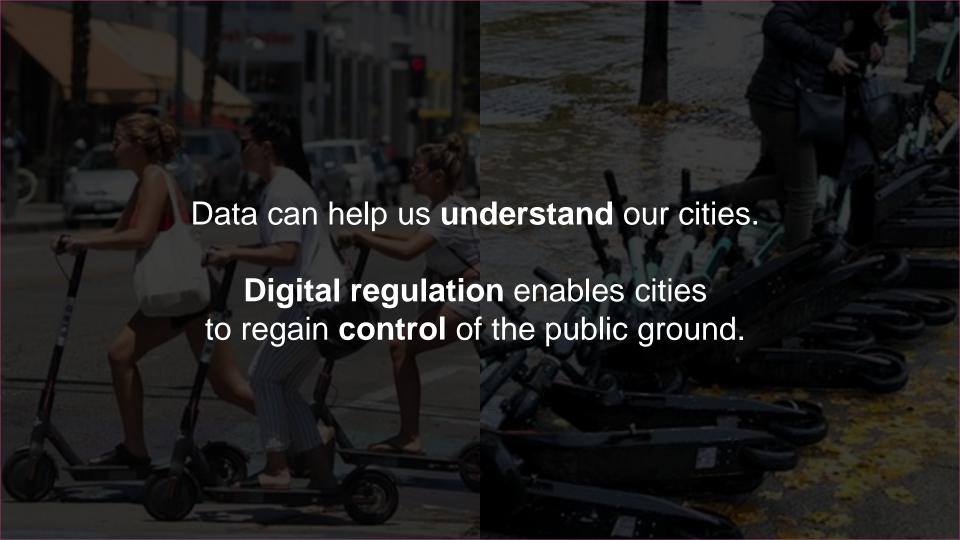


Nivel delivers a digital regulation tool to help cities take control of the public space. Smart, dynamic regulation makes cities tidier, safer - with better mobility

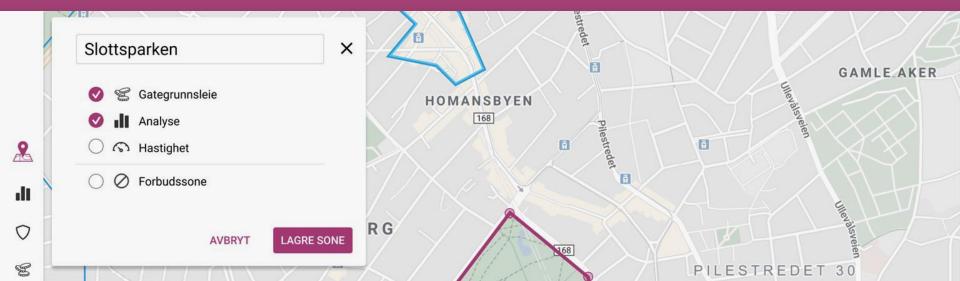




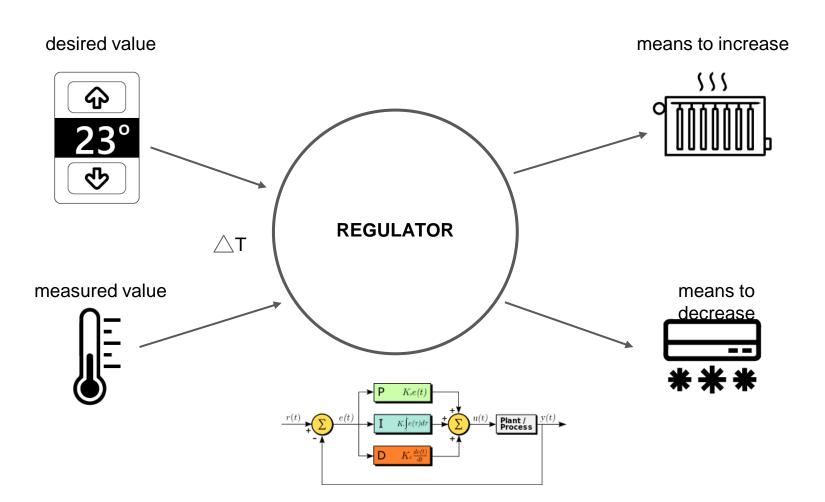
Nivel:

A Norwegian govtech-startup delivering digital regulation tools for local governments.

First thing to be controlled: shared e-scooters



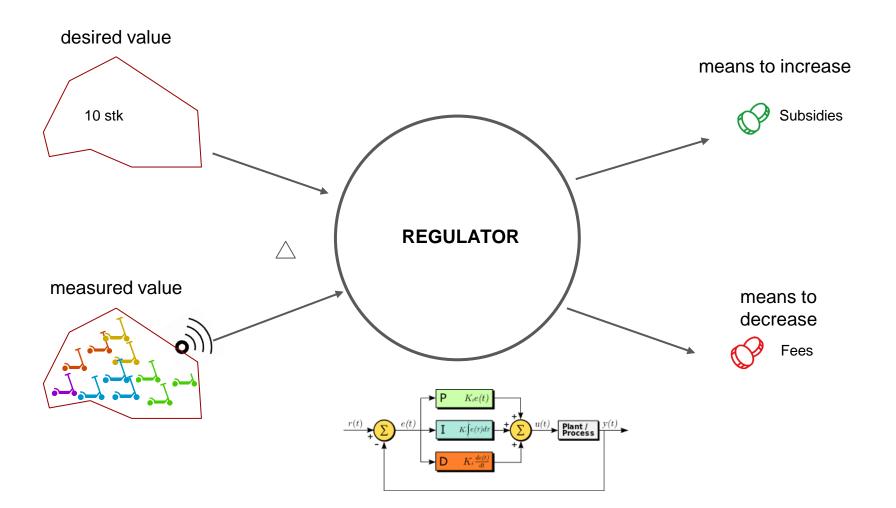
There are commons ways of regulation:



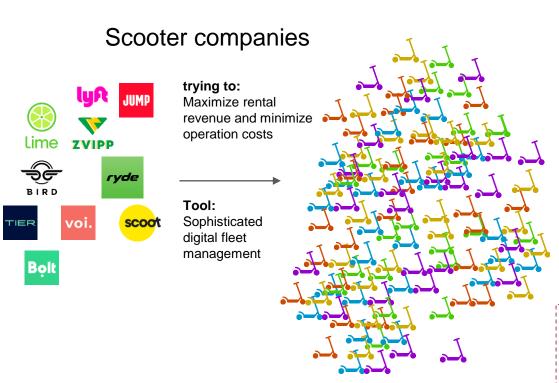


We are used to public space fees

With **digital regulation** we put shared **data** - and **microtransactions** - to work



Situation today:



Local authorities

trying to:

Minimize negative impact on society in general, while supporting positive impact.

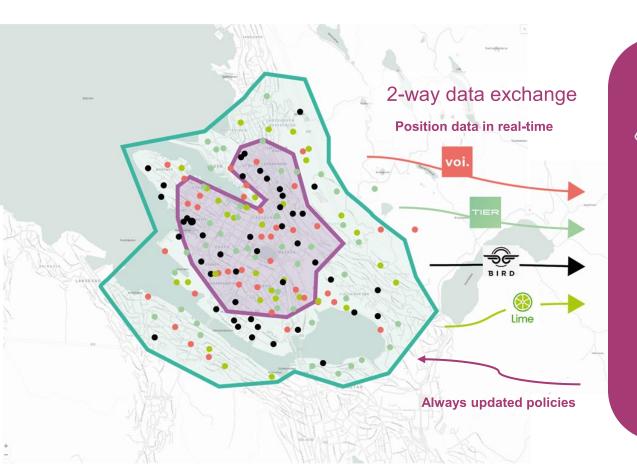
Current tool:

Simple analogue rules

with Nivel Regulator:

Sophisticated digital regulation powered by real-time data, a smart algorithm and economic incentives.





Nivel Regulator tool



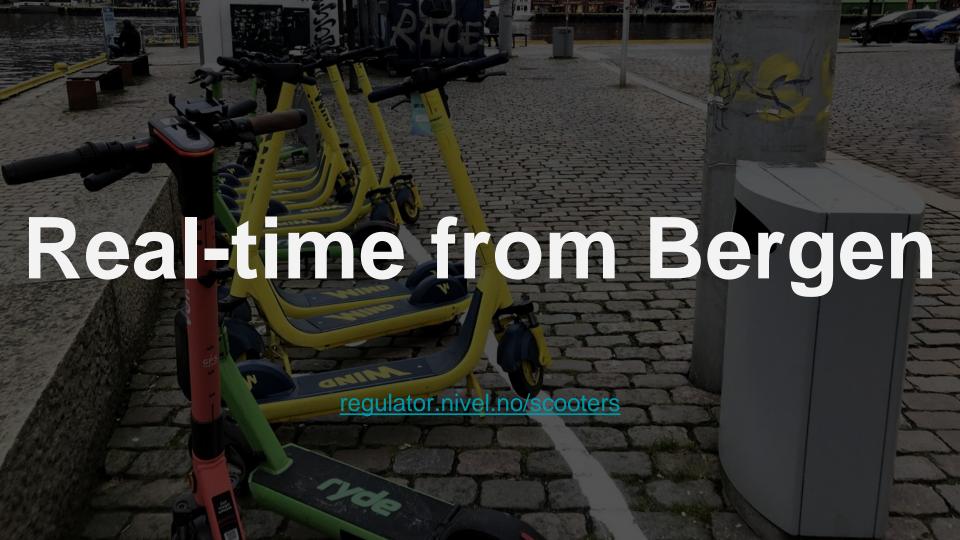
Calculates fees - or subsidies

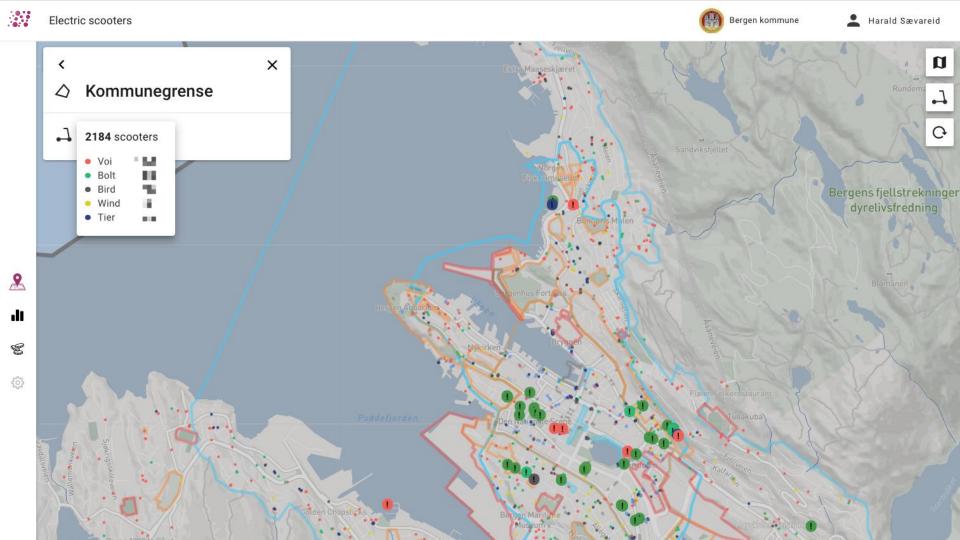


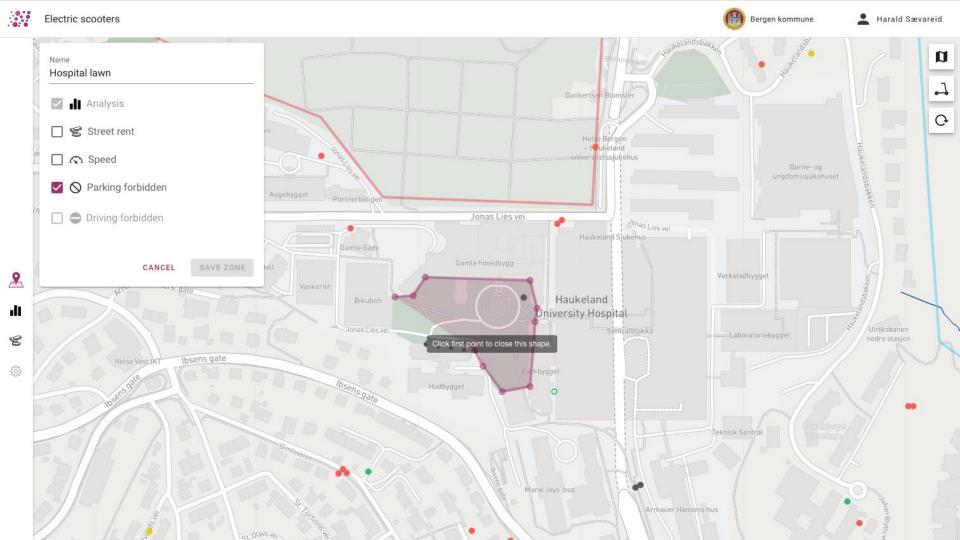
Zones, rules, fees

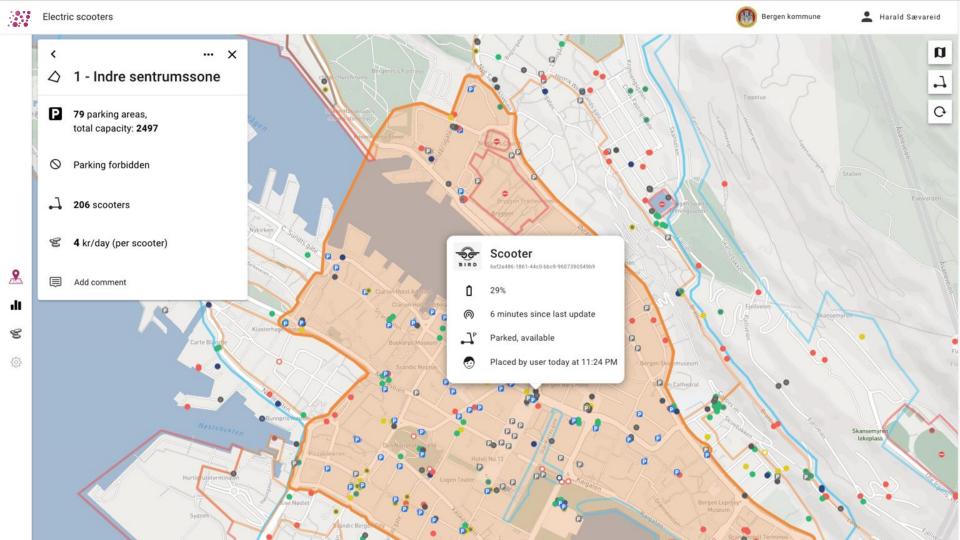


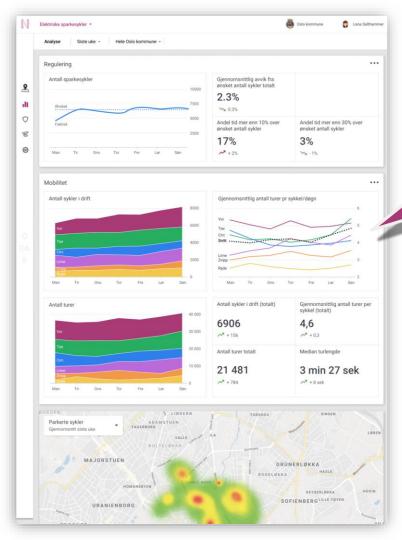
Analytics





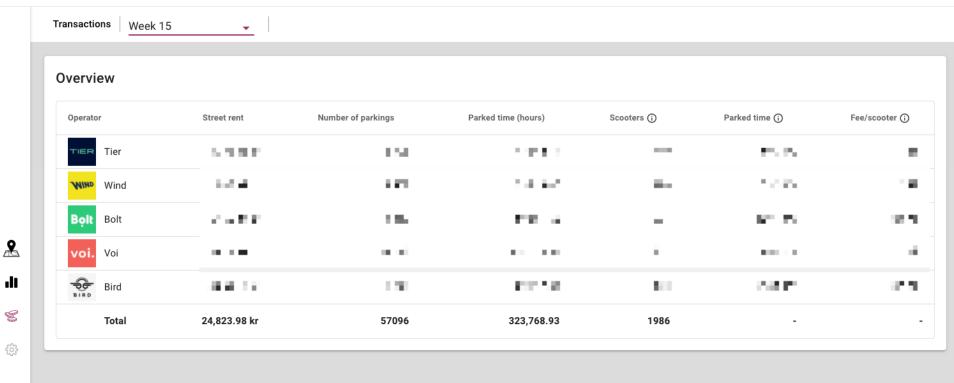






More analytics in the pipeline

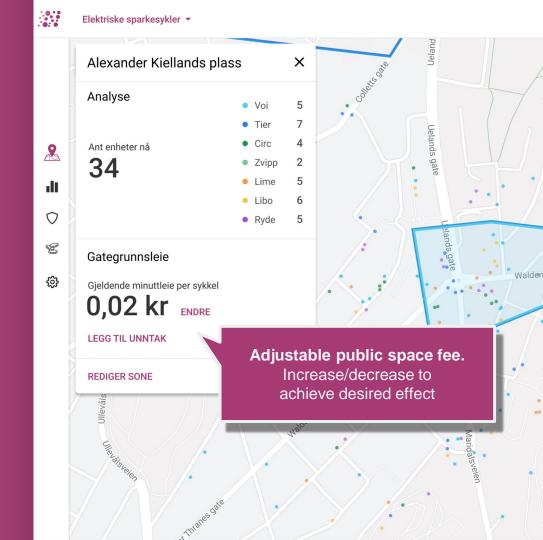




Cities struggles to develop scalable, efficient digital solutions.

Nivel Regulator

A standardised, userfriendly tool for city administrations, flexible enough to cater for local differences.



Mobility Data Specification

Information Briefing

October 31, 2018

Introduction

Similar to a common language, the Mobility Data Specification (MDS) gives cities an elegant and cost effective tool to actively manage private mobility providers and the public right-of-way. MDS allows cities to collect valuable insights through a shared data vocabulary and to communicate directly with product companies in real time using code. Today, it enables cities to manage dockless scooters, bikes, taxis, and buses. Tomorrow, that could be autonomous cars, drones, and whatever else the future may hold.

Standard Data Sharing

In Los Angeles, permitted shared use mobility providers (like scooters and bikes) must provide real-time information about how many of their vehicles are in use at any given time, where vehicles are at all times, and the physical condition that vehicles are in. Additional information includes:

- Parking Verification
- Operating Cost
- Customer Cost
- Vehicle Utilization

- · Percent Battery Charge
- Start Trip Data
- End Trip Data

Data sharing, based on MDS by OMF

Applications

The MDS is based on a set of Application Programming Interfaces (API). APIs are the underpinning of the modern mobile internet. APIs help get data to and from your mobile device to the backend system of a mobile service you might

Data with impact

Control, not just understand.





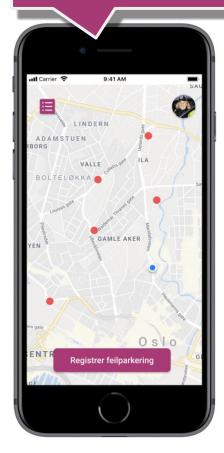
Better competition on equal terms

Poor parkings

Reporting vs removing

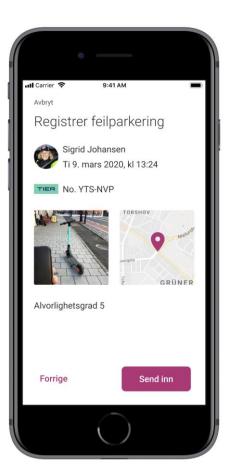
- with close data integration

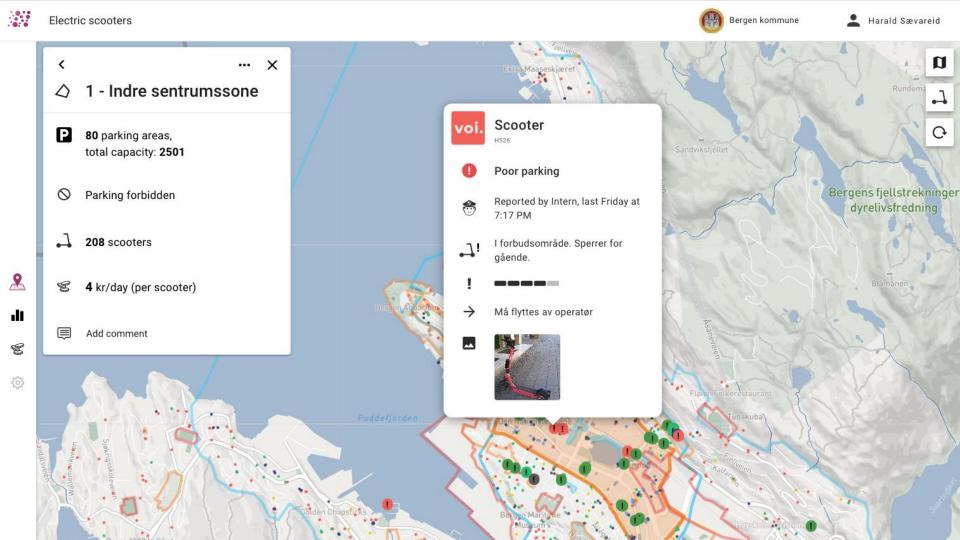
App for reporting poor parkings, to be used by both public and parking guards











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Next steps

- 1. Funding is in place to scale international expansion.
- 2. Launching app for poor parking to public users.
- Improved position data.
- 4. Tighter integration with public transport.



Sparkesykkel-giganten håver

Sparkesykkel-giganten håver

inn 2,4 mill. per uke i Oslo

Det avten med famillen lægen

Igiganten Voi er overrasket

Inns appetitt for

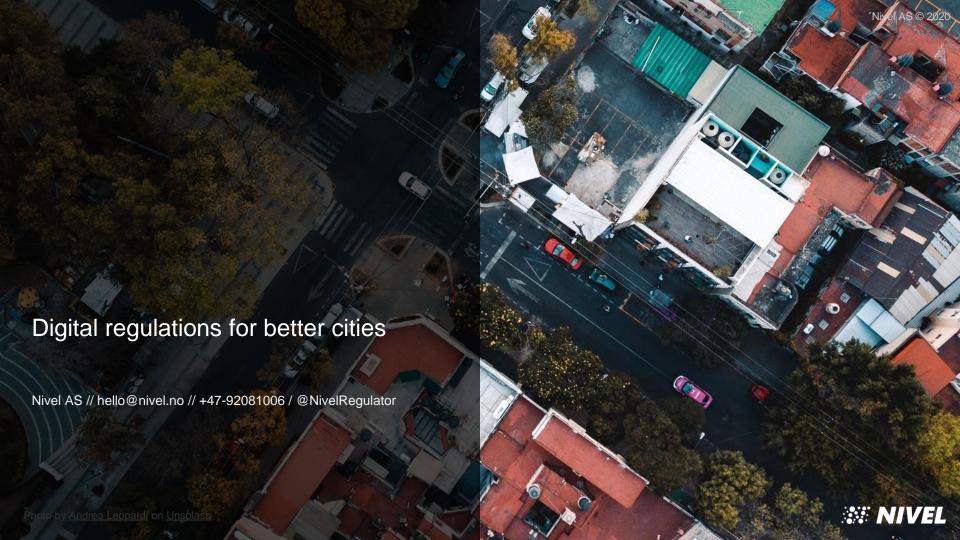
Inns appetit for

Inns appetit

: Inc.

14 Months, 120 Cities
Billion: There's Never Bo
Company Like Bird. Is
World Ready?

-scooters are a controversial business. Don't experience of the control of the control



BACKUP SLIDES



En **nasjonal forskrift** i 2021, som spesifiserer kommunenes **eierrådighet**



§ 7-3. Tillatelse fra kommunen for allment tilgjengelige arrangement m.m.

Det er forbudt å benytte kommunal grunn til kommersiell eller ikke-kommersiell virksomhet, herunder uteservering, vareutstilling, lagerplass, arrangementer, markeringer m.m., uten skriftlig tillatelse fra kommunal grunneierrepresentant.

Cities struggles to develop scalable, efficient digital solutions.

Nivel Regulator

A standardised tool for city administrations, flexible enough to cater for local differences. The regulation also provides a substantial income to local authorities. Regulator costs are covered by a transaction fee to Nivel.

