

Hi!

There's very little text in this presentation so if you want to know more, please get in touch!



-Traffic systems for a liveable city-

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# Dynamic speed bumps

These are some passive dynamic speed bumps. They react differently based on wheight of vehicle or force applied when crossing it, or are activated by timer.





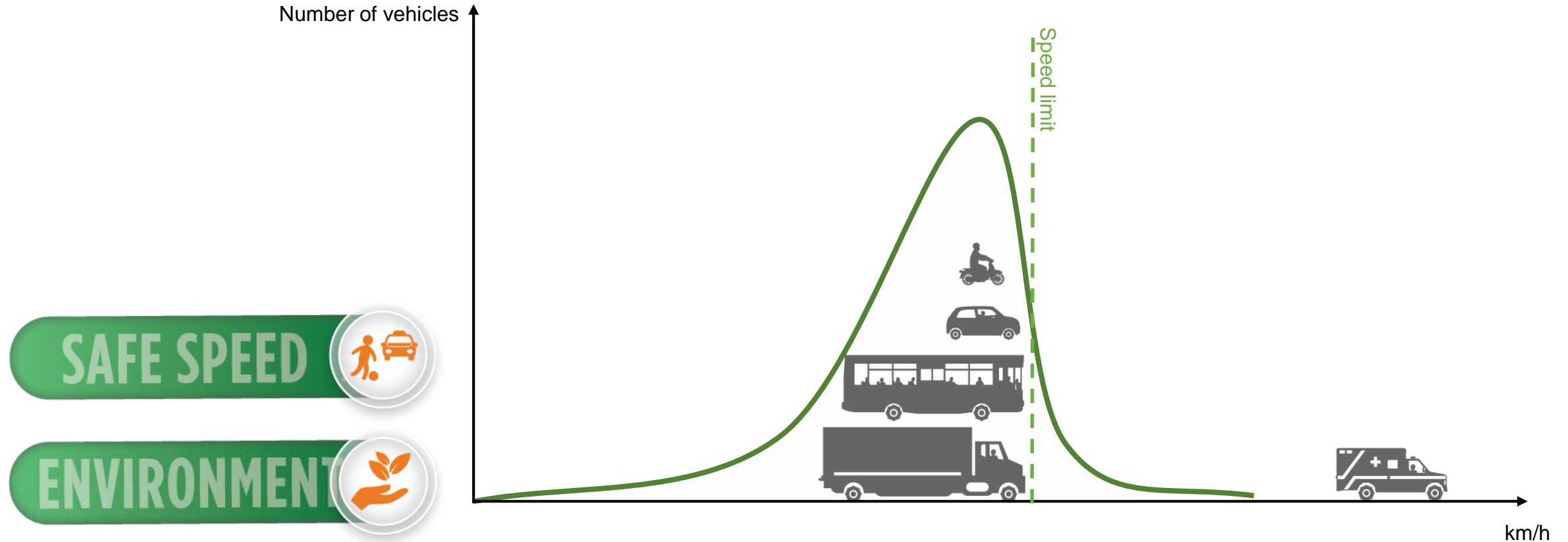
# Active dynamic speed bumps



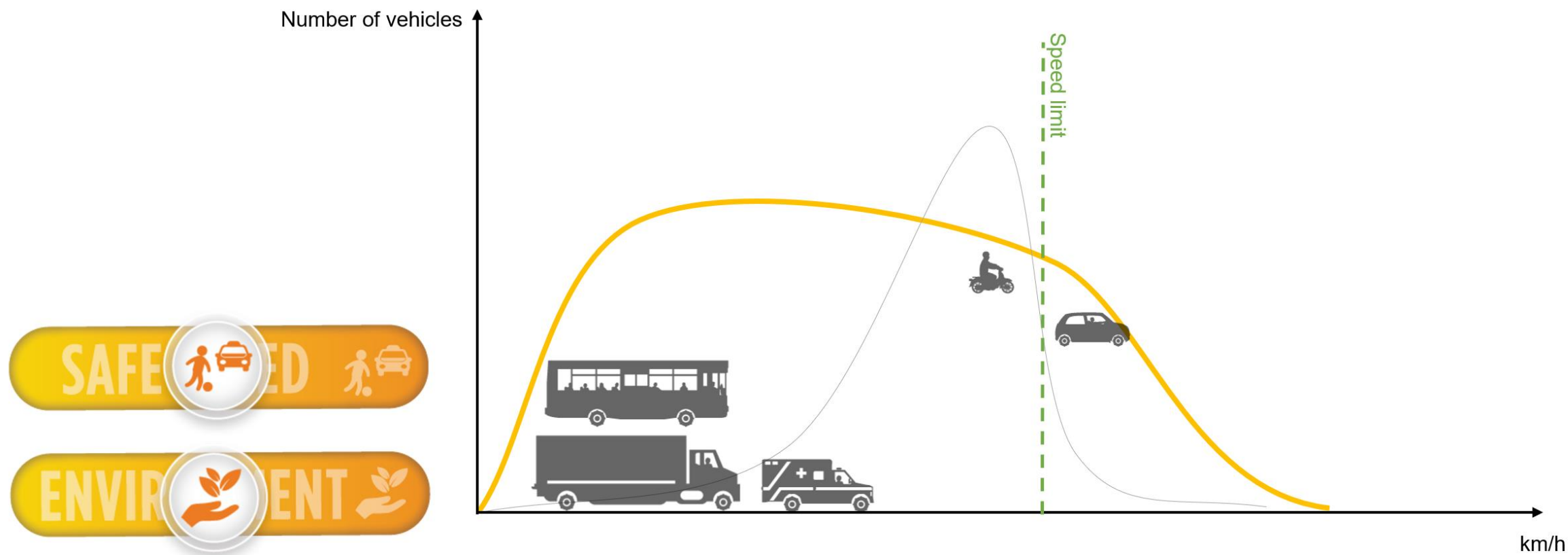
These are some active dynamic speed bumps. They react differently based on whether or not you are speeding.



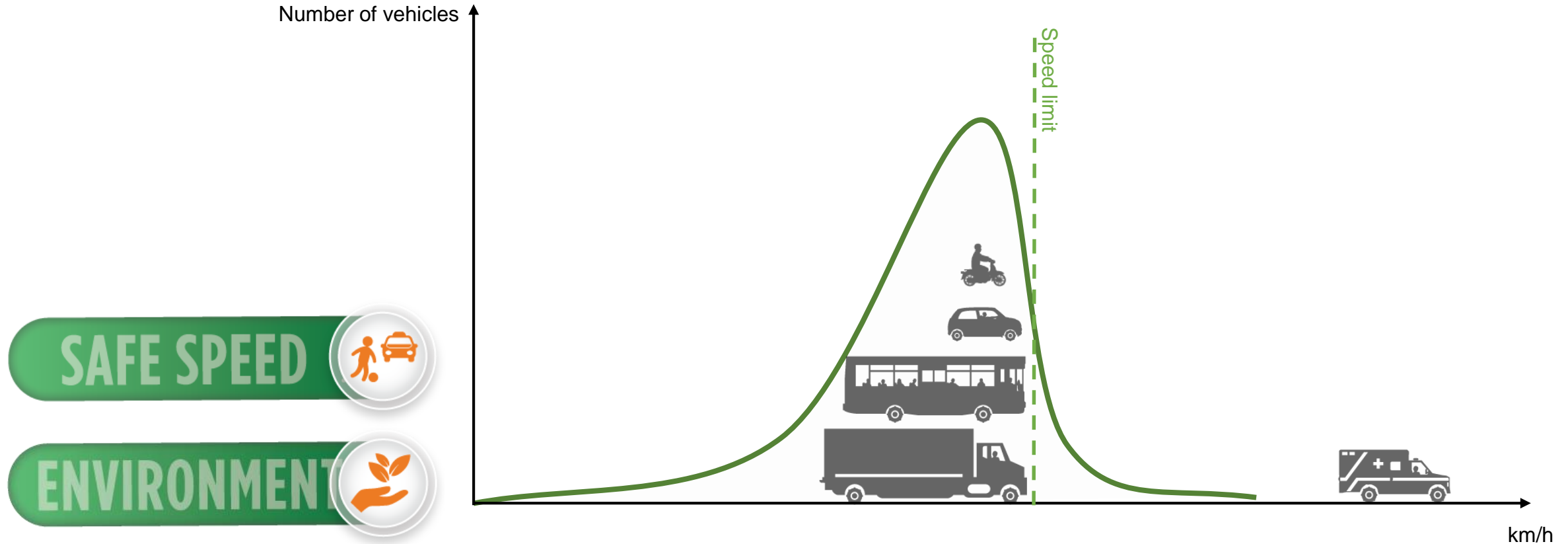
# Optimal traffic flow







# Static and/or passive solutions – collective punishment



# Active speed bumps - selective on speed



# Where to use Active Dynamic speed bumps

-  **Black spots**  
Accidents
-  **Speeding issues**  
Perceived safety
-  **Bus routes**  
Comfort and travel time
-  **Livability issues**  
Air & noise pollution







### **Black spots**

Accidents



### **Speeding issues**

Perceived safety



### **Bus routes**

Comfort and travel time



### **Livability issues**

Air & noise pollution







**Black spots**  
Accidents



**Speeding issues**  
Perceived safety



**Bus routes**  
Comfort and travel time



**Livability issues**  
Air & noise pollution





### Black spots

Accidents



### Speeding issues

Perceived safety



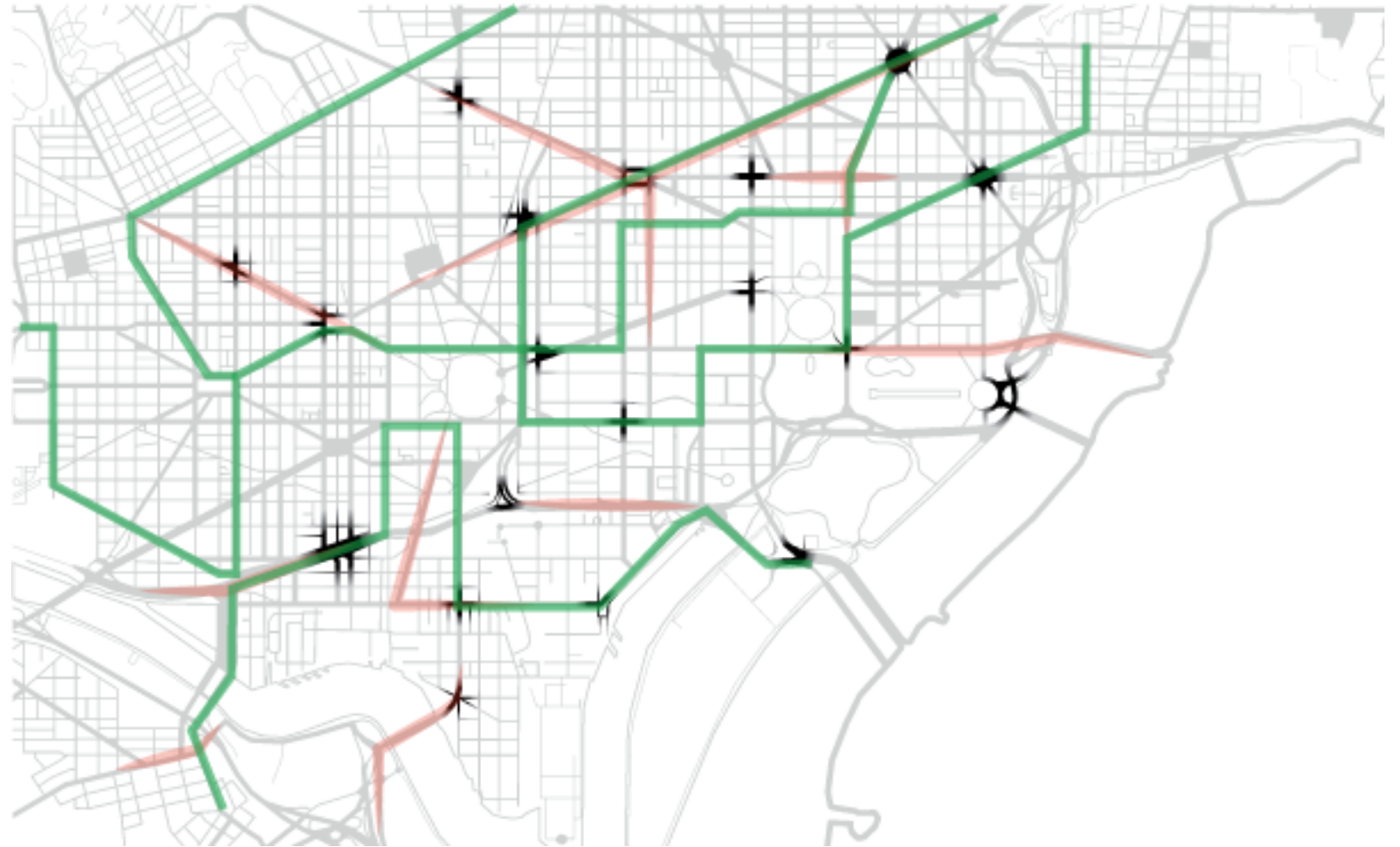
### Bus routes

Comfort and travel time



### Livability issues

Air & noise pollution





**Black spots**

Accidents



**Speeding issues**

Perceived safety



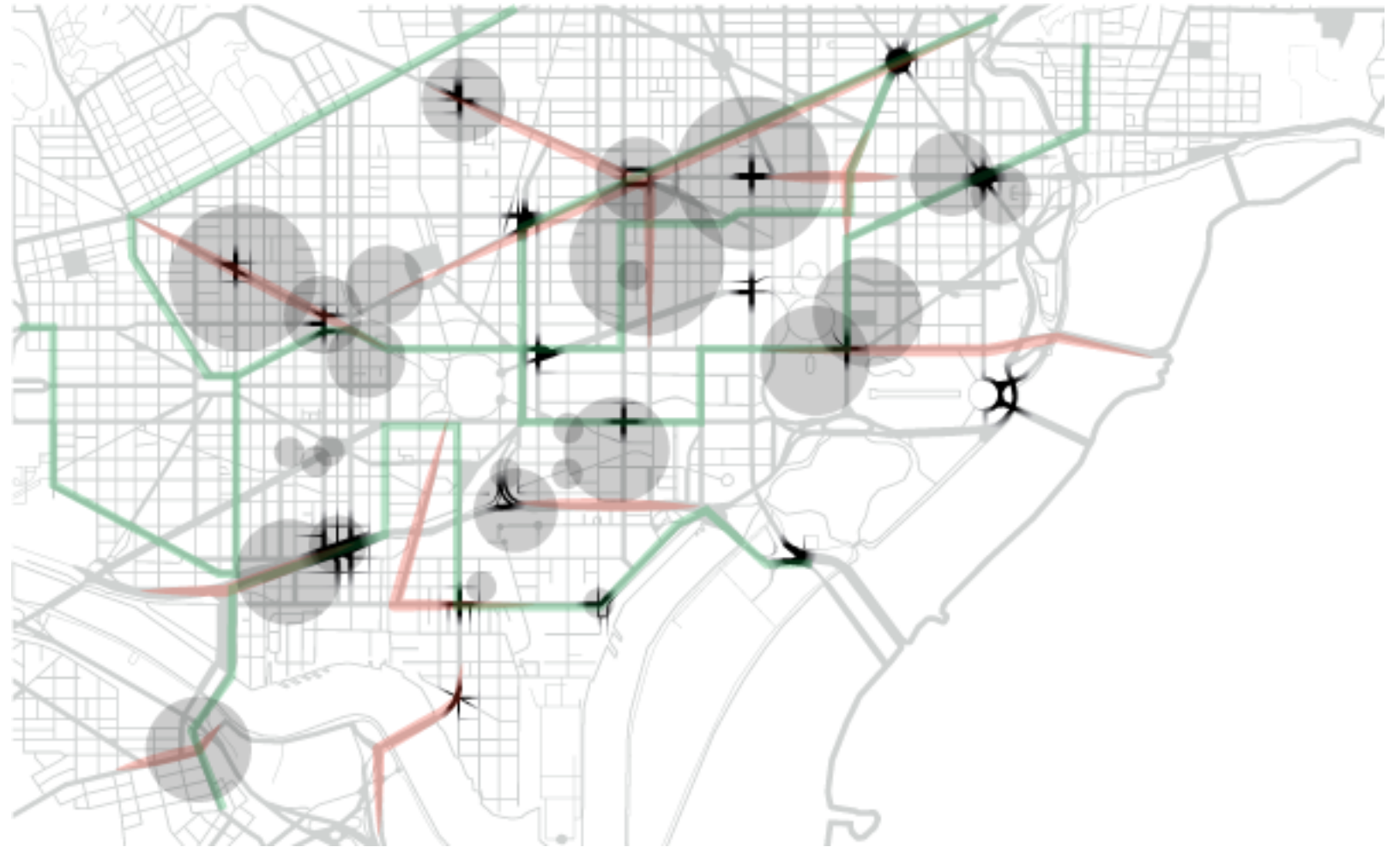
**Bus routes**

Comfort and travel time

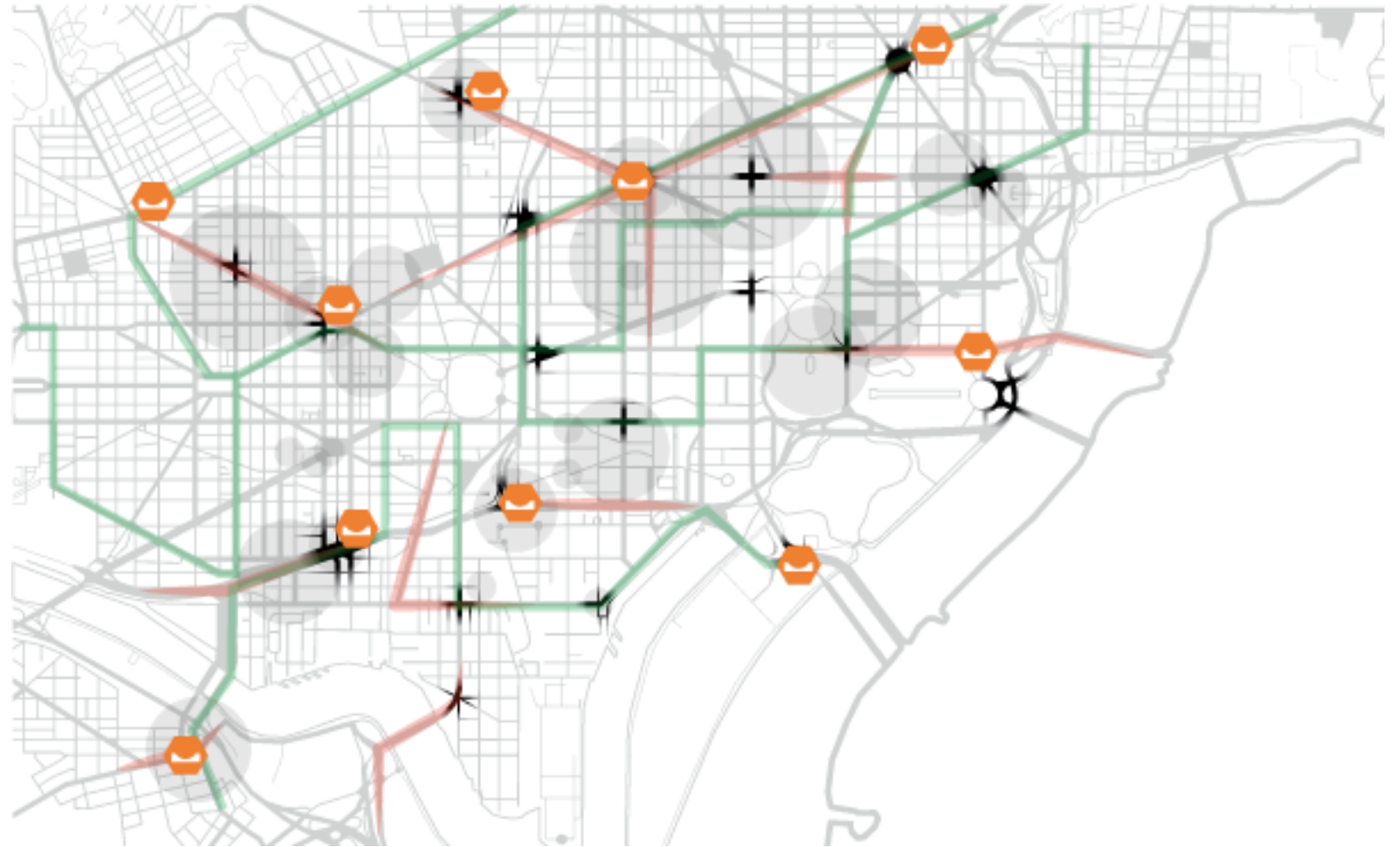


**Livability issues**

Air & noise pollution

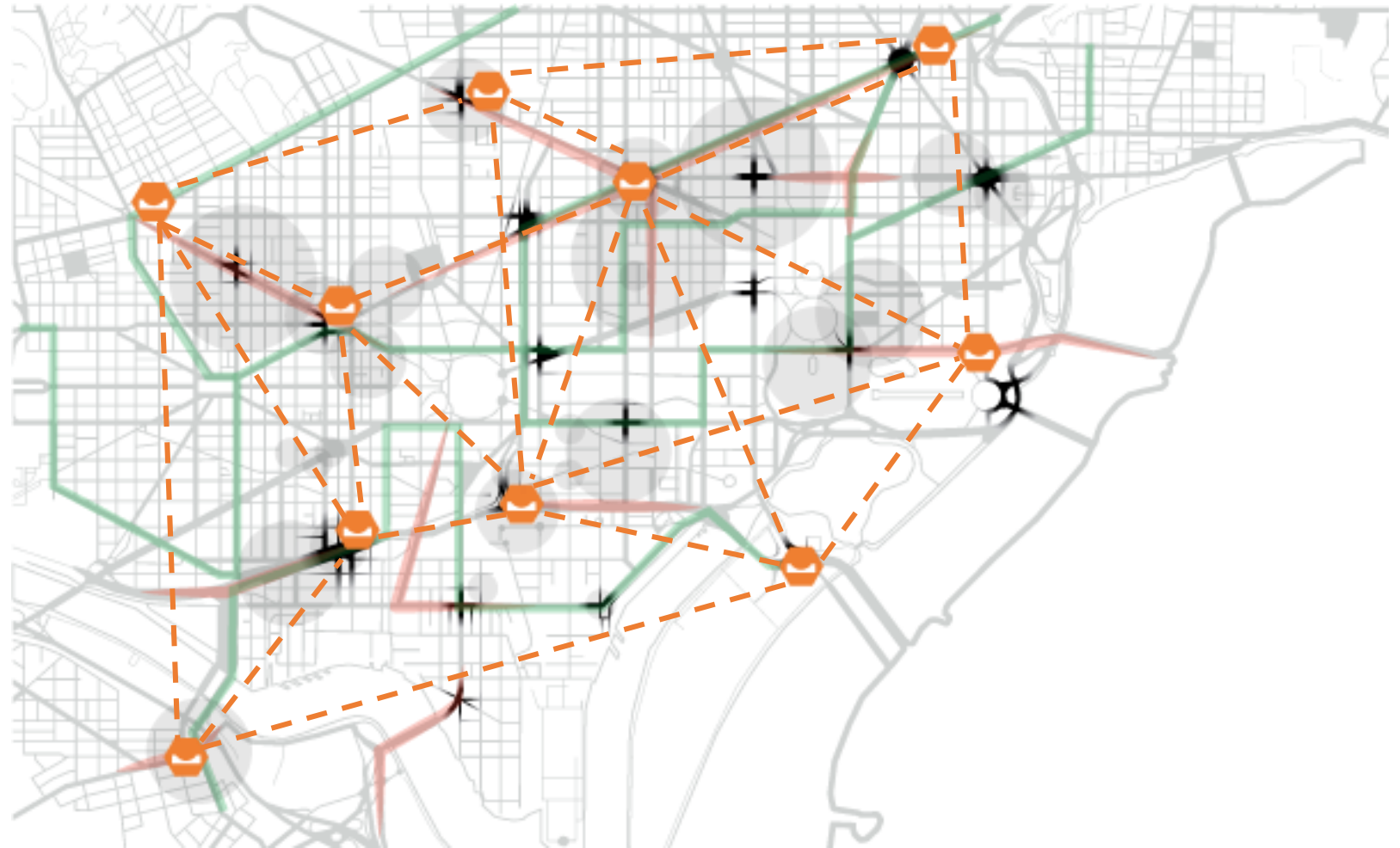


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Air & noise pollution



# Prize comparison



2 000€



20 000€



50 000€



1 000 000€

# Thank you for your attention!

# *edeva*

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