



Probleemgericht werken  
aan High Impact Crime

## From Predictive Policing to Preventive Policing in Partnership

Bram van Dijk and Paul van Soomeren (DSP)  
(Marian Krom and Armando Jongejan NPN)



DSP



Ministerie van Justitie  
en Veiligheid



Brussels - Belgium  
EUCPN, April 28<sup>th</sup> 2022

# Start 2018: Horizon 2020 Cutting Crime Impact (CCI)



## The start – From Predictive Policing to Preventive Policing in Partnership

- ▶ Start focus Area: Predictive Policing & High Impact Crime (HIC)
- ▶ CAS (Crime Anticipation System), PreMAP (Germany), etc.
- ▶ Systems not really used at police work floor
- ▶ Predictive Policing: ethical, legal and social problems
- ▶ Police only system (police info in → police action out)
- ▶ There is more info available from other stakeholders + more action

In short: predictive policing sucks

*“...Really looking at which stakeholder can best intervene.  
Who has the best info and perspective for action...”*

(Public Prosecution, interview July 2019)



# The Tool: SAPE

- Scan/prioritise
- Analyse
- Plan/execute
- Evaluate

The Tool  
**A Problem-oriented  
approach to tackle  
High Impact Crime**

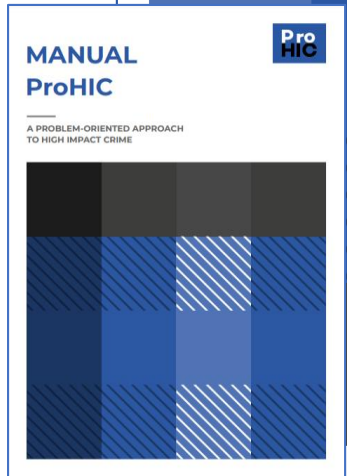
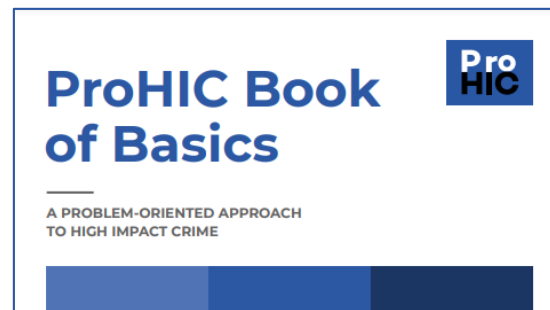


Five ingredients key for tackling HIC

Intelligence-led security	Civic participation	Management via the triangle	Use of available knowledge	Problem-oriented approach
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# The Tool – Tool components

- Book of Basics
- Manual
- Website [www.prohic.eu](http://www.prohic.eu) including 400 Pearls of Knowledge (60.000 downloads in one year)
- Flyer + Poster
- Teaser
- Infographic



**De ProHIC aanpak bestaat uit**

- Vier samen te nemen stappen (SAFE): Signalering, Analyse, Plan van aanpak en Evaluatie
- Dit is een continue aanpak van HIC te nemen, zijn vijf ingrediënten van belang:
  1. Sluring door de draadboel
  2. Contact maken van beschikbare kennis
  3. Informatie Geestuurde Veiligheidszorg GGG
  4. Burgerparticipatie
  5. Probleemgerichte werken, SARA/SARIC

**De ProHIC aanpak wordt ondersteund door vier instrumenten**

- Een Handreiking met Basisboek
- De website [www.ProHIC.nl](http://www.ProHIC.nl)
- Meer dan 250 Kennisparis
- Promotiemateriaal



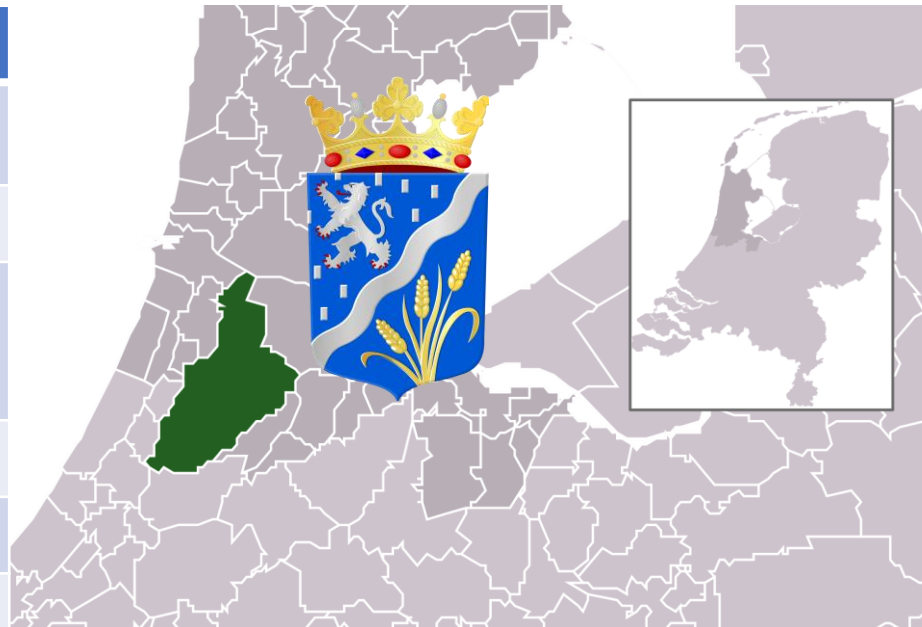
# Demonstration



## Demonstration – For end-users in municipalities and police

- ▶ E.g. Demonstration activities in Haarlemmermeer  
8 November 2021 (digital)
  - One neighbourhood
  - Combined analyses by police data and data municipality

Agency	As
Municipality	Policy maker - Public order and safety for theme HIC
Municipality	Analyst public order and safety
Police	Local base team police – theme HIC Responsible for communications with municipality
Police	Intelligence – Analyst
Police	Intelligence – Analyst
Police	Intelligence – Analyst
Police	Intelligence – Analyst (Analyses & Research)

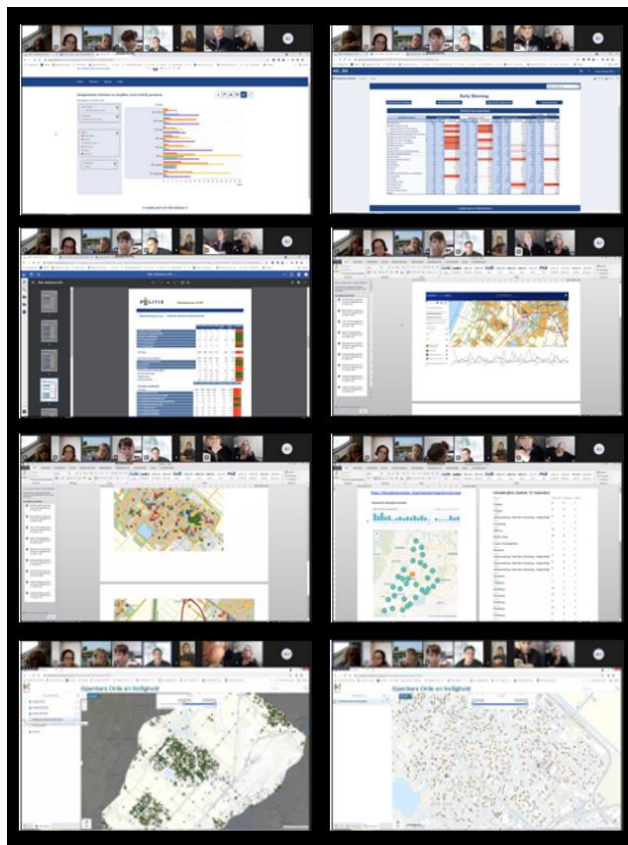






# Demonstration – End-users Haarlemmermeer

- Data from police and municipality + filled in exercise sheets



**Ga na/ Vul in**

60

Voor u verder gaat, ga eerst na...

Over welke driehoek hebben we het? Wie?

Om Noord-Holland gemeente (burgemeester) Haarlemmermeer politie (team chef) Haarlemmermeer

2. Is er een HIC-projectgroep en zo ja wie nemen daar aan deel?

Ja  Nee

Tactisch overleg met: handhaving (beleidsadviseur gemeente) Jetty & Lauze ← OOI (gemeente), politie (AS-A), J. Meese (stakeholder), gebiedsmanager, Om (sluit nocht aan)

3. Is er door de driehoek en projectgroep (of door anderen) een meerjarig beleid ten aanzien van HIC vastgesteld? Bijvoorbeeld in het kader van een bredere afweging van het totale plaatje van de lokale criminaliteit in de gemeente

Ja  Nee

plan t/m 2022. Integrale Veiligheidsbeleid - grondige - hot spot gebieden (structureel / ad hoc) - analyse samen - maatregelen maatregelen - gemeenten & streekwiel - wadnoc > bv ook schouwen

4. Zijn er in uw gemeente (grote) problemen met HIC vastgesteld? Zo ja welke? Kort in trefwoorden omschrijven.

Ja  Nee

Vooral jeugd overlast (ook slecht incidenten) wat officieel niet onder HIC maar HIC zit in criminele casierree van jeugd. Verder woning inbraak inbraak inbraak inbraak

5. Wat zijn daarvan de gevolgen? Kort in trefwoorden omschrijven:

(Gemeente) veel meldingen jeugd, men voelt zich vooral 's avonds onveilig.

Woning inbraak maakt vooral de ouderen

61

6. Is bij deze vaststelling gebruik gemaakt van

- politiegegevens;
- scan;
- data portal gegevens;
- early warning.

Ja  Nee

Verschillende gegevens/bronnen zijn opgeaad pleegd. Gemeente heeft een (kwaad)stelsel met combinatie van politie cijfers en gemeentelijke cijfers

7. Is er een afweging gemaakt over de ernst van de HIC delicten? Zo ja gaarne kort in trefwoorden omschrijven:

Ja  Nee

Hee woedt voor de nieuwe plannen nog over nagedacht. Men wil HIC bepaalde pakken en ook afbreuk nemen hier als veel voorlopige criminaliteit (veel) onder taken vallen.

8. Is er globaal aangegeven wat ten aanzien van deze probleem bereikt zou moeten worden? Zo ja gaarne kort in globale doel formuleringen omschrijven:

Ja  Nee

9. Is er samen met genoemde partijen op basis van degelijke en betrouwbare gegevens een prioriteit aangegeven (wat pakken we samen aan)?  Ja  Nee Welke prioriteiten?

10. Is er een en ander - inclusief de instelling van een projectgroep - helder gecommuniceerd aan alle betrokkenen en de inwoners en organisaties in uw gemeente (of de desbetreffende wijk/gebied)?

Ja  Nee



## Demonstration – Conclusions & insights

### ► Tool function

There is not a lot of new information, but it does provide some means to do things differently or better.  
*Municipality*

It helps to put everything on high alert again  
*Municipality*

It's nice to have been able to share some intelligence/information (sources) with each other.  
*Municipality*

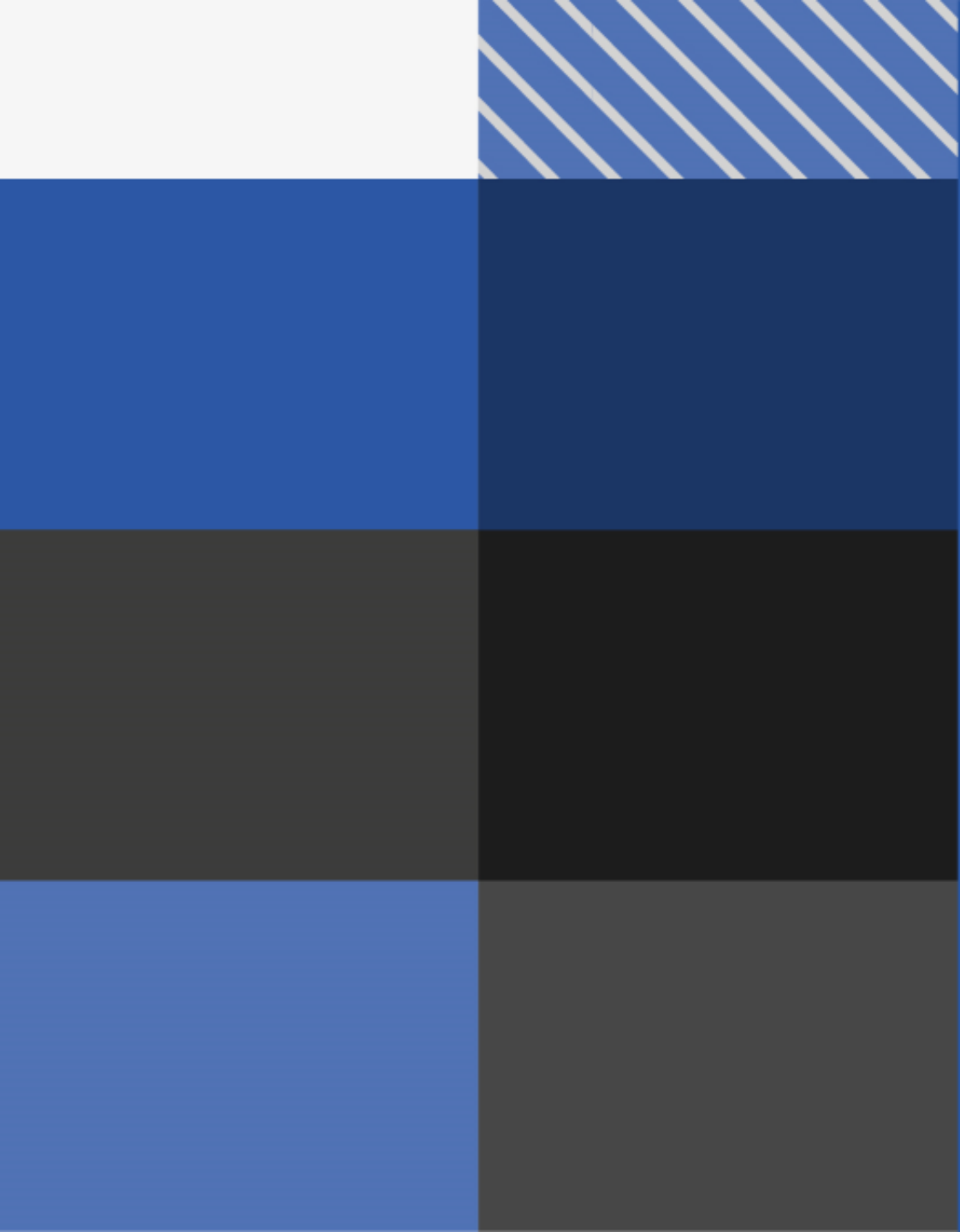
I'd like to take a look at this further with the intelligence colleagues - *Police*

I'm wondering how I can take this further, because I would like to.  
*Police*

I have some concerns about the capacity issues and the investment of partners. - *Police*

It helps to know what we can or should pay attention to in the processes  
*Municipality*

The demonstration of this tool was new, the content and theme of the tool wasn't. I'm really happy we got to meet in this setting and to see what municipality has to offer. - *Police*



From  
Implementation  
to Exploitation

## Implementation

- ▶ Local Implementation workshop  
3 November 2022
- ▶ Lunch webinar
- ▶ 38 specialists from different departments  
local police/intelligence/crime investigations/staff
- ▶ ProHIC and CrimeQuiz
- ▶ Facilitated by local Police Academy for Investigations



## *Knowledge quiz question 10 (example)*

*For which kind of interventions exist the most scientific proof that the intervention is really effective?*

*A: Approaches by the police*

*B: Reduction of recidive (offenders re-offending)*

*C: Locking up offenders (prisons)*

*D: Crime prevention through opportunity reduction*

## Implementation - exploitation



▶ National Implementation workshops – Q3+Q4 2021 (several dates)

- ▶ Leiden University have integrated ProHIC into their curriculum for the MSc Criminology (2021 and beyond: 2022, 2023 etc.)
- ▶ 30+ master students Leiden (future end users)
- ▶ 6 groups of students learned how to use the ProHIC approach (Manual, Book of Basics, Website, Pearls) and implemented ProHIC in 6 different cities to different HIC issues and were supervised by university, DSP, practitioners from police and municipality
- ▶ Six different groups scanned, analysed and planned action for six cities (and 6 different types of High Impact Crime)
- ▶ See plan to tackle problems with robberies of shops/stores (following the ProHIC approach)



Universiteit  
Leiden  
The Netherlands



### Gewapende winkelovervallen

Een (fictief) beleidsplan voor de aanpak van  
winkelovervallen in de gemeente Almere

30 november 2021

Geschreven voor het vak Veiligheidsbeleid  
onder begeleiding van J.M. Elbers en S. Van de Poll

Marjet Vermeij s1976702  
Carlijn Binnendijk s1805665  
Suzanne van den Oever s3368386  
Robin Douwenga s3379493  
Eline de Vries s1930524



## Implementation/exploitation

- ▶ Distribution of Book of Basics (Q3, Q4 and 2022 etc.)
  - ▶ Available online (English and Dutch version, including hyperlinks)
  - ▶ Published through Boom criminology (English edition by Eleven)
    - ▶ Most renowned publisher in criminology in The Netherlands



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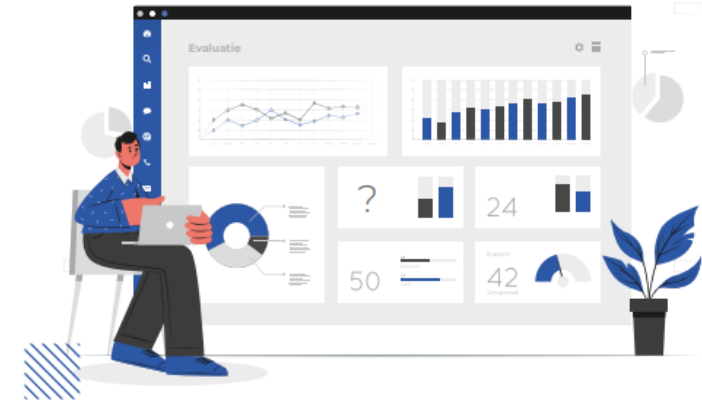
Jouw selectie: [Zoekterm: prohic](#) [Alle filters wissen](#)

**Basisboek ProHIC**  
Probleemgericht werken aan High Impact Crime  
Bram van Dijk, Paul van Soomeren, Armando Jongejan en Marian Krom  
1e druk, 2021  
Prijs € 33,50  
[Bekijk product](#)



**ProHIC Book of Basics**  
A Problem-Oriented Approach to High Impact Crime  
Bram van Dijk, Paul van Soomeren, Armando Jongejan, and Marian Krom  
1e druk, 2021  
Prijs € 34,00  
[Bekijk product](#)

## Implementation/exploitation

- ▶ Distribution of tool via Pearls of Knowledge
  - ▶  2.000+ multi-disciplinary experts
  - ▶ 400 Pearls on the website (+3 pearls a week and still counting)
  - ▶ 60.000 downloads since start
  - ▶ Pearls used by police, justice, municipalities, academia and security industry



**Pro HIC** Problem-oriented approach to High Impact Crime

[Book of Basics](#) [Pearls of knowledge](#) [Promotion](#) [News](#) [Contact](#)  

### Pearls of knowledge

[Wij zijn benieuwd naar uw mening...](#)  
Klik om een korte vragenlijst in te vullen

Jaap de Waard works with the Ministry of Justice and Security (J&V). He began circulating "Pearls of knowledge" in the field of justice and security in March 2020. In his words: "These daily knowledge pearls are now received by email by hundreds of people. The reactions have been very positive, so I will continue to send them. Hopefully this knowledge will contribute to a more rational and effective justice & security policy in the broad field of crime and law enforcement." For an overview of available publications by Jaap de Waard himself, see: [https://www.researchgate.net/profile/Jaap\\_De\\_Waard/publications](https://www.researchgate.net/profile/Jaap_De_Waard/publications)

Would you like to receive Jaap de Waard's pearls of knowledge directly? Send an email to: [j.de.waard@minjenv.nl](mailto:j.de.waard@minjenv.nl), [de.waard@minjenv.nl](mailto:de.waard@minjenv.nl)

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## Exploitation



- ▶ Avans University of Applied Science integrate ProHIC into their curricula for students (150+ students Integrale Veiligheidskunde) (Following Leiden University learning ProHIC and using it in 6 neighbourhoods in 's Hertogenbosch, February 2022).



- ▶ 2022: SBO commercial professional training CPD (end users) 27 September 2022 - Utrecht

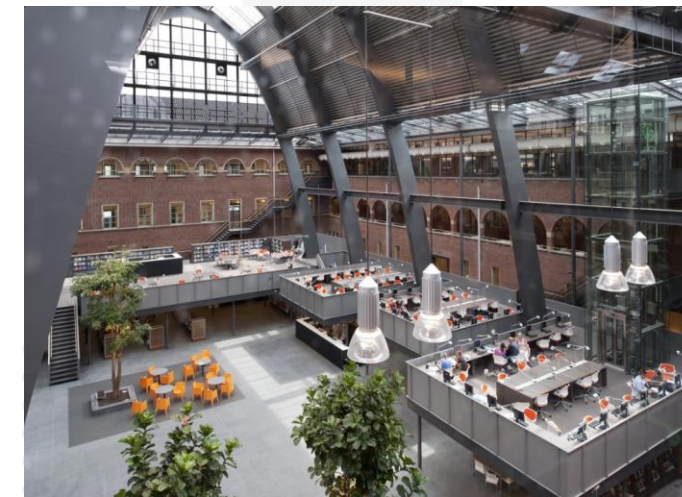


- ▶ 2022: Police Academy (end users) use the ProHIC tool in the new education program *Integrale Vervolg Opleiding Opsporing (IVOO)* starts Q3 2022 – Apeldoorn
- ▶ Book of Basics, Manual, Pearls, Website are part of the physical/digital libraries for all students (Police Academy + Universities)




**inholland**  
university of  
applied sciences

**avans**  
university  
of applied sciences

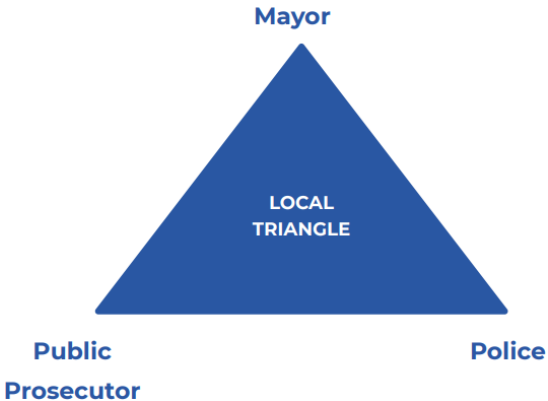
studiecentrum voor bedrijf en overheid **SBO**



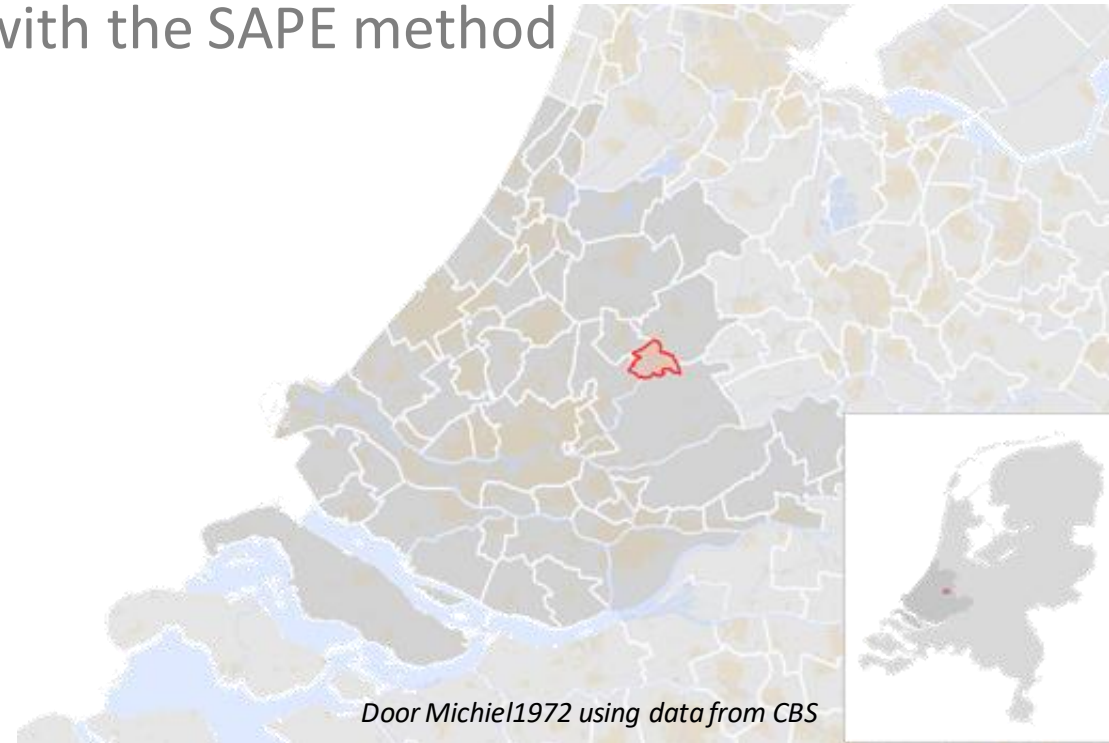
# Opportunities for Further Exploitation

-  2022-2026: Several cities want to integrate ProHIC in their HIC approach
-  Next to Leiden, Avans, InHolland more universities are interested in ProHIC (e.g. Hogeschool van Amsterdam)
-  Some Dutch prosecutor's offices have reached out to the ProHIC team and shown an interest in integrating the ProHIC approach in their future planning

▶ **YOU?**



## Tackling HIC with the SAPE method



*Old City Hall in Gouda*

Example in the city of Gouda

Gouda is a middle sized city with 75.000 inhabitants

Gouda is famous for....



*New City Hall in Gouda*



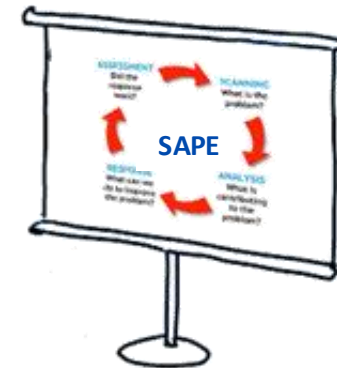
But enough city promotion

The other side of Gouda: very high rates of burglary in the past

### Number of police reports in 2016

City of Gouda	20 burglaries per 1000 dwellings
Police district (wider area including e.g. city of The Hague)	8 burglaries per 1000 dwellings

Police and Municipality started a project to reduce burglary – using the SAPE method



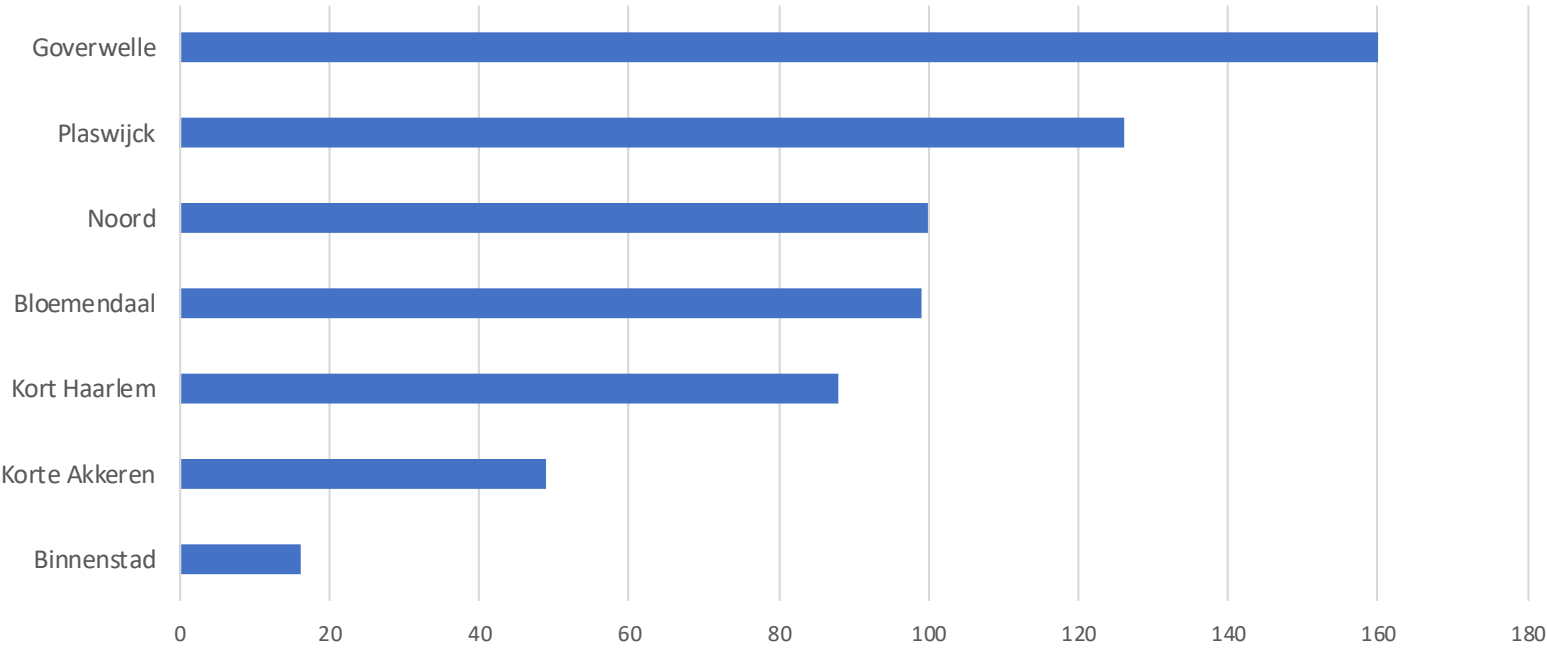
# STEP 1 Scanning and prioritisation

## Scanning

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- Determine whether there are (major) problems with HIC in your municipality and what the consequences are. Use the following as input:
  - Police data (portal, scan, early warning).
  - Weigh up the levels of seriousness.
  - If necessary, make a broader assessment of the total picture of local crime in the municipality (on the basis of conversations with key people or a periodic survey among residents).
- Especially look at concentrations: Hot times - Hot places / Hot spots - Hot shots - Hot victims (population and organisations).
- Indicate roughly what should be achieved with regard to this problem by citizens/institutions/companies, the municipality, the police and the Public Prosecutor (OM).
- Choose one or more of the cited problems (prioritisation) and analyse them in the next step (analysis).

# Scanning in Gouda; 7 neighbourhoods of Gouda



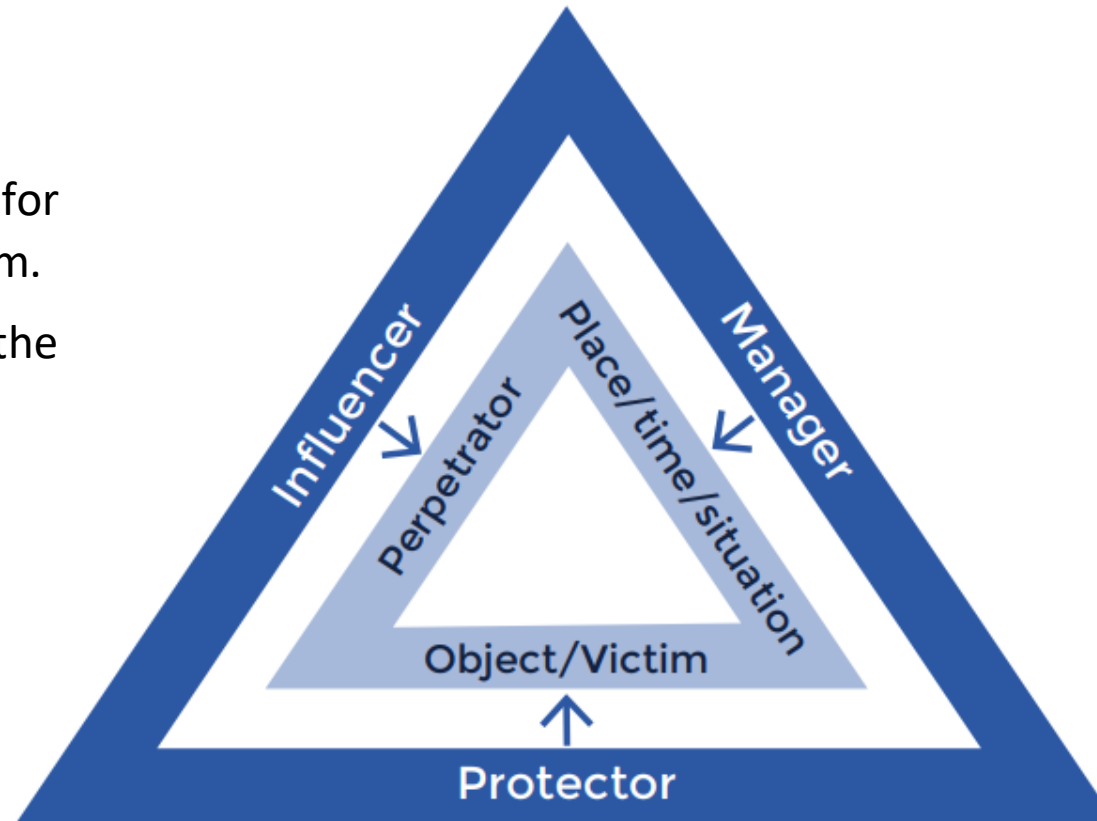
Result: Focus on the Neighbourhood Goverwelle.

Do you think this is a well substantiated choice?

Yes/no and why?

## CRIME TRIANGLE

There are several methods for analysing the crime problem. Gouda used one of them, the double crime triangle





## Crime triangle – 3 tasks

We will divide tasks for the different groups

**TASK 1:** analysing offenders: which methods would you use?

**TASK 2:** analysing objects/victims: which methods would you use?

**TASK 3:** analysing situation: which methods would you use?

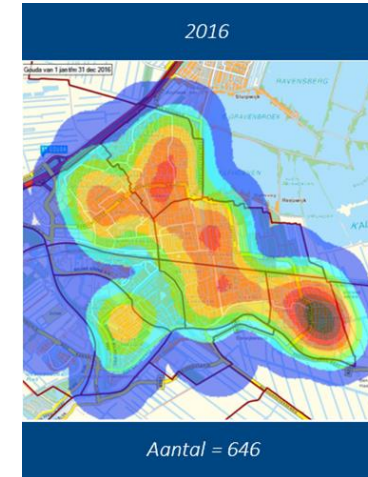


## Analysis by the police in Gouda

Two sources of information: police data



Interviews with stakeholders: representatives of municipality, Youth care, Youth work, Housing associations and residents



## Results

### Results problem analysis Domestic burglary in Goverwelle

#### Offenders

- Significant share of repeat offenders, including members of criminal families.
- Simpel modus operandi

#### Objects/ victims

- Limited home security.
- Repeated victimization.
- Mainly single-family homes and especially aged 45-65

#### Situation

- Many burglaries via poorly lit back alleys.
- Polarization and very little social control.
- Polarization between native residents and immigrant residents

Analysis by the police in Gouda

What measures would you propose in Gouda/Goverwelle?

**TASK 4:** What measures with regard to offenders; by which organisations?

**TASK 5:** What measures with regard to victims/objects; by which organisations?

**TASK 6:** What measures with regard to situation; by which organisations?



## What did they really do in Gouda/Goverwelle?

### Offender oriented

- Young offender hotshots approach for top offenders: punish directly, help if needed, prevention focuss also on brothers/sisters (BroSis approach)
- Criminal families : Repression for leaders and core individuals. Support for motivated non criminal family members (together with health experts), relocate and disperse (if possible), protection of young children together with 'SAFE Home' experts)

### Victim oriented

- Publicity and training about burglary prevention
- Subsidising burglary resistant doors and windows (following requirements as set by Police label Safe and Secure Housing and Building Code for new to build houses (since 2000))

### Situational/CPTED

- See also: victim oriented
- Better lighting in the neighbourhood
- Gates closing down the back alleys (alley gating)

### Citizens' participation

- Community workers
- Neighbourhood prevention team
- Neighbourhood booth
- Neighbourhood/community meeting and activities
- Use of (social) media and publicity

DSP's evaluation



Bram van Dijk & Randy Bloeme

## Results

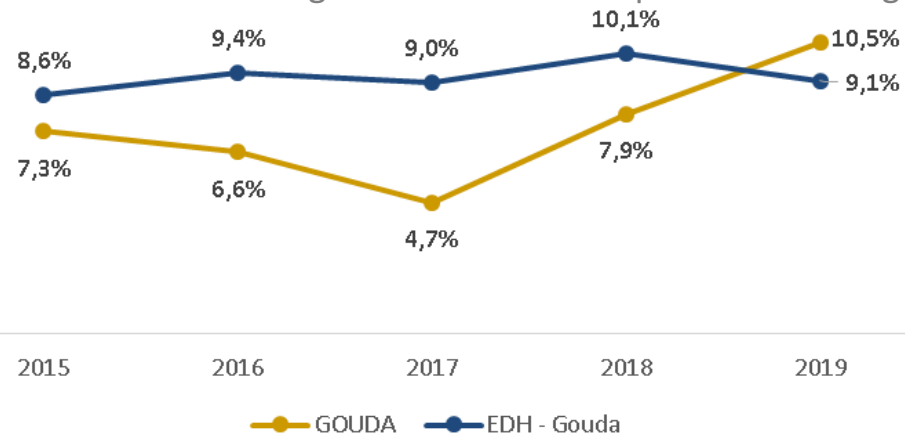
### Number of domestic burglaries

	2016	2017	2018	2019
Goverwelle	160	130	61	53
Index 2016-2019	100	81,3	38,7	32,4
Gouda (without Goverwelle)	23,4	18,0	12,7	9,5
Index 2016-2019	100	76,9	54,3	40,6
District The Hague (without Gouda)	7,5	6,0	4,9	4,6
Index 2016-2019	100	80	65,3	61,3

#### Conclusions:

- Strong decrease in number of domestic burglaries in Goverwelle
- Decrease in number of domestic burglaries in Gouda
- The decrease in number of domestic burglaries in Gouda and Goverwelle is stronger than in the wider police district area (The Hague)

### Gouda versus The Hague district: cleared up number of burglaries



#### Conclusions:

- Strong increase in the number of solved cases of domestic burglaries in Gouda
- The number of solved cases of domestic burglaries in the district of The Hague remains the same

## Is there displacement effect to other types of crime?

Type incident	2016	2017	2018	2019
<b>Car crimes</b>				
- Gouda	342	216	158	175
- Goverwelle	37	19	19	6
<b>Scooter / bicycle thefts</b>				
- Gouda	494	365	408	398
- Goverwelle	57	62	85	56
<b>Burglary / theft box, garage, shed, garden house</b>				
- Gouda	75	44	54	59
- Goverwelle	12	7	8	7
<b>Street robbery</b>				
- Gouda	10	13	9	13
- Goverwelle	1	3	1	2
<b>Vandalism</b>				
- Gouda	528	397	365	343
- Goverwelle	108	52	34	39
<b>Drugs</b>				
- Gouda	36	35	54	82
- Goverwelle	2	3	3	4
<b>Violence and threats</b>				
- Gouda	384	384	325	354
- Goverwelle	41	38	26	21

What do you think:  
displacement yes / no?

Www.ProHIC.eu



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(Marian Krom and Armando Jongejan NPN)

- ▶ Check it out for yourself:  
[www.prohic.eu](http://www.prohic.eu)
- ▶ Any questions?

# Thank you



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