How data analytics can speed up the healthy city transformation.

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HOW DO WE DECIDE WHERE WE START?
DEFINE KEY TOPICS

- 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

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

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

BODY & PERSON
LIFESTYLE & SOCIAL CONTEXT
SPATIAL CONTEXT
• Age groups
  • Income groups
  • Obesity/overweight levels
  • Loneliness levels
  • Stress levels
  • Respiratory diseases

children <5 year old and >65 year old

+ PM2.5, PM10, NO2 levels per neighborhood

= Map of “priority neighborhoods” with highest percentage of vulnerable people affected by air pollution.

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TRANSLATE INTO INDICATORS
VISUALISE + COMBINE DATASETS
BUILD THE VISION & STRATEGY
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.