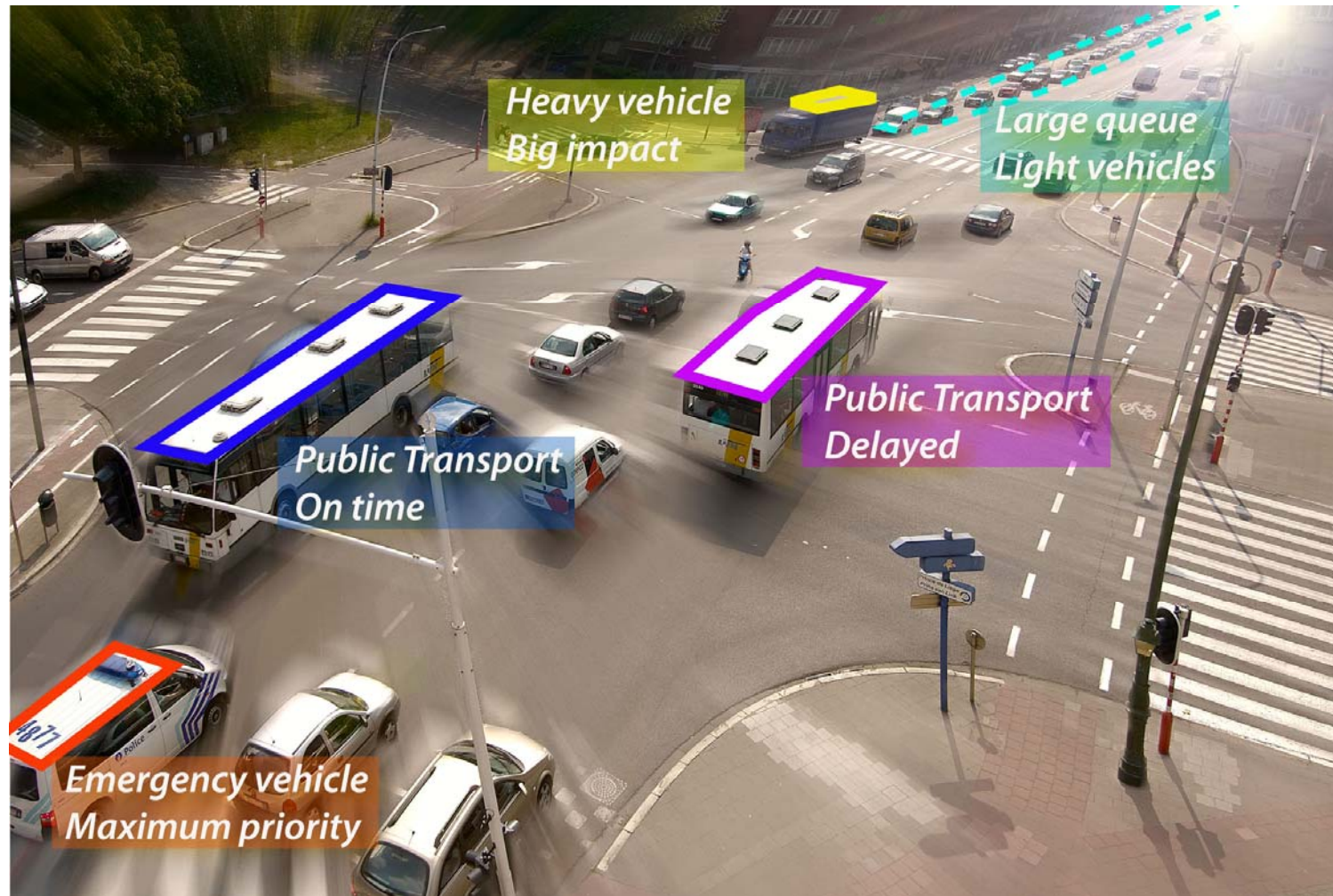
Urban Traffic Control



- Cooperative systems allow flexible priority for groups of road users, based on e.g.:
 - Socio-economical benefit
 - Public transport
 - Freight
 - Environmental impact
 - Overall efficiency
- Feedback to drivers for e.g.:
 - Speed advice
 - Safety
- Comfort for user:
 - Predictability
 - Information about network conditions



Vehicle characteristics

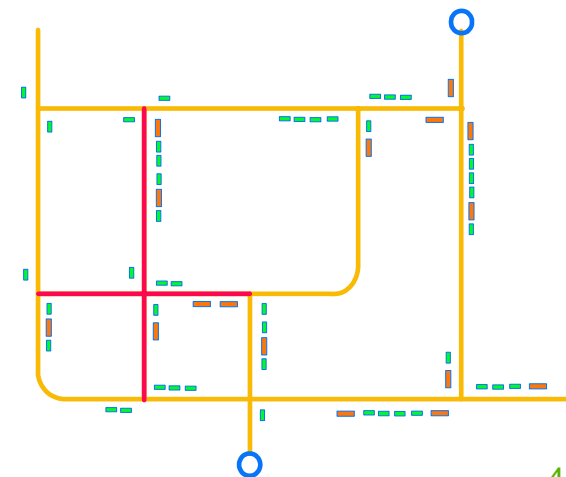




Network Routing



- Cooperative routing:
 - Based on extended FCD info
 - Balances supply and demand
 - Balances environment and individual comfort
- CVIS has applications on the regional and small network level
- Specific functionality for dangerous goods

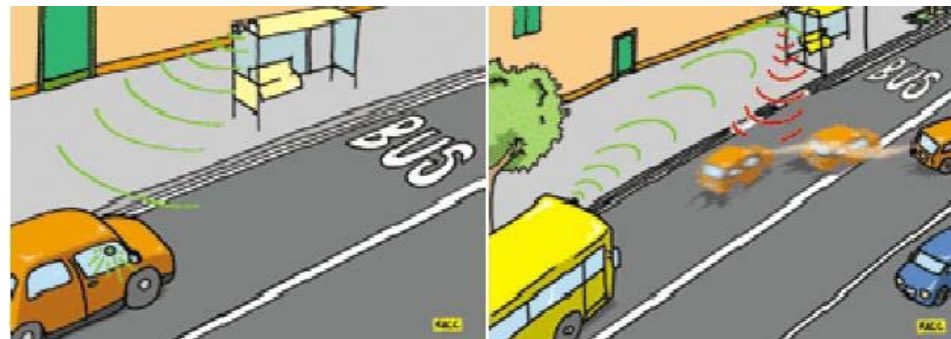




Efficient Use of Infrastructure



- For freight and fleet:
 - Parking bay allocation
 - Lowers demand on infrastructure
 - Speeds up the freight and fleet operation
- Efficient use of dedicated lanes:
 - Bus-lane used by CVIS-enabled vehicles
 - Negotiation process





Thanks for your attention...

www.cvisproject.org

