



*Tools for a better Parking Management*

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Sint-Niklaas





Plannen en



# Parking capacity 2022

- ▶ 39.000 population (city centre)
- ▶ Capacity public parking **11.380**
  - on-street 10.324
    - Betalende zone 1.402
    - Pleinen 1.071
    - Blauwe zone 2.603
    - Niet gereguleerde zone 5.248
  - off-street 1.056
    - P Stationsstraat 196
    - P Grote markt 360
    - P Station 500
- ▶ Capacity private parking **21.926**
  - Eengezinswoningen 5.130 (3.318 won)
  - Meersgezinswoningen 3.343 (524 app)
  - Garageboxen 3.848
  - Private parkings 9.605
- ▶ On-street licence centre **5.859**
  - 1<sup>st</sup> 5.396
  - 2<sup>nd</sup> 463

# SUMP – targets



To optimize the parking space by using a guiding parking policy

What we actually want...

To use the available parking space more efficient  
by...

*Guiding the right car to the right place*



Hier komt een footer



Hier komt een footer



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## What we also want...

To improve safety and livability by avoiding  
*cruising and searching for parking*

by shifting on-street to off-street parking

## What we want - segregation parkings per user

► Lower capacity on-street parkings

- Inhabitants/visitors
- Visitors/inhabitants
- Visitors/Commuters



## What we have – 100 digital parking meters



## What we have – online parking products

### Full digitization of parking products

- ▶ Pay via app, website or text message for on-street parking
- ▶ Pay your fine
- ▶ Order parking prohibition signs
- ▶ Order subscriptions for on-street parking

## What we have - sensors



# What we have - sensors

## Shop & Go

- ▶ Quick shopping
- ▶ 30 minutes for free
- ▶ + 35 zones
- ▶ + 100 parking spots
- ▶ 26 sensors - occupancy & rotation



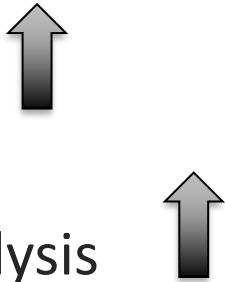
## What we want – to optimize enforcement



# What we want – more efficient enforcement

Scan car

- ▶ Ticketless
- ▶ Efficiency
- ▶ Data & analysis
- ▶ Smart City

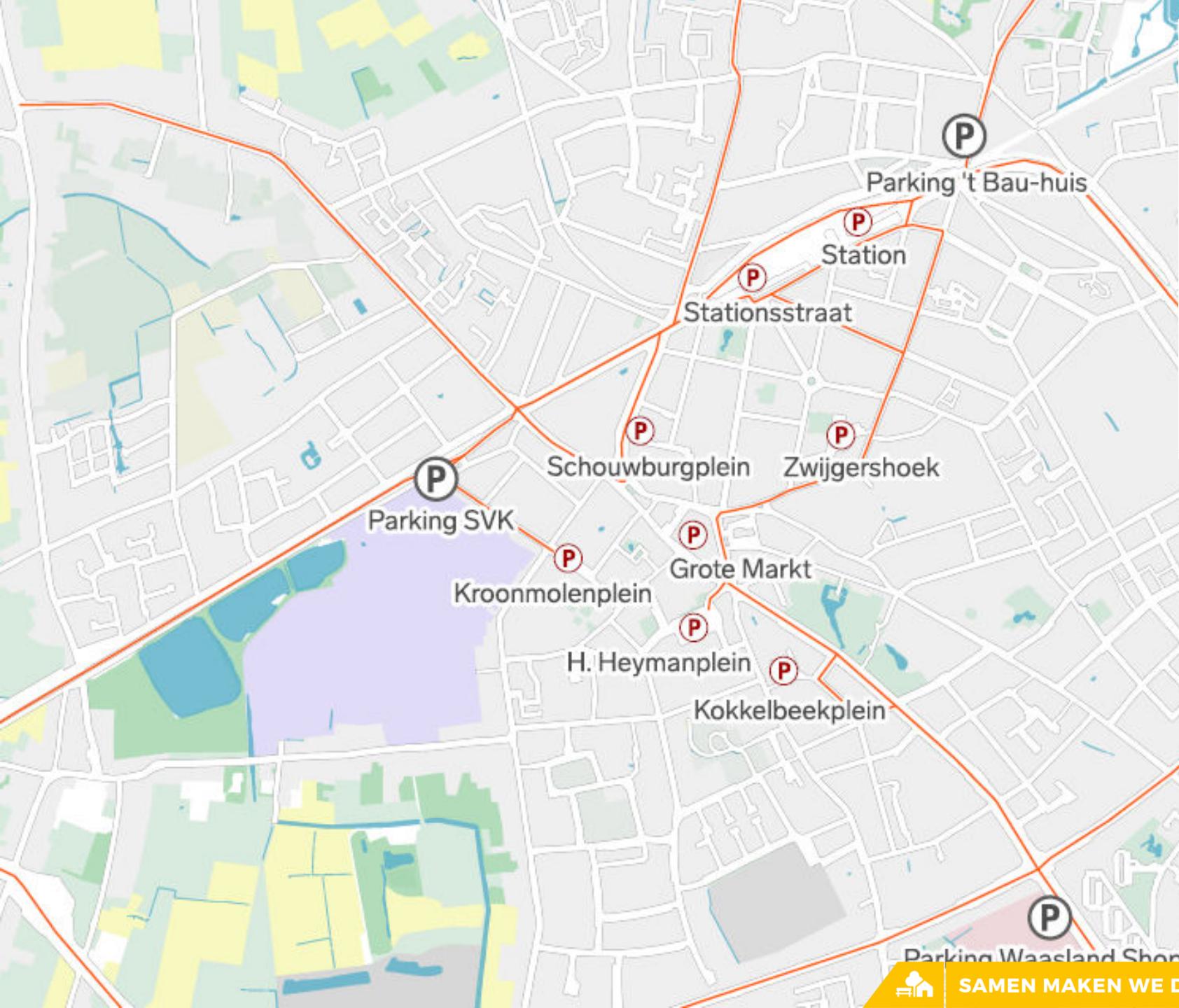


# Parkings



## LEGENDE

- Randparkings
- Centrum- en pleinparkings
- Buurtparkings



## PARKEREN SINT-NIKLAAS

Zone	Schouwburg	↑ vrij
Zone	Westerbuurt	→ vrij
Zone	Grote Markt	→ vrij
Zone	Stationsomgeving	← vrij

# What we want – a dynamic parking guidance system

How to steer your visitor or commuter?

- ▶ Guidance to the different parkings
- ▶ Occupancy rate
- ▶ Communication about prices
- ▶ Construction works and car accidents



# Are we future proof?

## Evolution to traffic management

- ▶ Measure, monitor and evaluate traffic flows, congestions, travel time and parking occupancy
- ▶ Dynamic control of traffic lights
- ▶ Dynamic speedharmonisation
- ▶ Real-time information via in-car app

# Are we future proof?

## Evolution to traffic management

- ▶ Integration of additional measurement systems (ANPR camera's, loop detectors,...)
- ▶ Links with systems of other cities and organisations (public transport,...)
- ▶ Mobility database with useful information and evaluation tools
- ▶ ...

## Contact details

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