Air Pollution on Prinsessegade

A Global Issue on an Ultrafine Level



Inflammation

Chronic obstructive pulmonary disease

Increased blood pressure

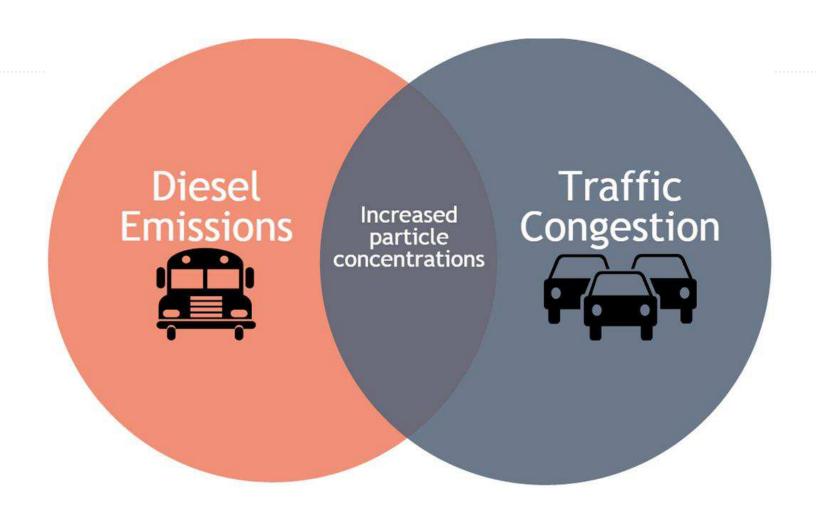
Lung cancer

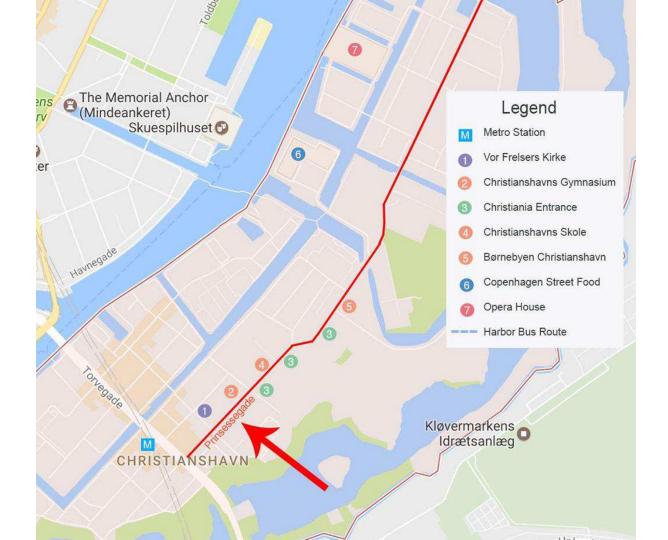
Asthma

Vasoconstriction and arterial stiffness

Respiratory infections

Cardiovascular disease





PM 10 levels in Christianshavn

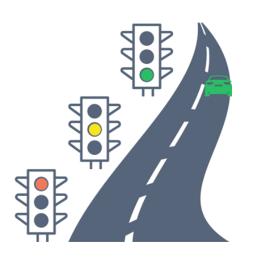


Traffic Management











Road Closure











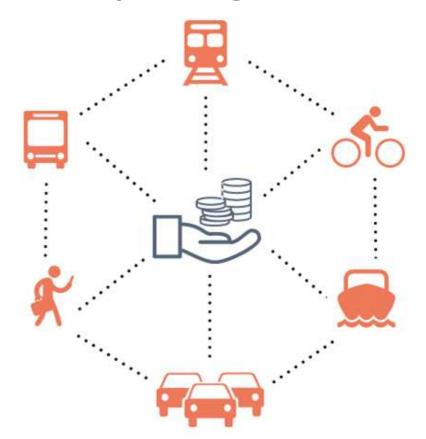
Low Emission Zones

Limited Traffic Zones

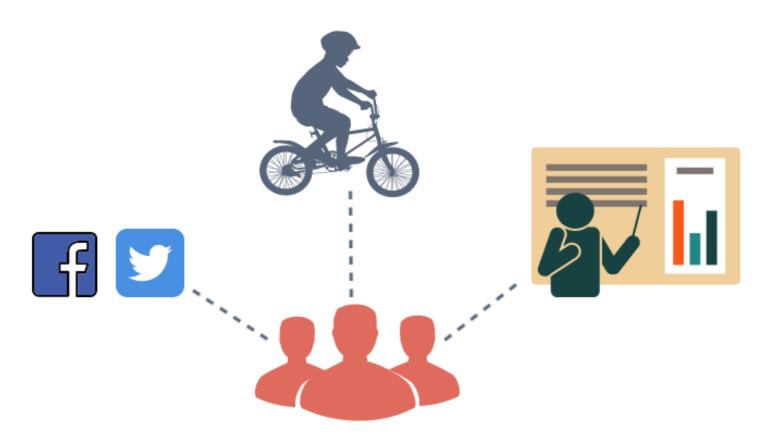
Stricter Policing



Incentivizing and Improving Alternative Transport



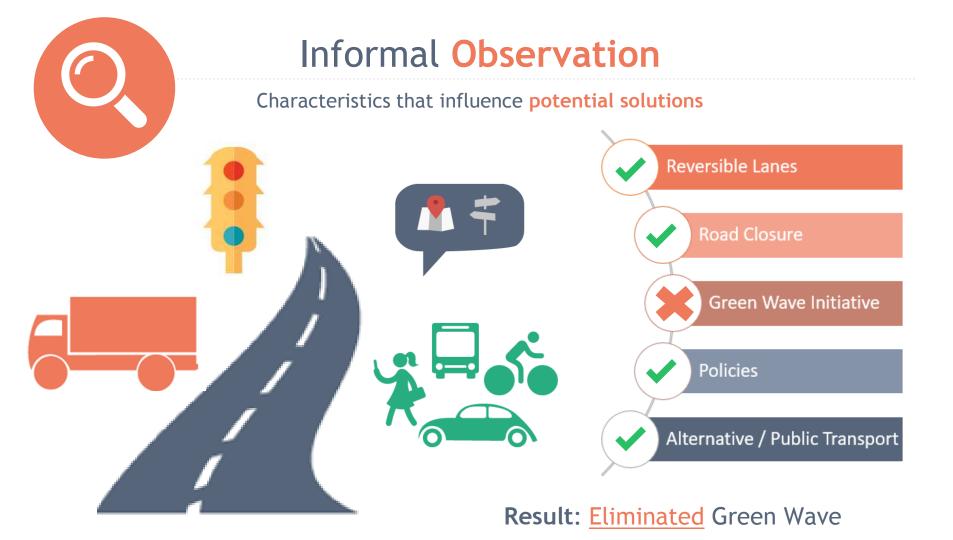
Education & Community Outreach



Mission
Statement
and
Objectives

1 PRINSESSEGADE CONTEXT

2 OPINIONS ON STRATEGIES





Informal Observation





Surveys

Past Attempts

Transportation

Potential Solutions



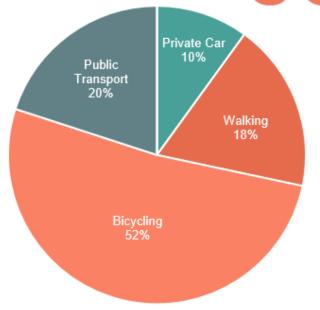
Traffic Congestion

Health



Surveys





Demographics



Children

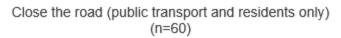


Residency



Surveys

Average rating on solutions on a 1 to 5 scale

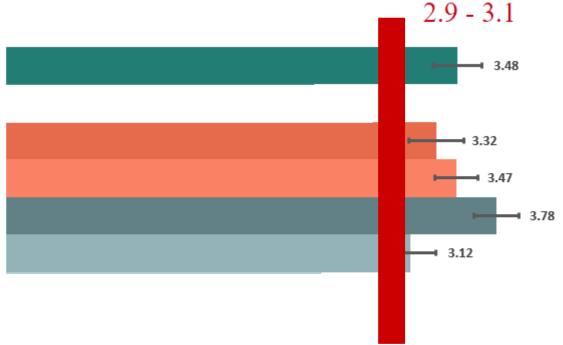


Bicycling and Pedestrian Road (n=60)

Improved public transport options (n=60)

Monetary incentives for alternative transport use (n=60)

Increased policing on low emission zones (n=60)





Semi-Structured Interviews

Assessment

Past Attempts Potential Solutions

Public Response

> Community Outreach

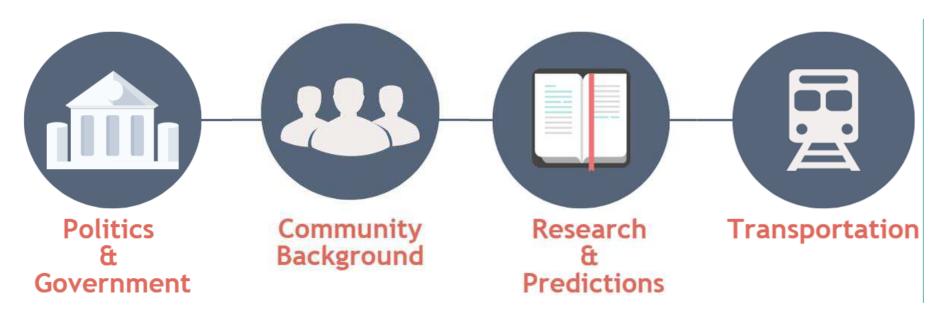


Semi-Structured Interviews





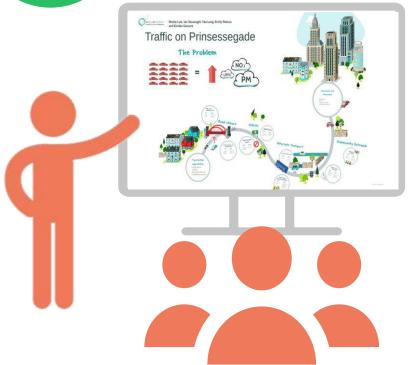
Semi-Structured Interviews



Result: Eliminated Reversible Lanes



Community Forum/Discussion





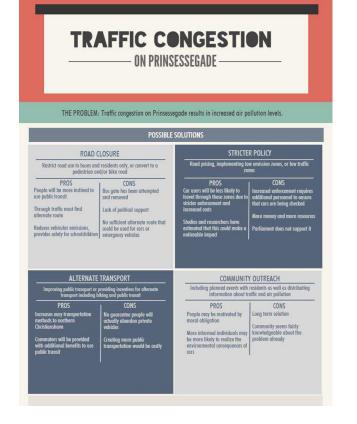
Community Forum/Discussion





Community Forum/Discussion

- Encouraged discussion among community members
- Gained insight into potential solutions:
 - Road Closure
 - Stricter Policy
 - Alternate Transport
 - Community Outreach



Recommendations

Movia and Local Business
Partnerships to Diversify Transport



City Official Support for Low Emission Zone Regulations







Further Surveys, Interviews with Car Owners



New Vehicle Disincentives





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