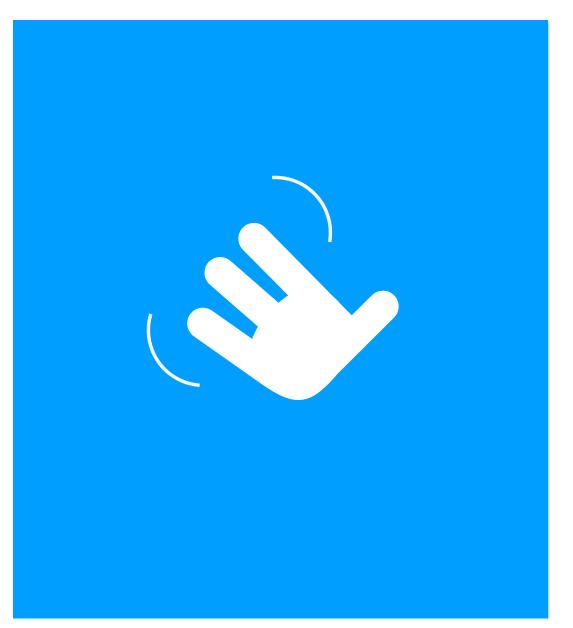


Best & next practices and Lessons learned from a global village





Frans-Anton Vermast

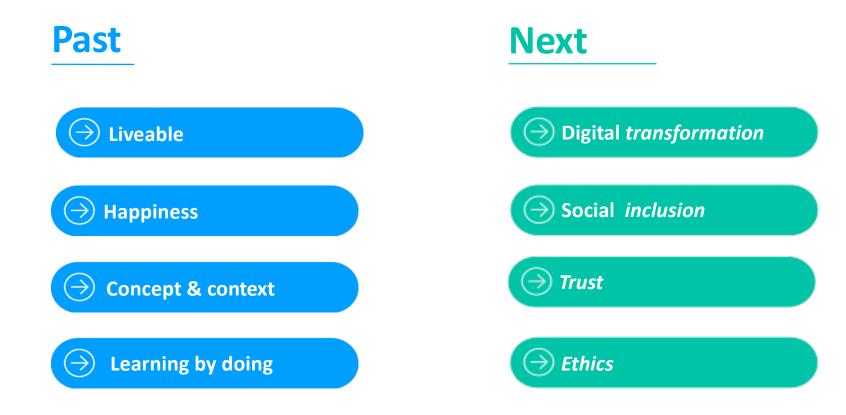
Strategy Advisor and International Smart City Ambassador Amsterdam Smart City

vermast@amsterdamsmartcity.com

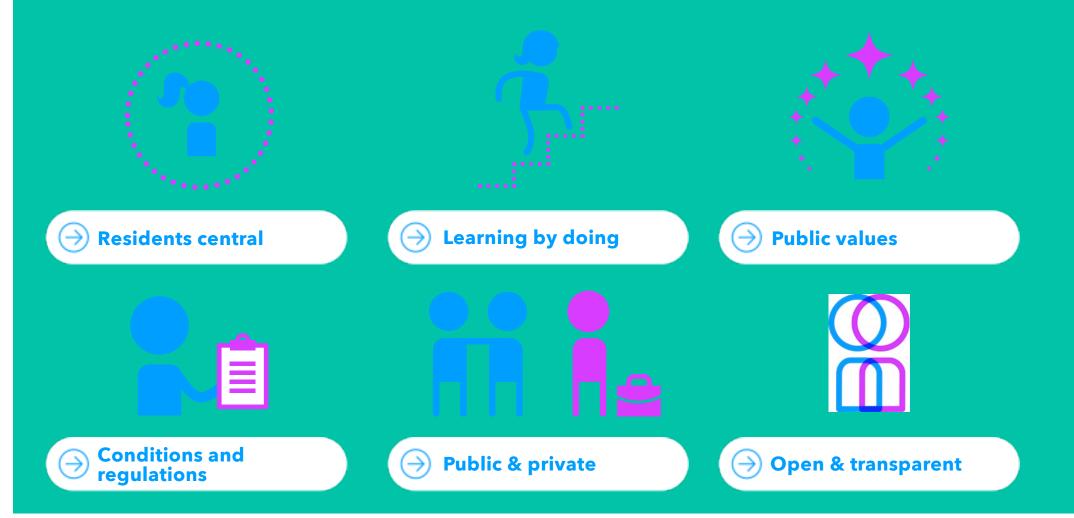
"If you want to change the game, stop following the rules!"

Sander Klous





Amsterdam Smart City – starting points





Expertise & citizen involvement











METABOLIC



Governments

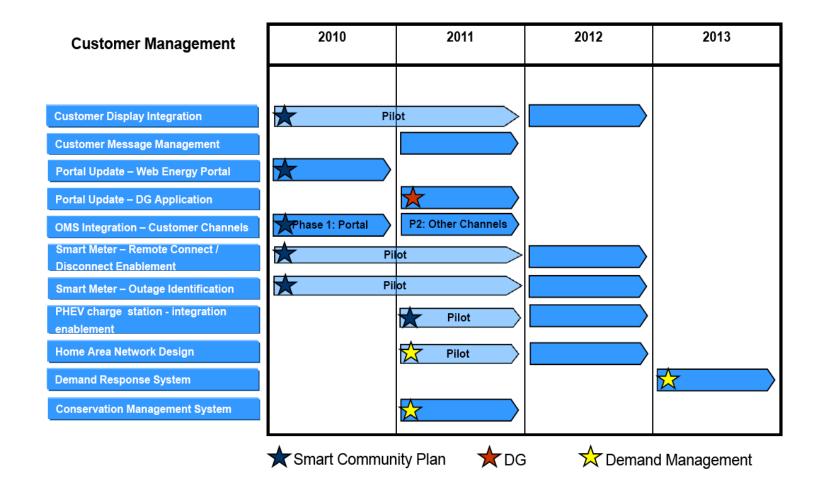


Knowledge institutions



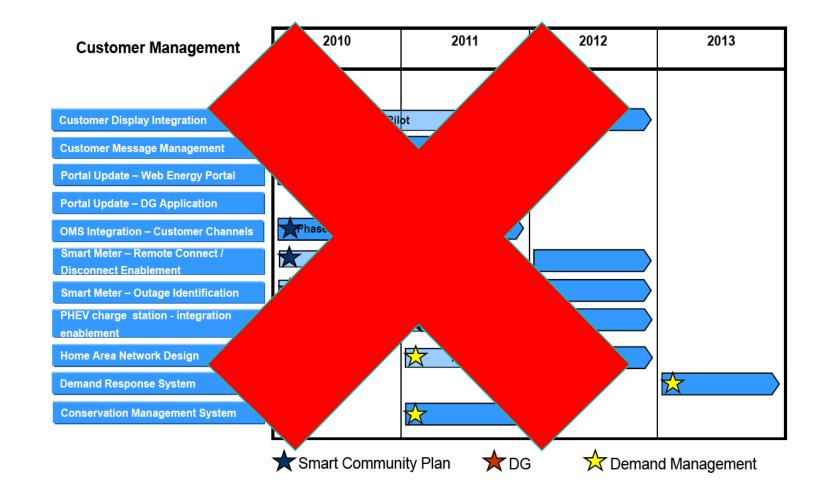


Smart City Strategy: Stop talking the talk



amsterdam

Smart City **Strategy**: Start walking the walk !!







Citizen platform Idea for your neighborhood



Increase citizen participation Hackathons Looking at different ways to enhance citizen involvement

Accelerating citizen engagement and bottom-up initiative

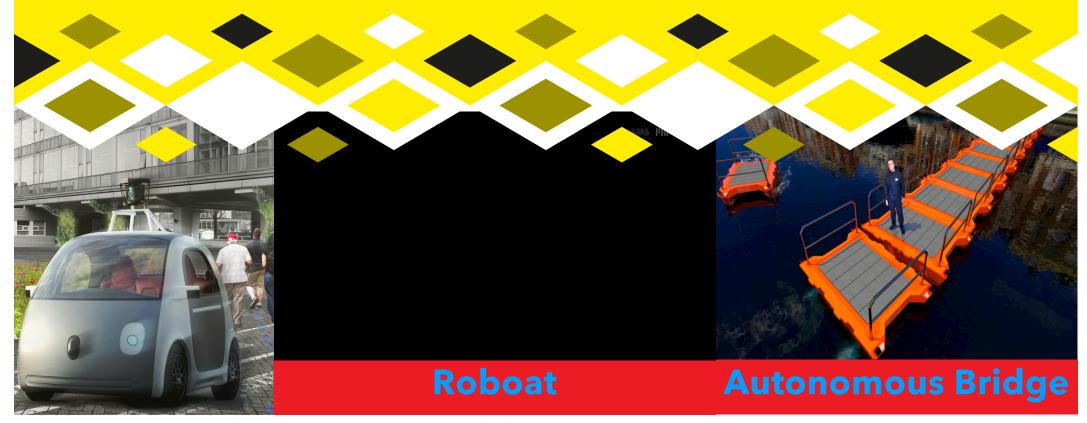
What are their wishes / needs?





Combine data and citizen needs Smart Citizen Kit

marineterrein amsterdam living lab



amsterdam economic **board**





ME SCIENCE MO MUSEUM



Amsterdam brings in 'bizarre' plan to ban all but electrical cars by 2030



World Capital of emissions free mobility

Extend local's life expectancy by three months (now one year shorter due to air polution

Gradually

- 2019 diesel cars < 2005 banned within ring road
- 2022

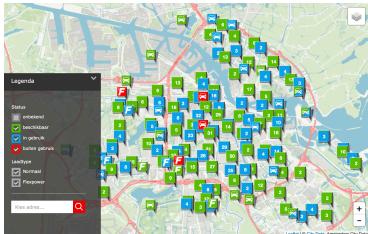
 first evaluation
 no busses / touring cars that produce
 exhaust emissions

<u>Source: https://www.dutchnews.nl/news/2019/05/amsterdam-brings-in-bizarre-plan-to-ban-all-but-electric-cars-by-2030/</u> Photo: DutchNews.nl

Parking and charging electrical vehicles



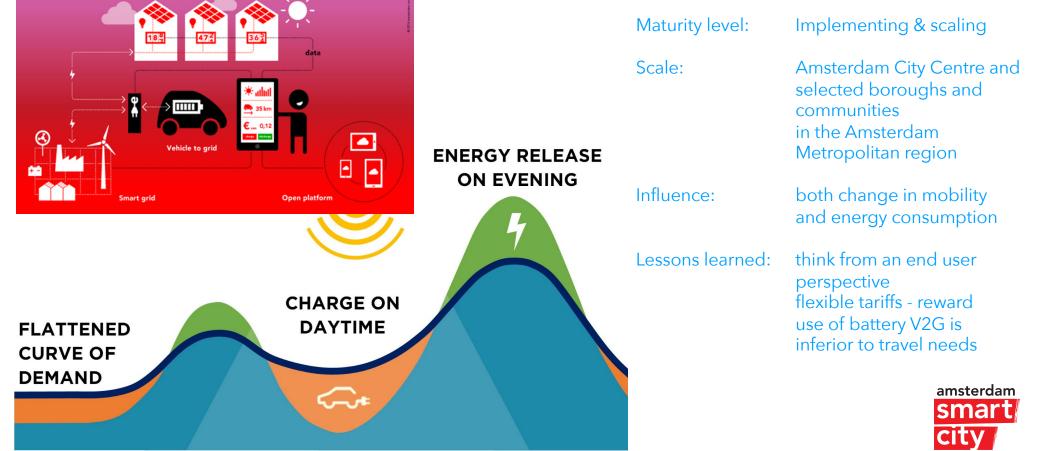




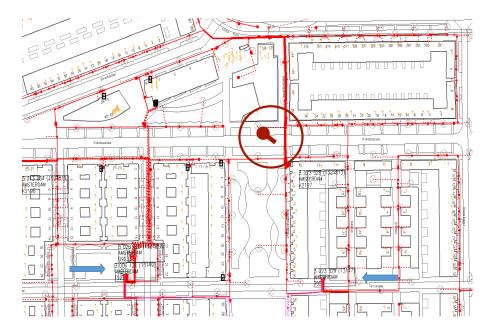
- more power between 21.00 and 06.30normal power between 06.30 and 18.00, or more in sunny weather
- less power between 18.00 and 21.00
- priority on the waiting list for a parking permit

Energy - Concept V2G Smart charging an discharging of eV's





Lessons learned V2G

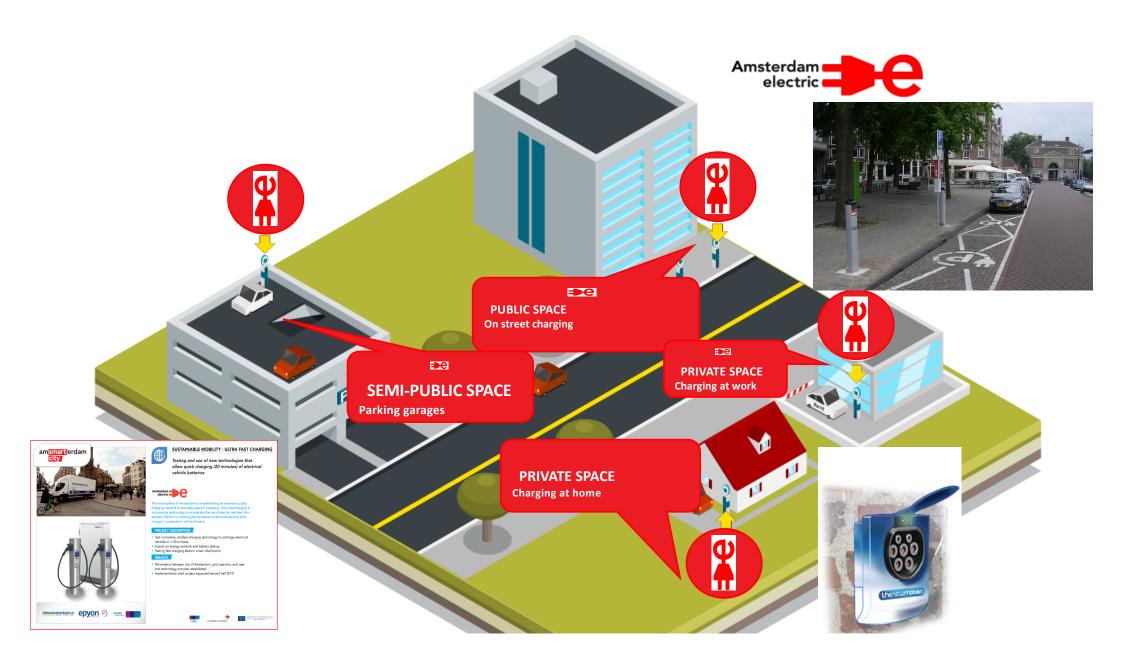


Vehicle to Community: Perfect location with respect to technology and PR, but difficult to find EV user nearby



Vehicle to Office:

- Essential to get parking space near the entrance and other EV charging points
- Grid with PV production is needed for measurements







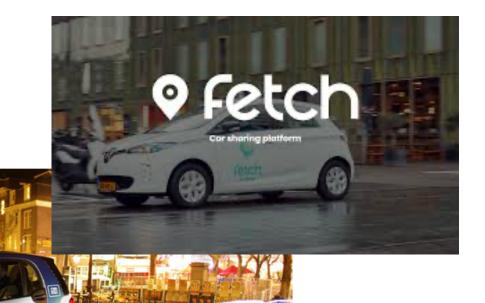


THE MOBILITY CONCEPT 2.0 OPERATING AREA EASE OF PARKING REGISTRATION FAVOURABLE FEES CORPORATE CUSTOMERS HOW IT WORKS MY CAR2GO FAQS PRESS









ELECTRICAL AND FLEXIBLE CAR USE IN AMSTERDAM.

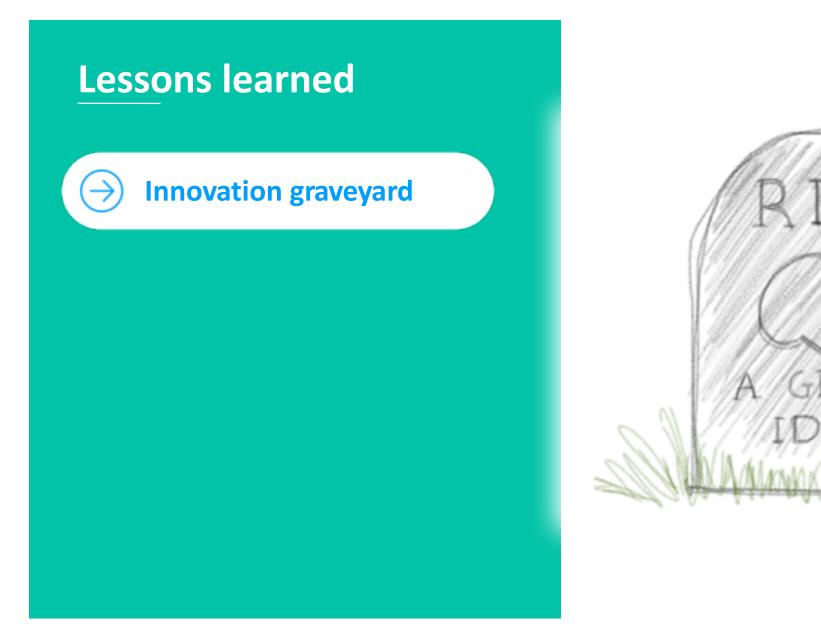
It's finally possible! Driving a car inside Amsterdam without the high costs of owning a car or the bother with parking. And with hardly any CO2 discharge.

Electric driving is going to get a big boost in the coming years, partly thanks to 'Amsterdam Elektrisch'. Logical, because it's cleaner, quieter and saves energy. No wonder that Amsterdam is the first city in Europe where 300 car2go electric smarts are used. Where you can now use them 24/7.

MaaS = €€ + Multinationals + Zuidasdok



Maturity level:	second pilot - 1000
Scale:	Amsterdam CBD 'Zuidas'
Influence:	Alternative ways of transportation Gamification
Lessons learned:	Signing up and signing in should be more simple as well as activation new roles - uncertainty Main criteria choice of transportation: comfort , travel time and availability

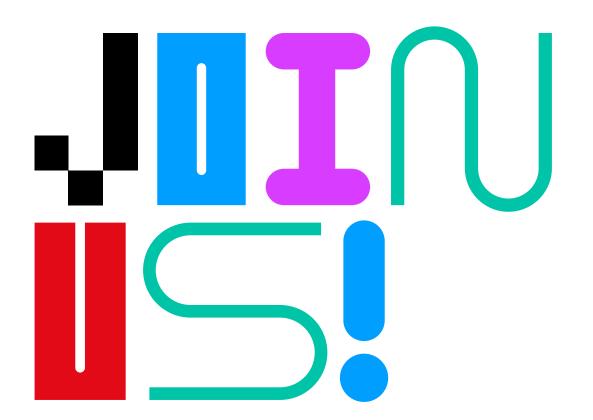


EAT

Top ten traits of successful smart *communities*



Why Amsterdam Smart City? Learning by doing Independent **ECO** - system not ego - system Impact **Public values**



www.amsterdamsmartcity.com/register