




Open data for Smart Cities

Thimo Thoeve
Stad Gent

thimo.thoeve@stad.gent
@thoeve

EUROCITIES
Innovating cities with nature
October 14th
Brussels

STAD GENT



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image: European Young Innovators Forum

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image: Beeldbank Gent

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Why do we open data?

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APPS

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To empower and inspire Smart Citizens to collaboratively solve their own problems

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To allow Smart Citizens to make informed decisions

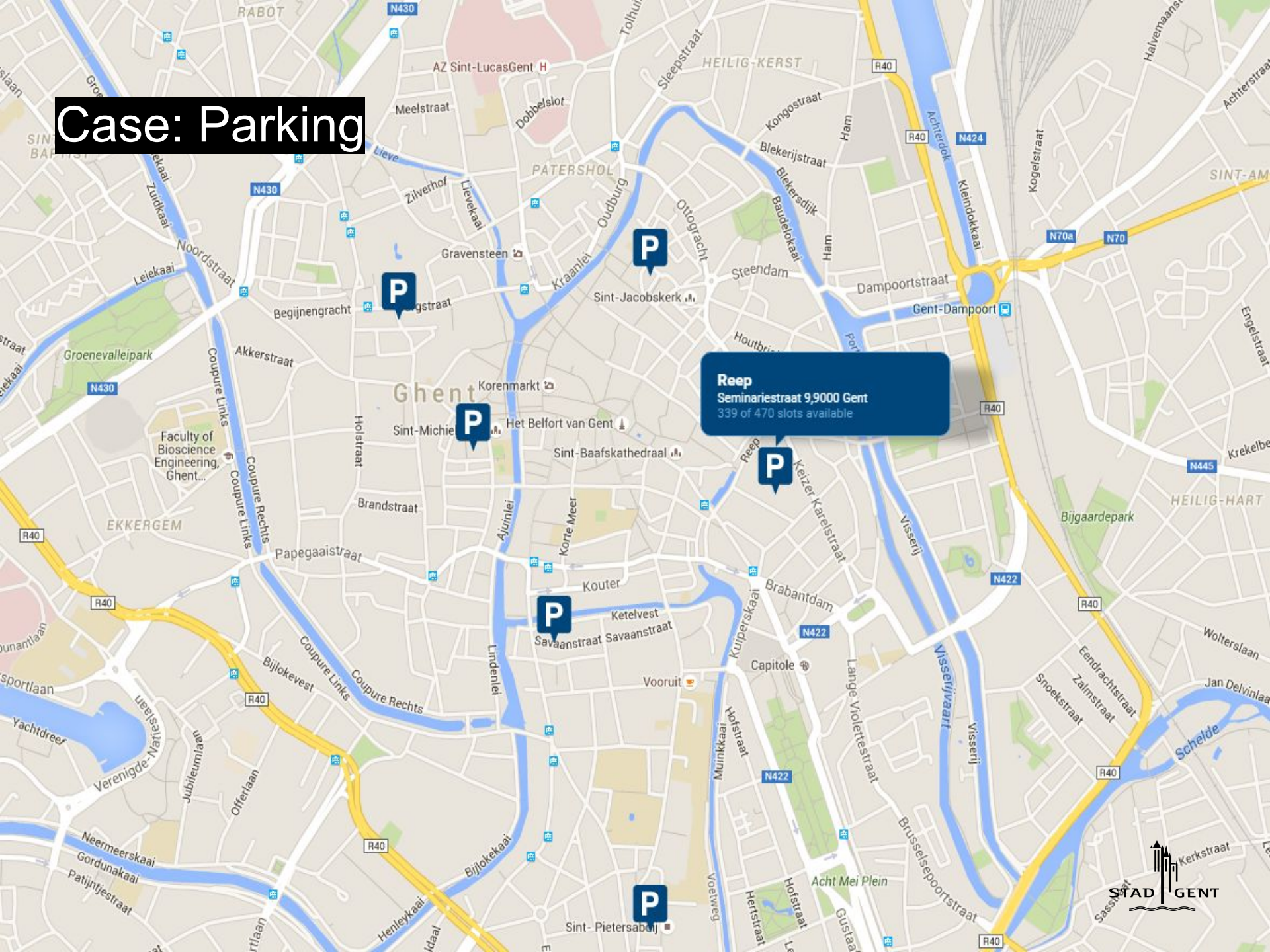
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To empower and inspire Smart Citizens to collaboratively solve their own problems

To allow Smart Citizens to make informed decisions

To enable the co-creation of policy in a data-driven way

Case: Parking



Reep
Seminariestraat 9,900 Gant
339 of 470 slots available

Case: Parking



image: Panoramio, Peter Maes

Case: Parking



Case: Parking

Focus group (“data dive”) with developers, data providers, civil servants, inhabitants

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Defining a “parking route”

Case: Parking

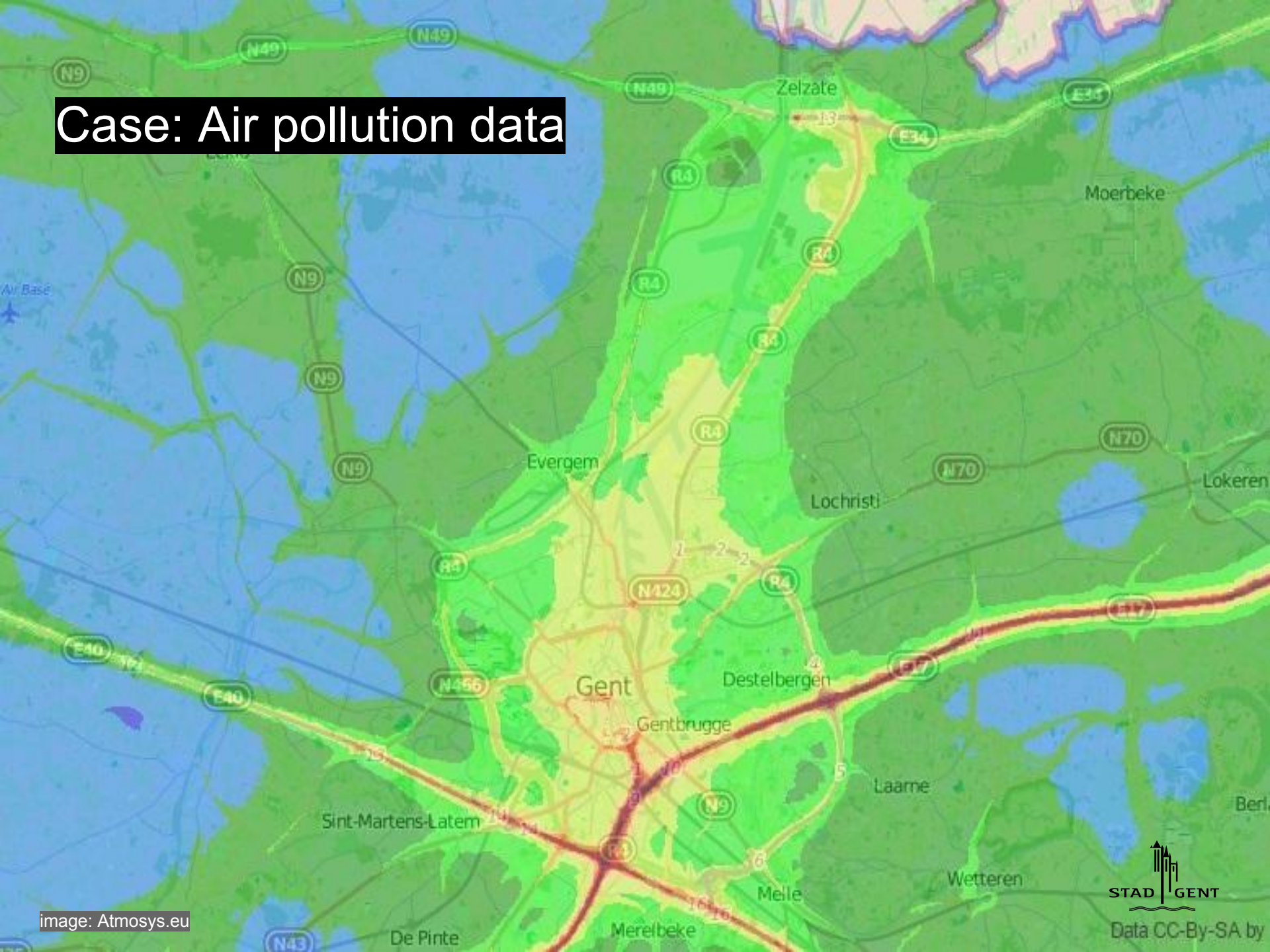
Focus group (“data dive”) with developers, data providers, civil servants, inhabitants

Defining a “parking route”

Publishing a set of waypoints to follow as a part of the parking API

Q: How to avoid data “misuse” and implement policies on top of open data?

Case: Air pollution data



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A local group of makers wants to design portable air quality monitors



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Off-the-shelf (cheap) sensors provide very rough measurements

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How to calibrate and align with official figures



Q: How to support citizen science projects and avoid data misinterpretation

Case: The Things Network

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IoT provides tremendous opportunities for new personalized services

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The Things Network provides a bottom-up crowd-sourced way of installing a LoRaWAN

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Does additional radiation pose new health risks?

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Q: to what degree should City Hall interfere with crowd-sourced connectivity initiatives