

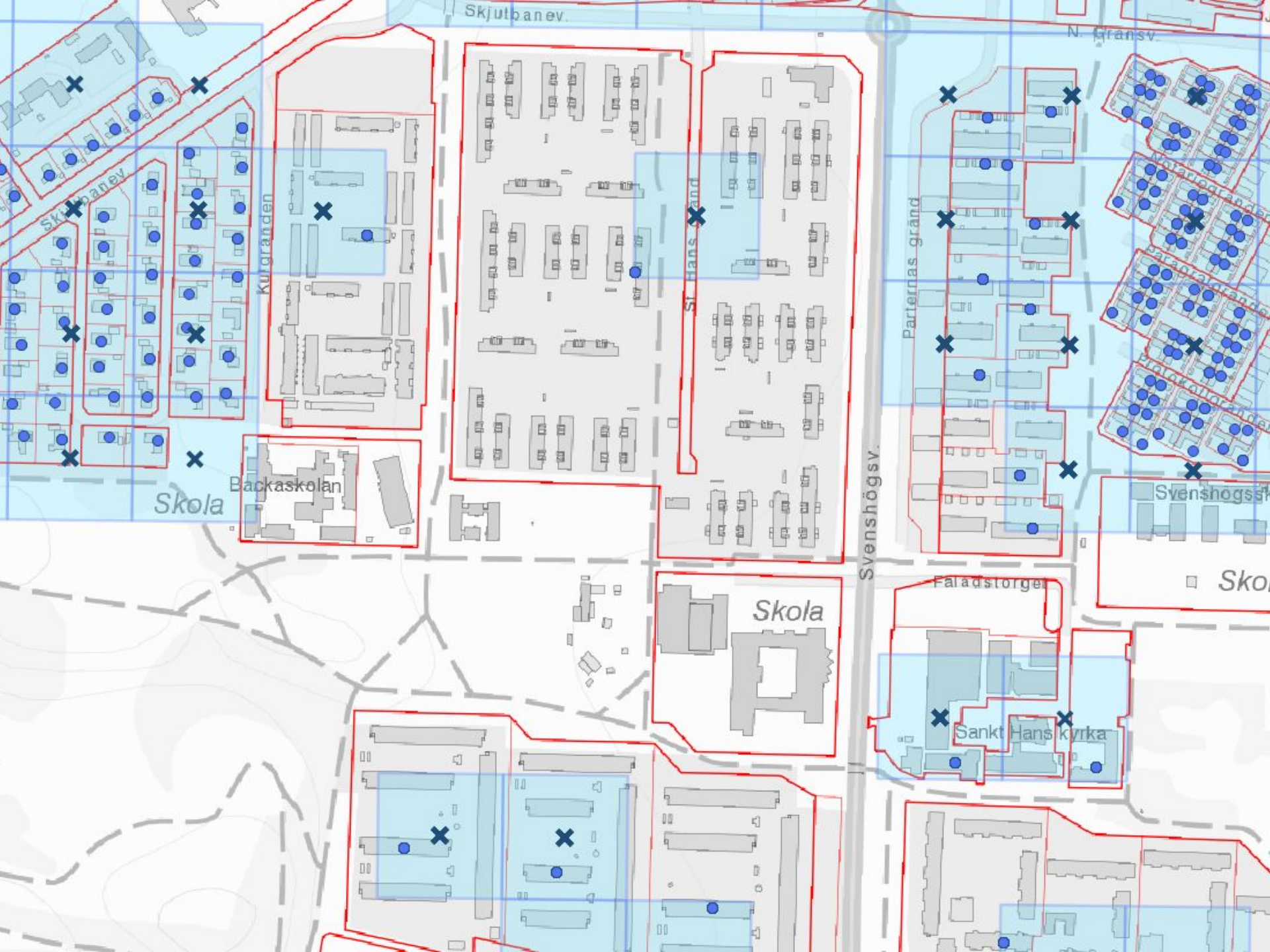
# Measuring the Potential for Sustainable Mobility

Skåne, Sweden

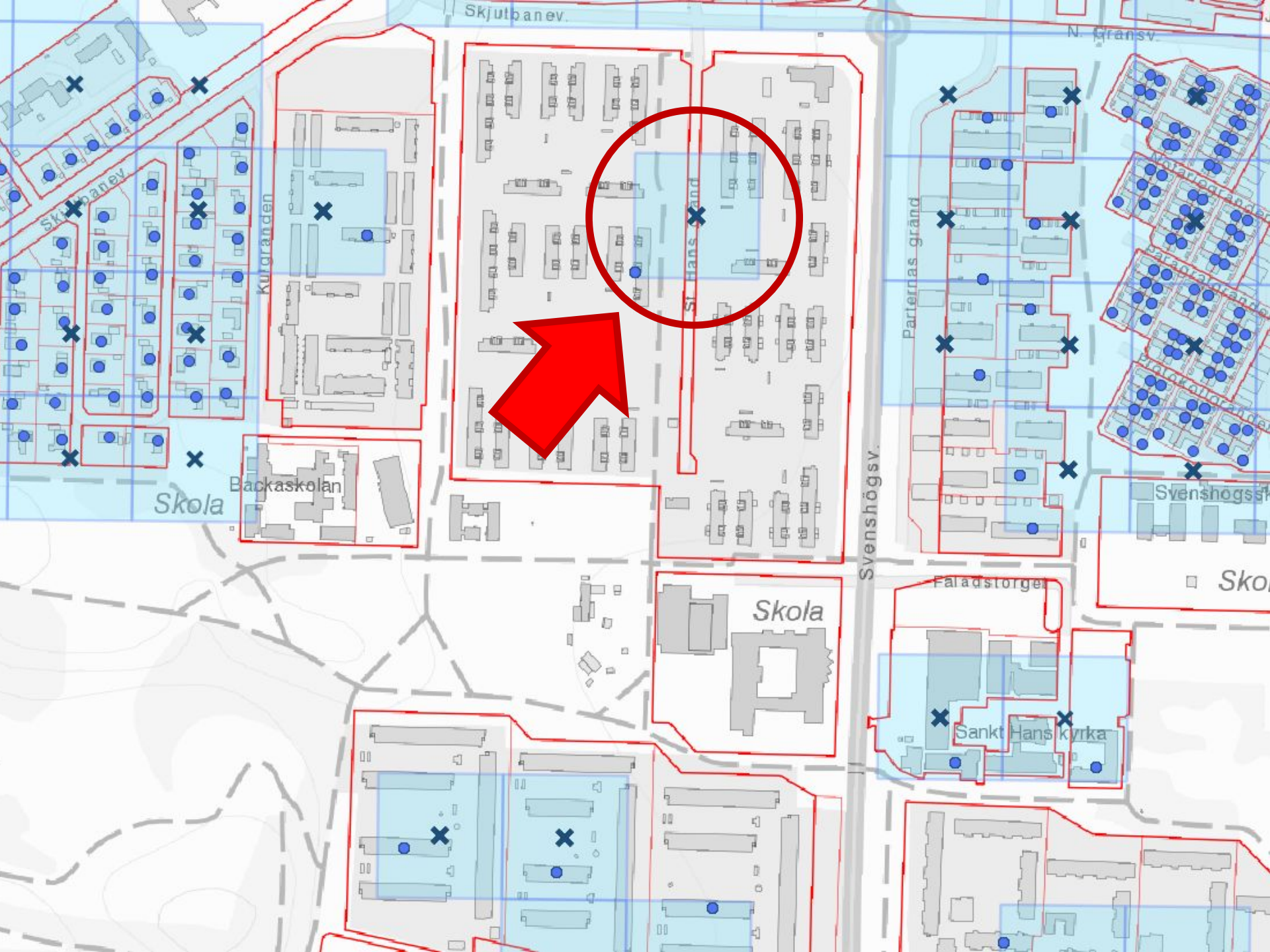
- i. Input data - Opportunities and limitations**
- ii. Accessibility model and data processing
- iii. What does our model tell us?
- iv. Challenges and future improvements

# Pairs of coordinates for all registered residents in Skåne

- Home address
- Work address / school address

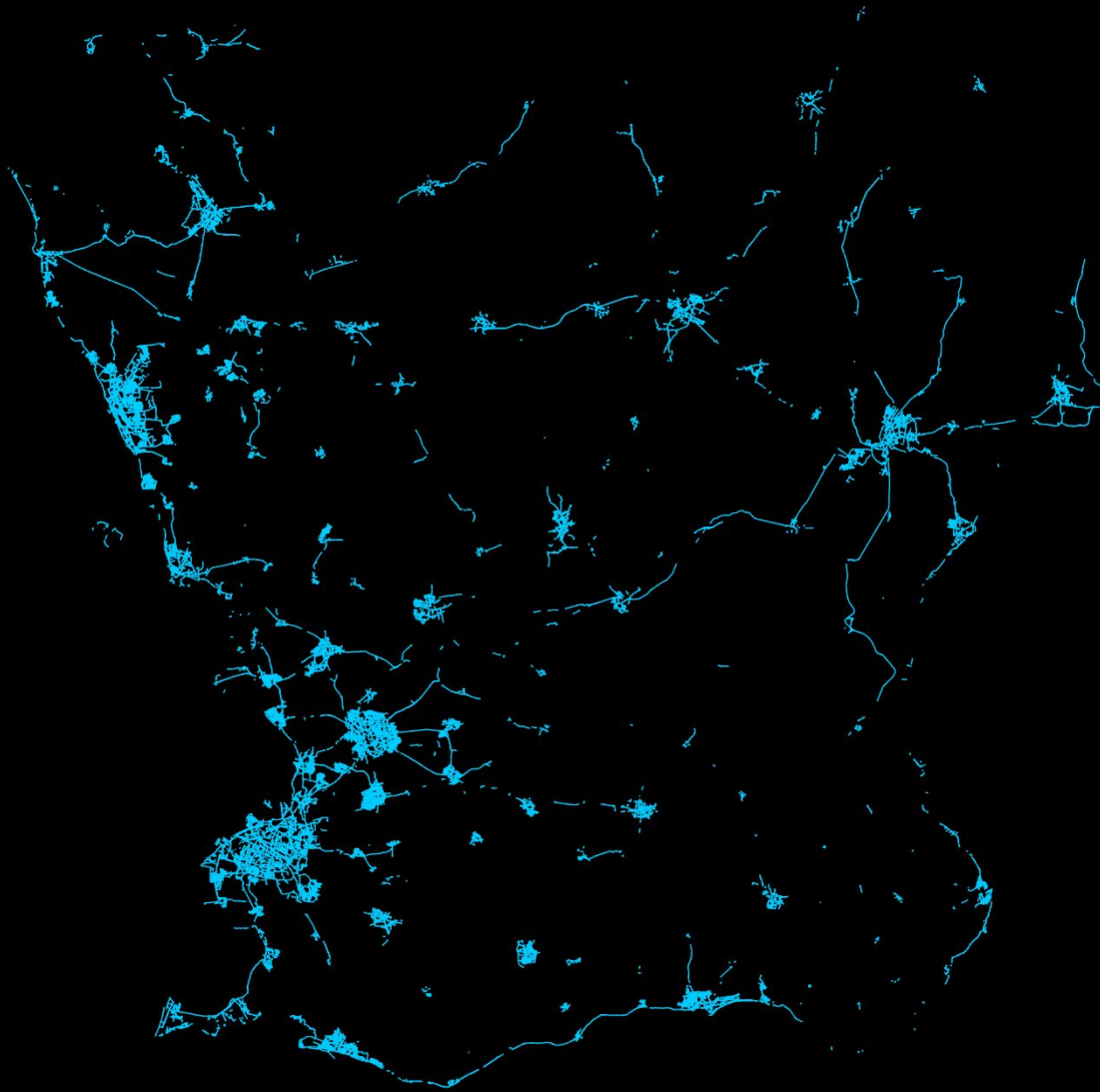






# Networks

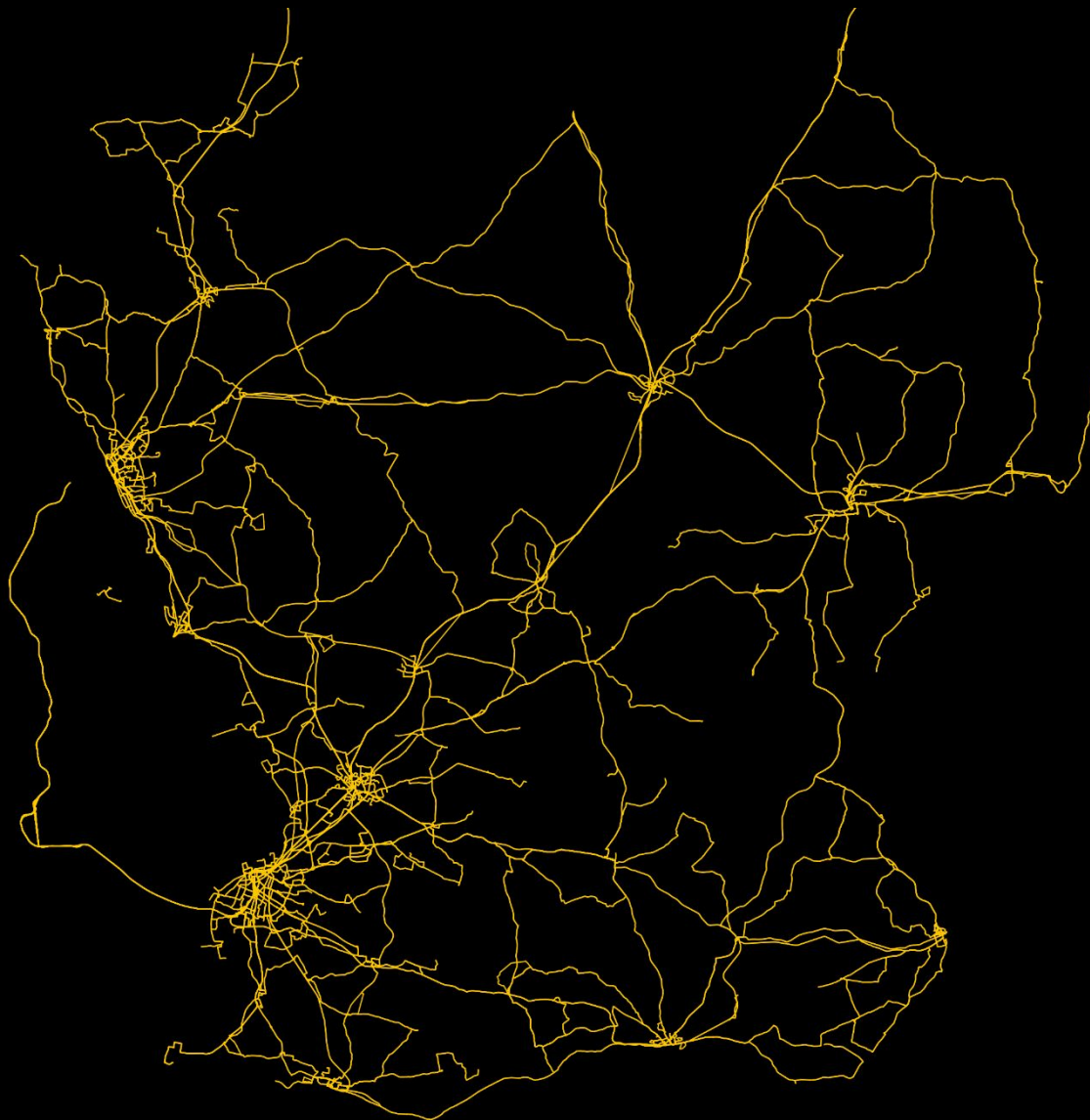
How can people move from A to B?



**Bicycle  
paths**



Bicycle  
paths



Trains and  
buses



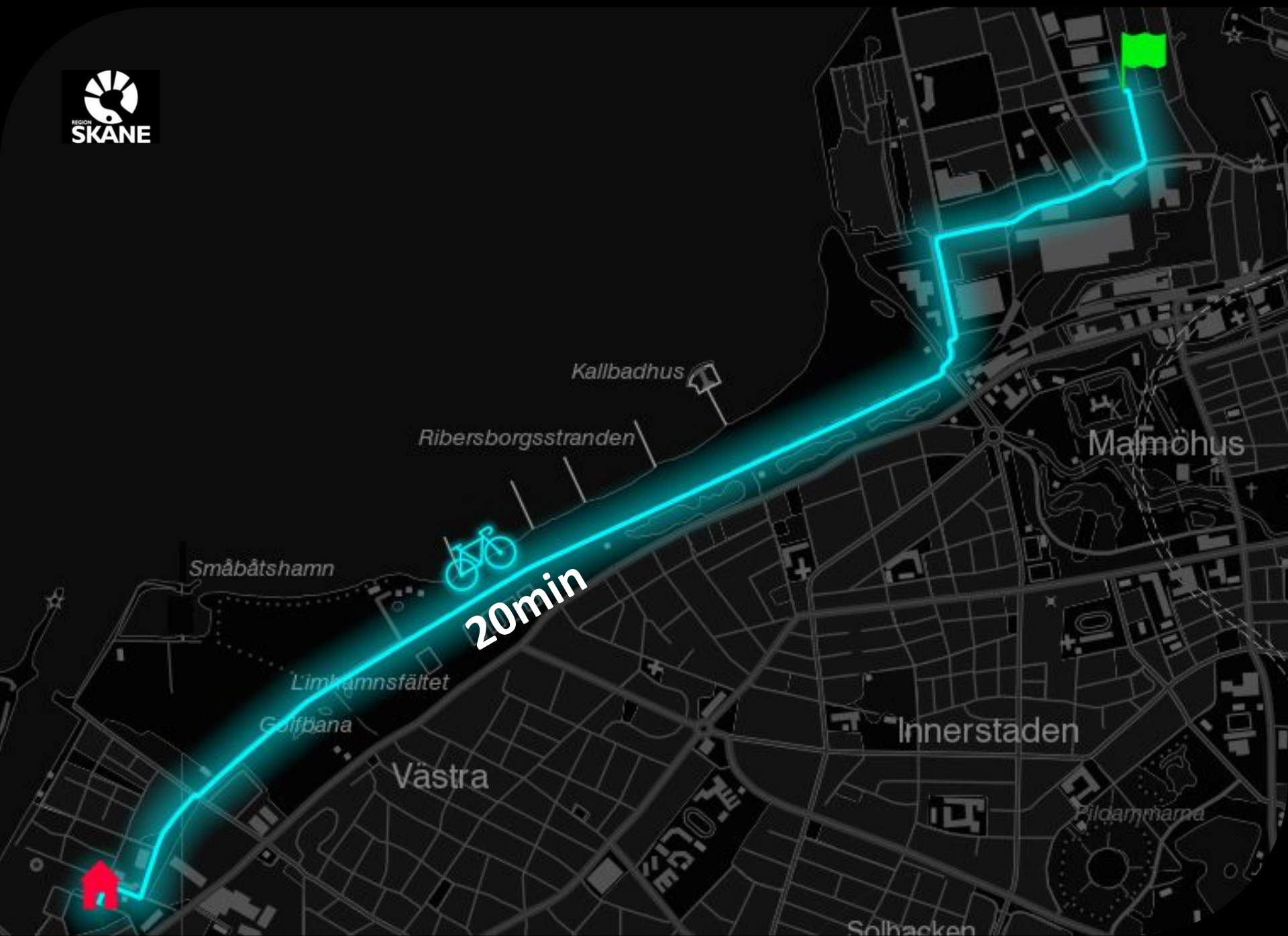


Bicycle  
paths

Trains and  
buses

**Roads**

- i. Input data - Opportunities and limitations
- ii. Accessibility model and data processing**
- iii. What does our model tell us?
- iv. Challenges and future improvements



Four main mode shares:

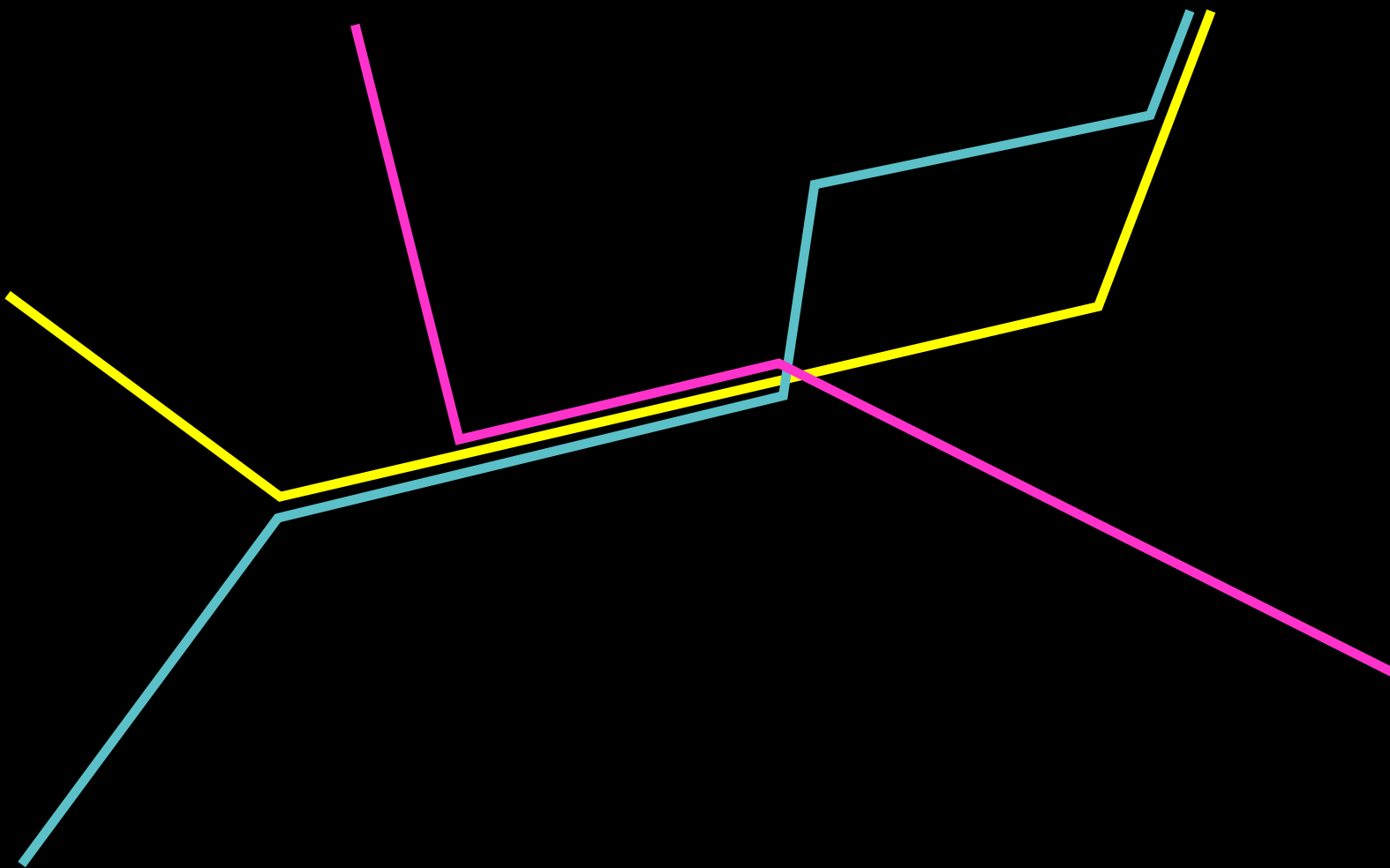
- 1. Walk**
- 2. Bicycle**
- 3. Car**
- 4. Public Transport**

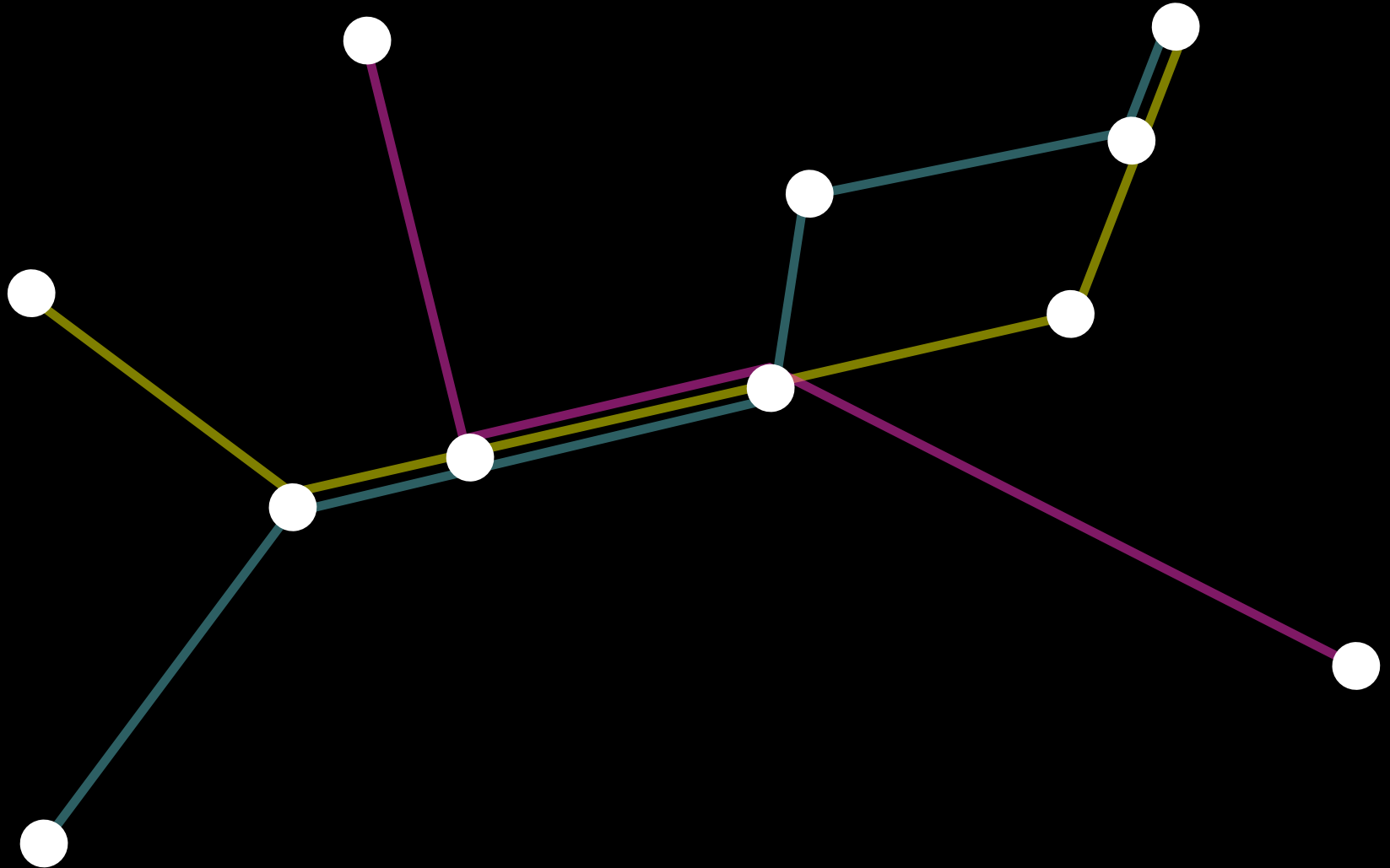


Now we've calculated  
*routes for each individual's journey*  
from home to work / school.

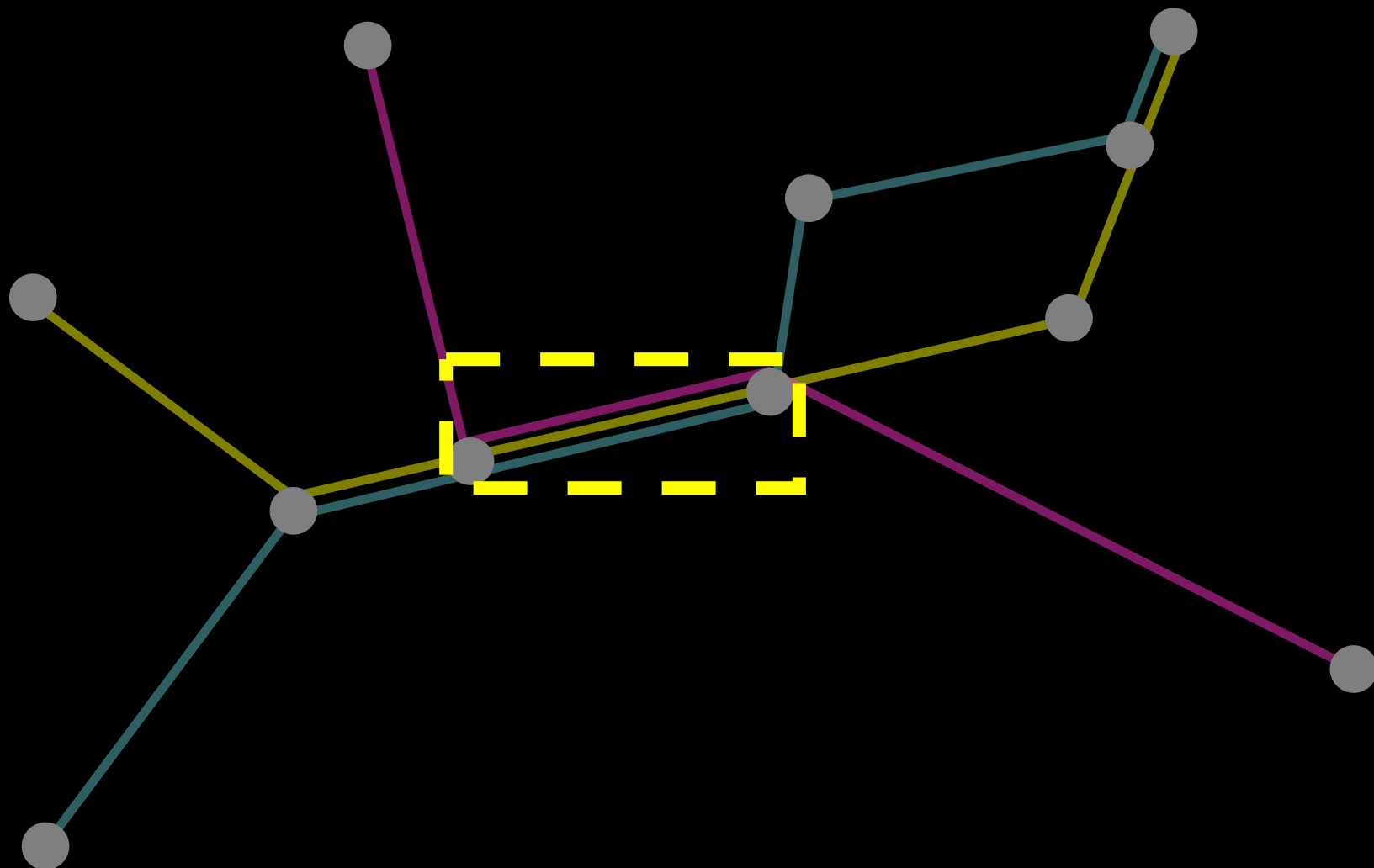
Now we've calculated  
*routes for each individual's journey*  
from home to work / school.

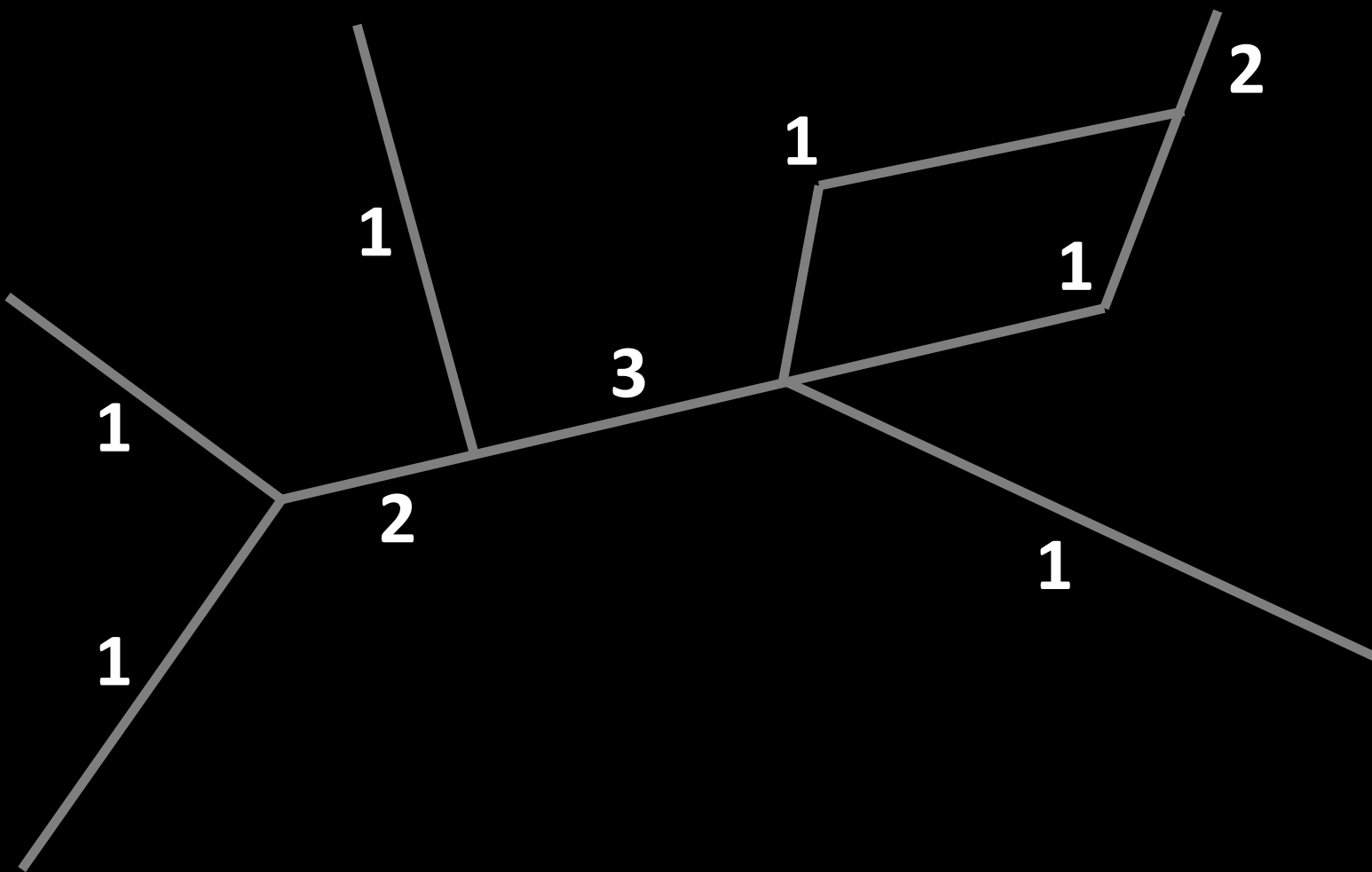
If we want to answer the questions in our  
project aims, *we need to aggregate our data.*



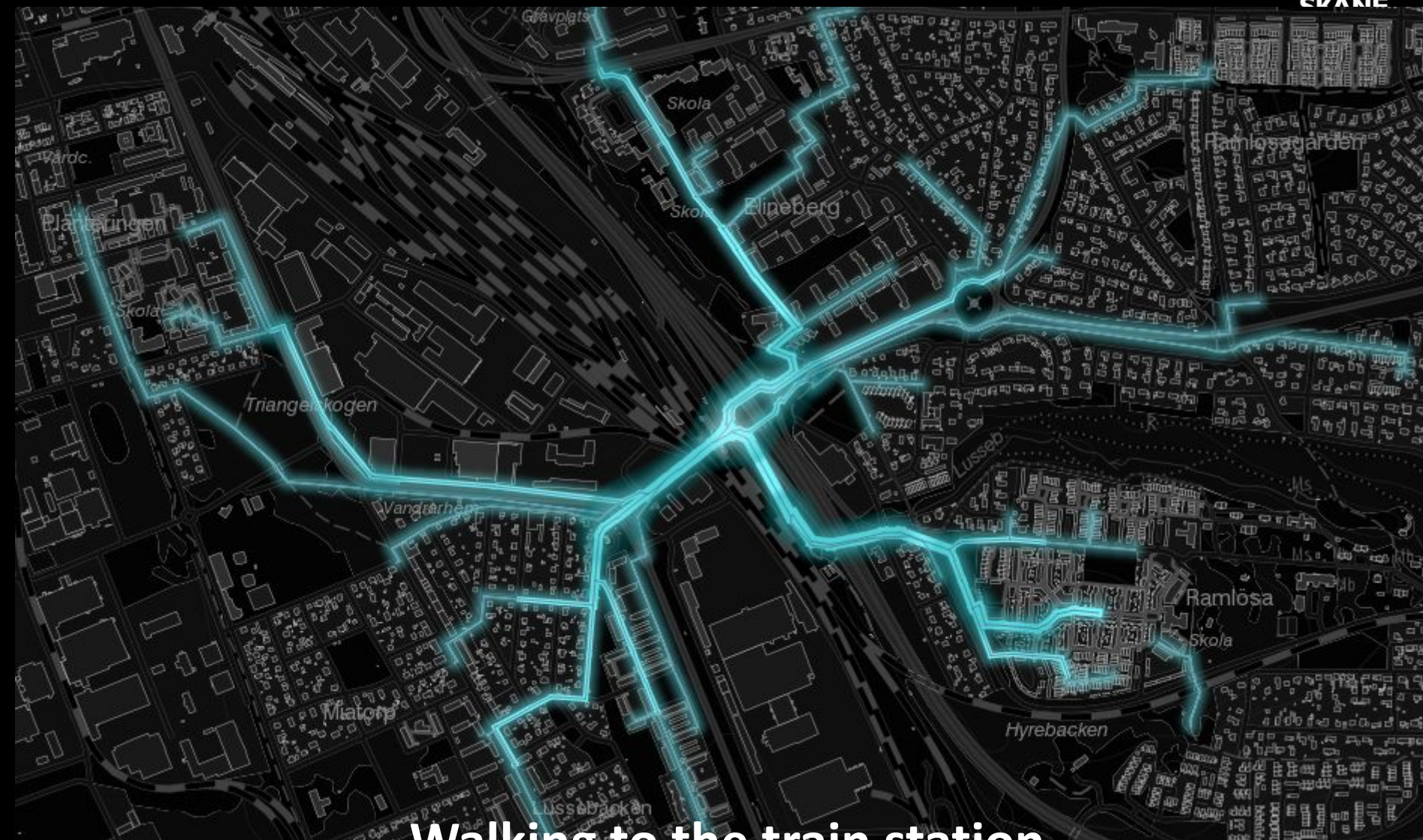








- i. Input data - Opportunities and limitations
- ii. Accessibility model and data processing
- iii. What does our model tell us?**
- iv. Challenges and future improvements



**Walking to the train station**





70 %

of all Scanians can travel to work  
without a car...

...yet only 42 % do so today

- i. Input data - Opportunities and limitations
- ii. Accessibility model and data processing
- iii. What does our model tell us?
- iv. Challenges and future improvements**

- Coordinates that don't match reality
- Poor data quality for bicycling and walking infrastructure
- Modelling public transport
- Modelling cycling route preferences



- Coordinates that don't match reality
- Poor data quality for bicycling and walking infrastructure
- Modelling public transport
- **Modelling cycling route preferences**



# Questions?

[corey.ragosnig@skane.se](mailto:corey.ragosnig@skane.se)

