

How data analytics can speed up the healthy city transformation.

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Human connection

Green space

Walkability

Clean water

Clean air

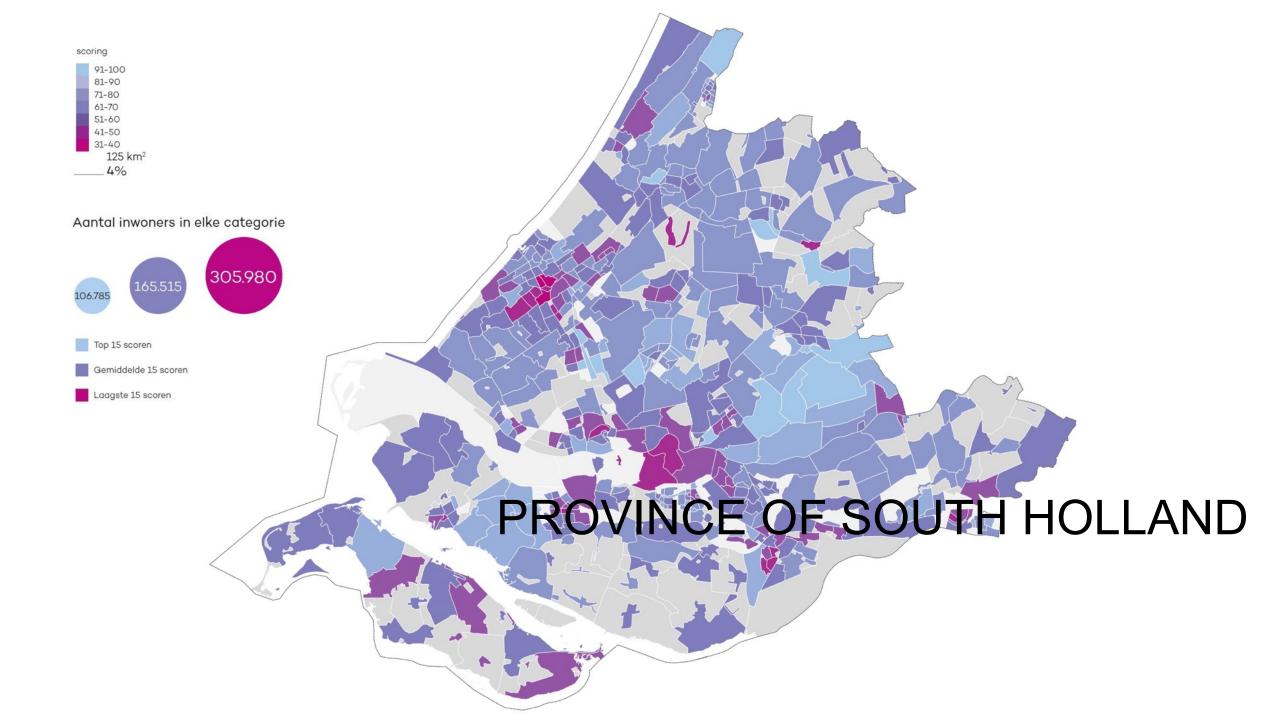
Cyclability

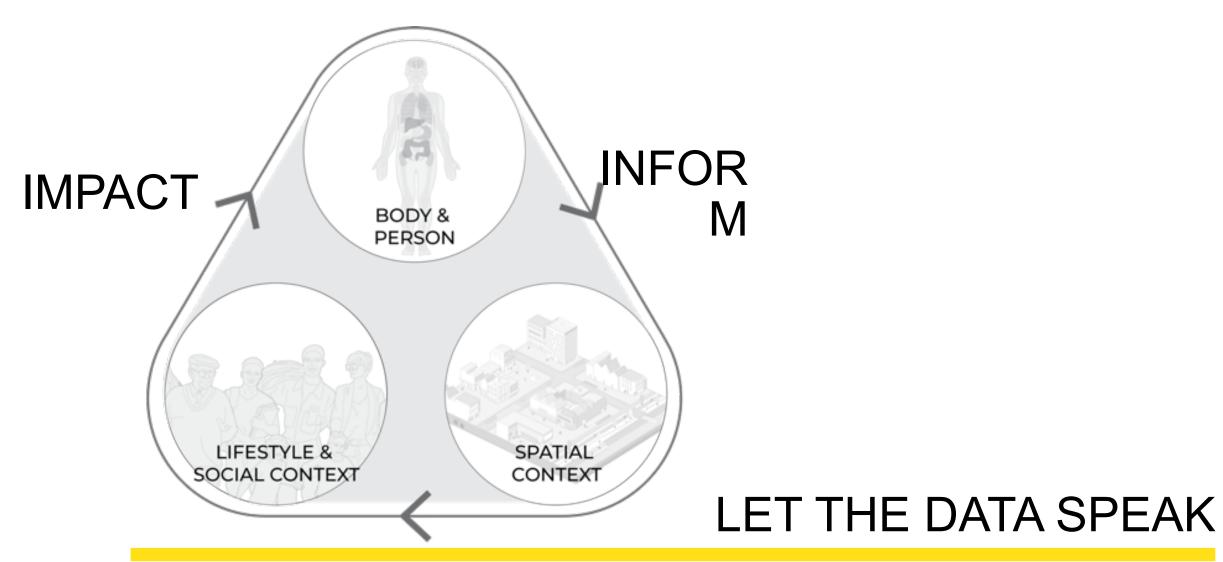
Nature

Inclusion

Healthy Food

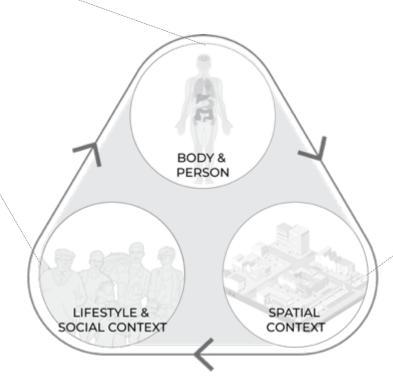
HOW DO WE DECIDE WHERE WE START?





INFLUENCE

- Age groups
- Income groups
- Obesity/overweight levels
- Loneliness levels
- Stress levels
- Respiratory diseases



- Air pollution
- Sound pollution/silent places
- Heat island effect
- Walkability index
- Cyclability index
- Accessibility to public transport
- Accessibility to green spaces, playgrounds, schools, healthcare & sport facilities, fresh food
- Quality of public spaces
- Food deserts
- Space use
- Affordable housing

DEFINE KEY TOPICS

- Movement norms
- Modal split
- Traffic safety
- Crime levels
- Participation in life-long learning
- Smoking
- Alcohol abuse

Age groups

children <5 year old and >65 year old

SPATIAL

CONTEXT



PM2.5, PM10, NO2 levels per neighborhood

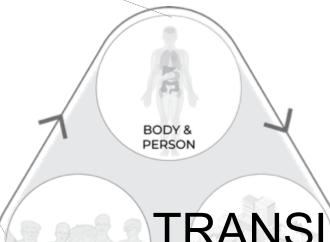
Map of "priority neighborhoods" with highest percentage of vulnerable people affected by air pollution.

- Income groups
- Obesity/overweight levels
- Loneliness levels
- Stress levels
- Respiratory diseases

LIFESTYLE &

SOCIAL CONTEXT

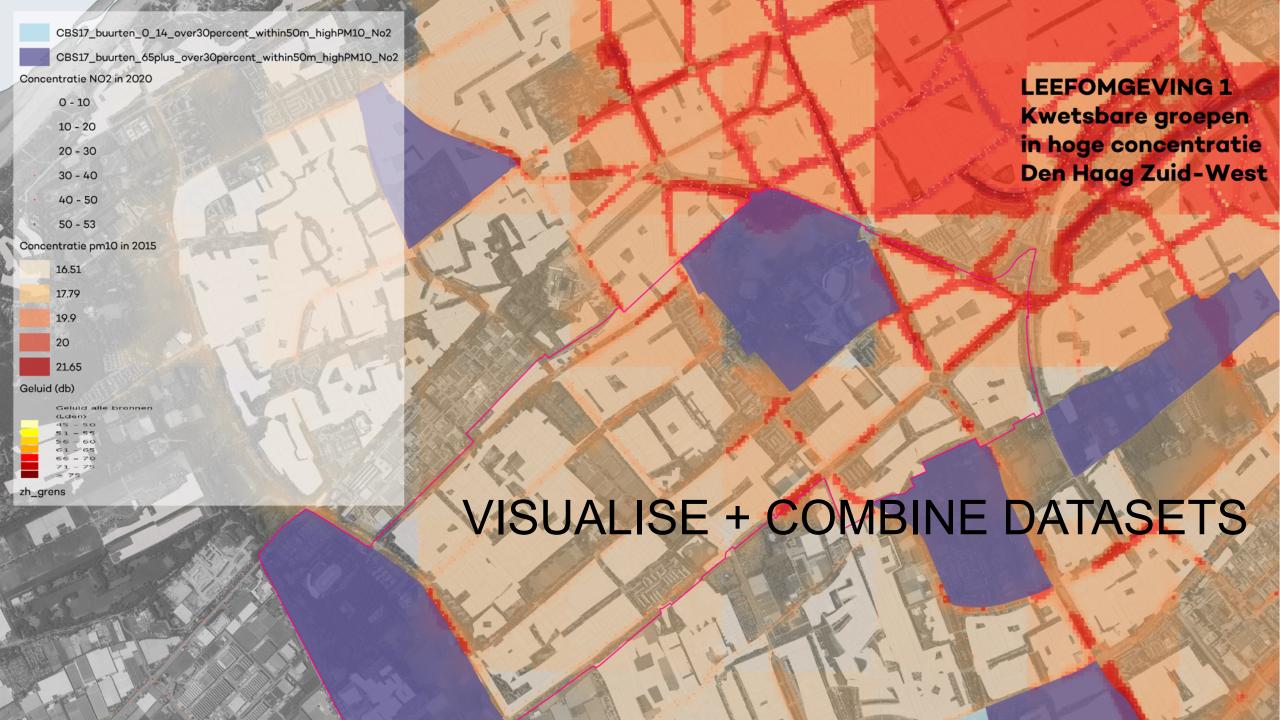
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- **Modal split**
- **Traffic safety**
- **Crime levels**
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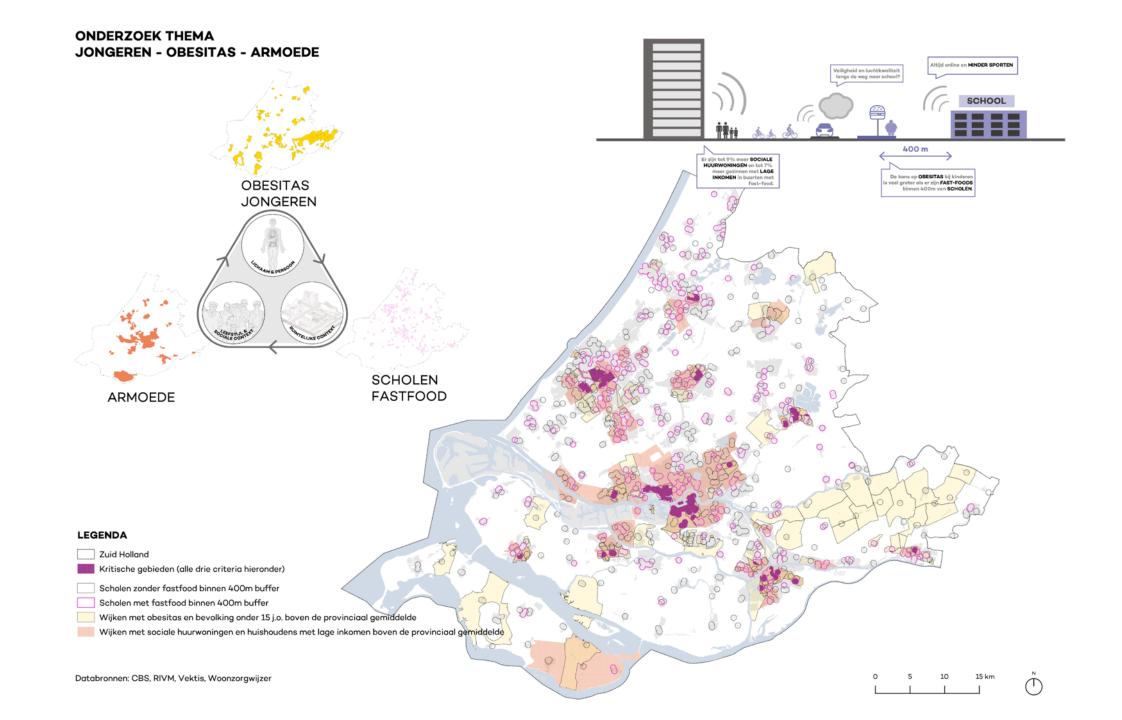
Air pollution

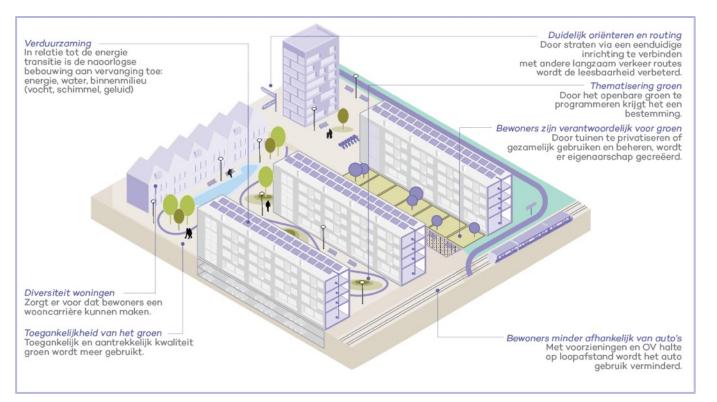
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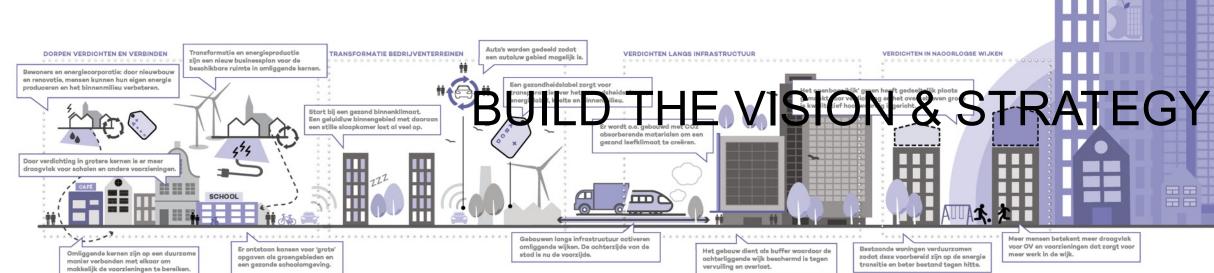
TRANSLATE INTO INDICATORS

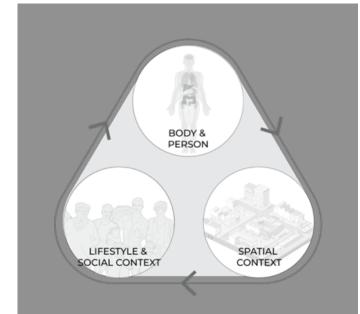




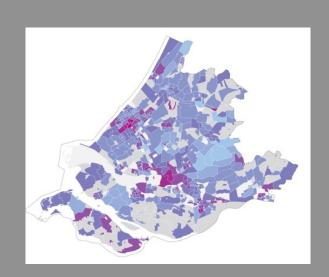




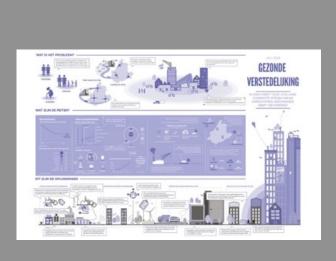




collect the SYMPTOMS



establish a DIAGNOSIS



propose a TREATMENT

What about data privacy?

No data available, now what?



HOW DO YOU DECIDE WHERE TO START?

Thank you.