Optimizing space occupancy

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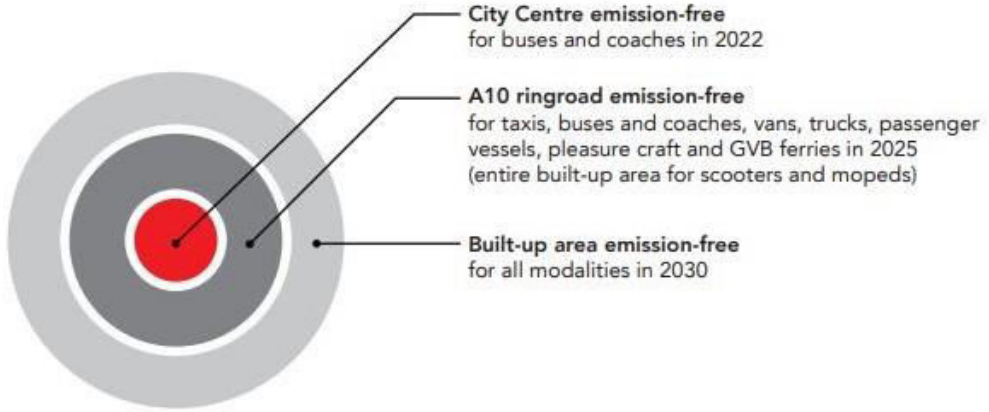
Optimizing space occupancy

Objectives

- Parking policies
- Reduce search traffic
- Reduce CO2 emissions
- Make cities more livable



Optimizing space occupancy

Today's world

- On-street parking
- Off-street parking – PARCS
- Enforcement
- PGS - Parking Guidance Systems
- Single space detection

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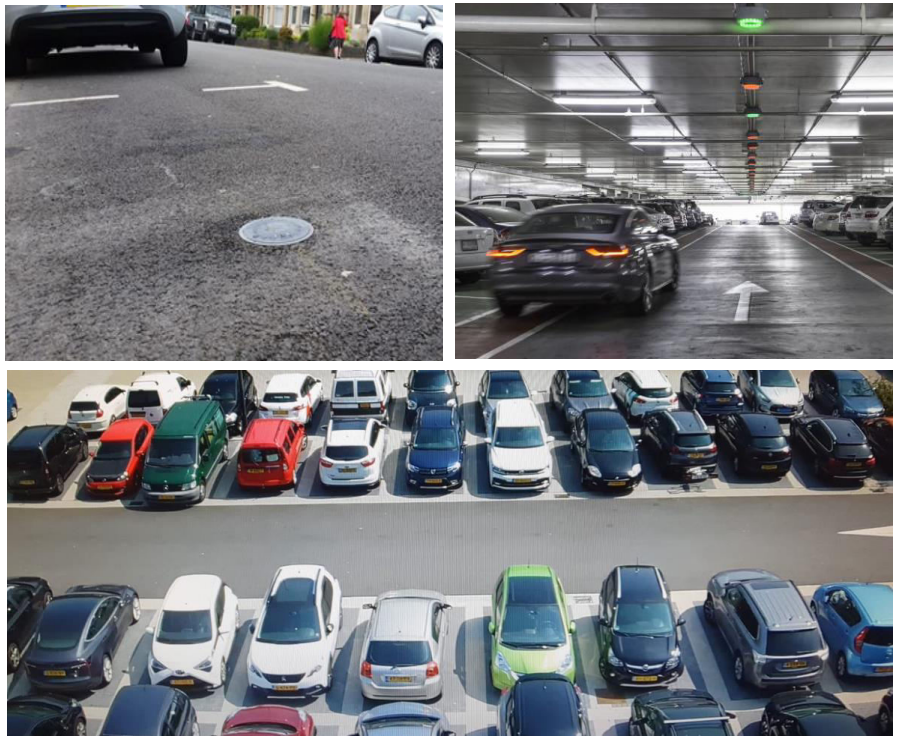
Single space detection

(Smart) sensors based

- In-ground sensors
- Camera/ vision-based sensors



Software (app) based

- Probability map-based space detection
- Community based detection

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New applications & technologies – (dynamic) occupancy information

- Mobile paid parking
- Navigation apps
- In-vehicle sensor systems
- Kerbside management
- Urban Vehicle Access Regulations

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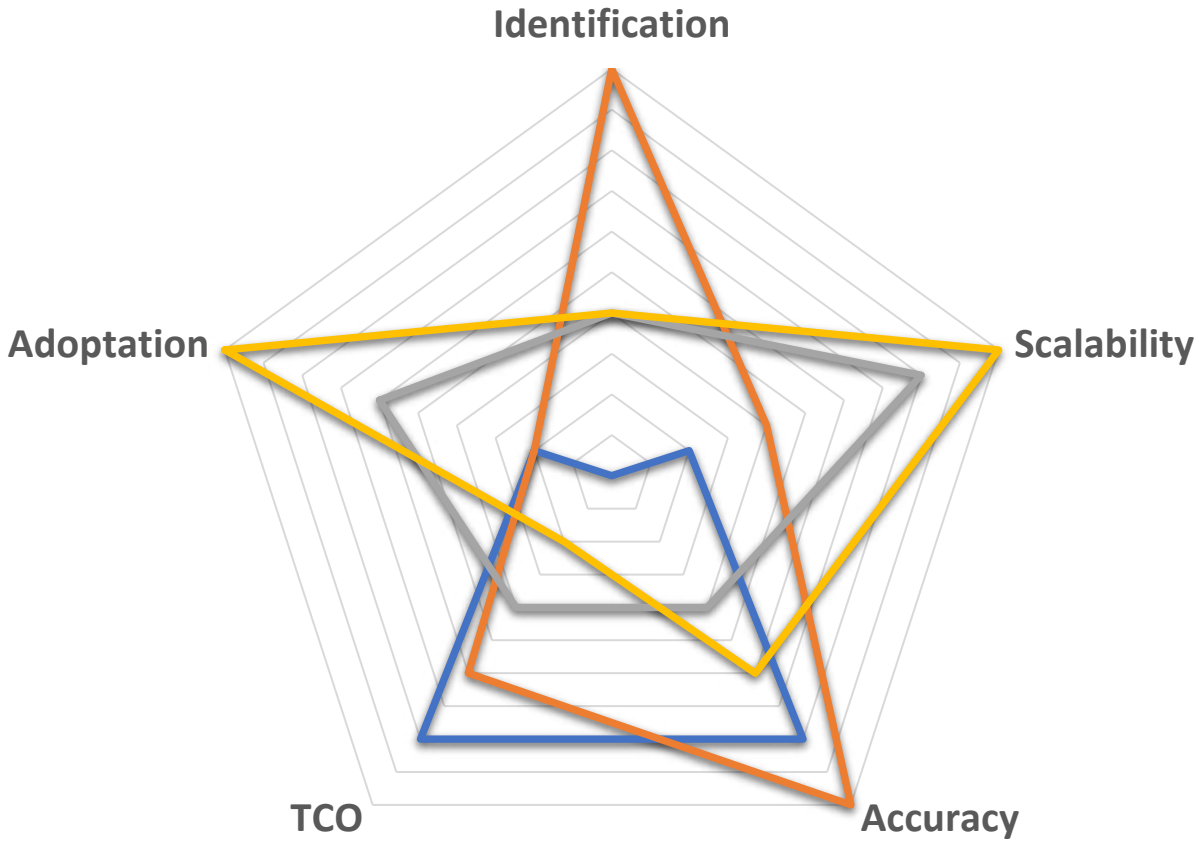
- In-ground sensors
- Camera-based sensors
- Probability map-based detection
- Community-based detection



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Recommendations

- Define requirements in line with your parking policy and objectives
- Include multi-channel communication
- Secure access to (open) dynamic parking data & interoperability
- Include connectivity with open parking data standards
- Assure data security and data privacy (GDPR)
- Evaluation of solutions on TCO basis

Contact

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