

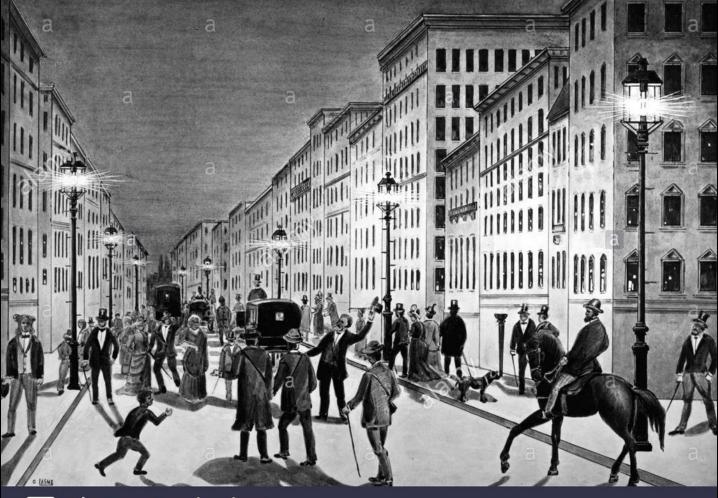
John Baekelmans MD & VP, imec











a alamy stock photo

BHDFPT www.alamy.com

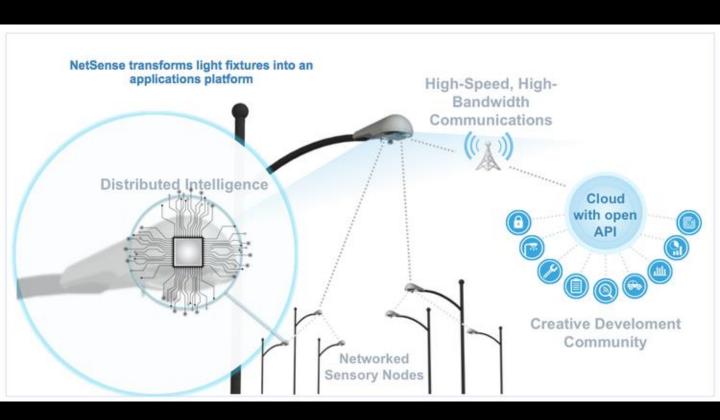




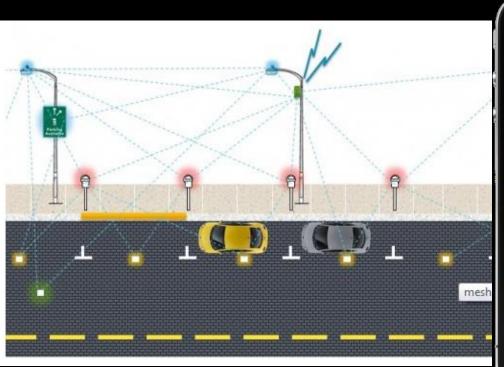


tonics Gn



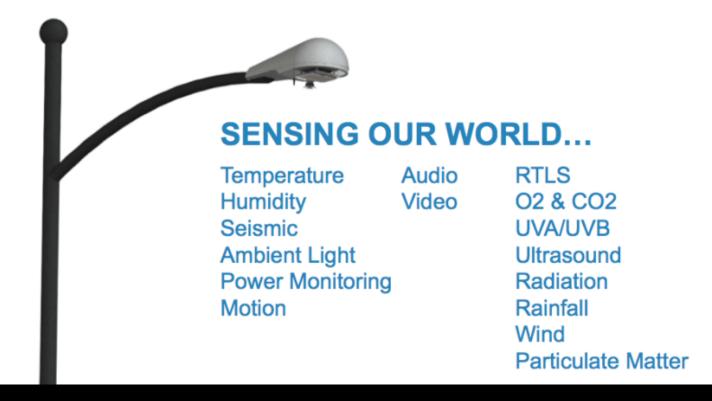


Smart Parking





Different types of sensors ...



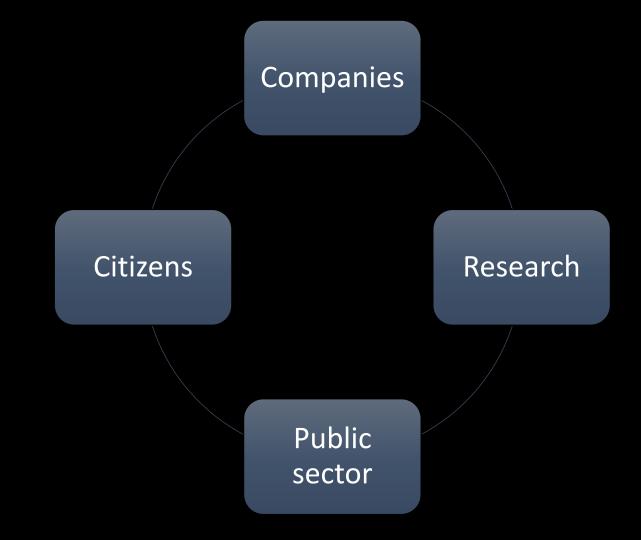
A clash of scales and timelines





2007 2005

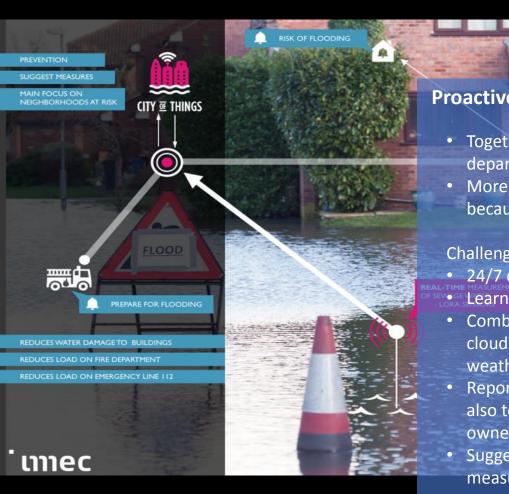












Proactive Flooding Detection

- Together with Antwerp Fire department
- More frequent flash floods because of climate change

Challenges:

- 24/7 detection
- Learning patterns: prediction
- Combining sensor data with cloud data as e.g. detailed weather reports
- Reports to professionals but also to impacted house owners
- Suggesting appropriate measure to house owners and emergency response teams



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