

**The initial**

# **Agent steps to implement MATSim**

in South Africa

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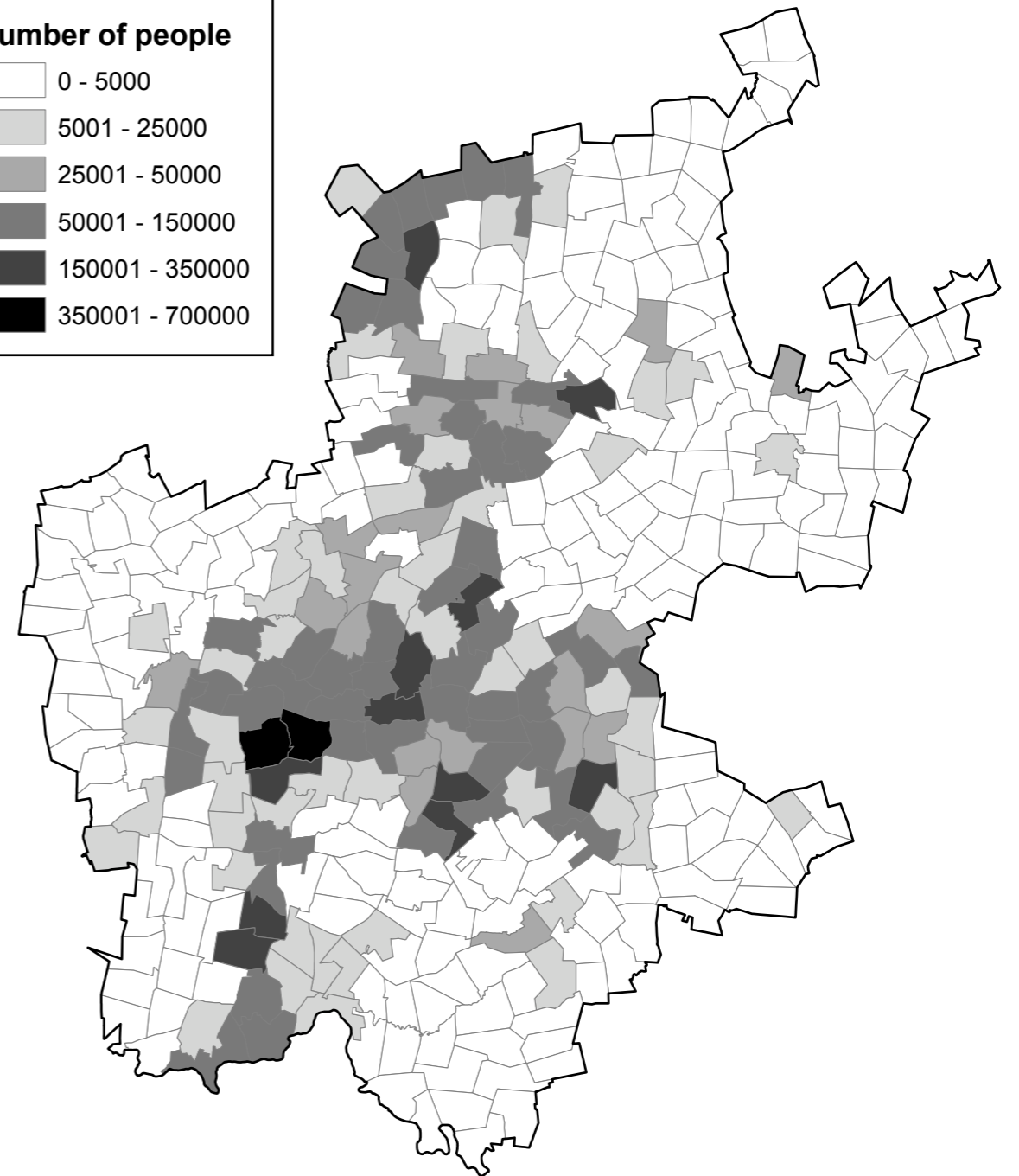
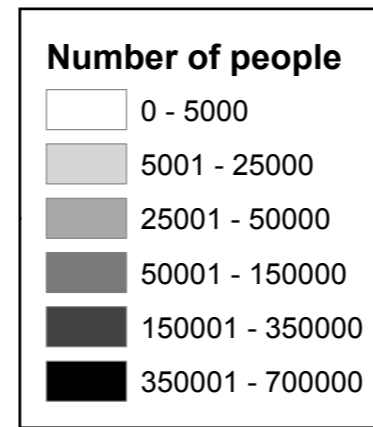


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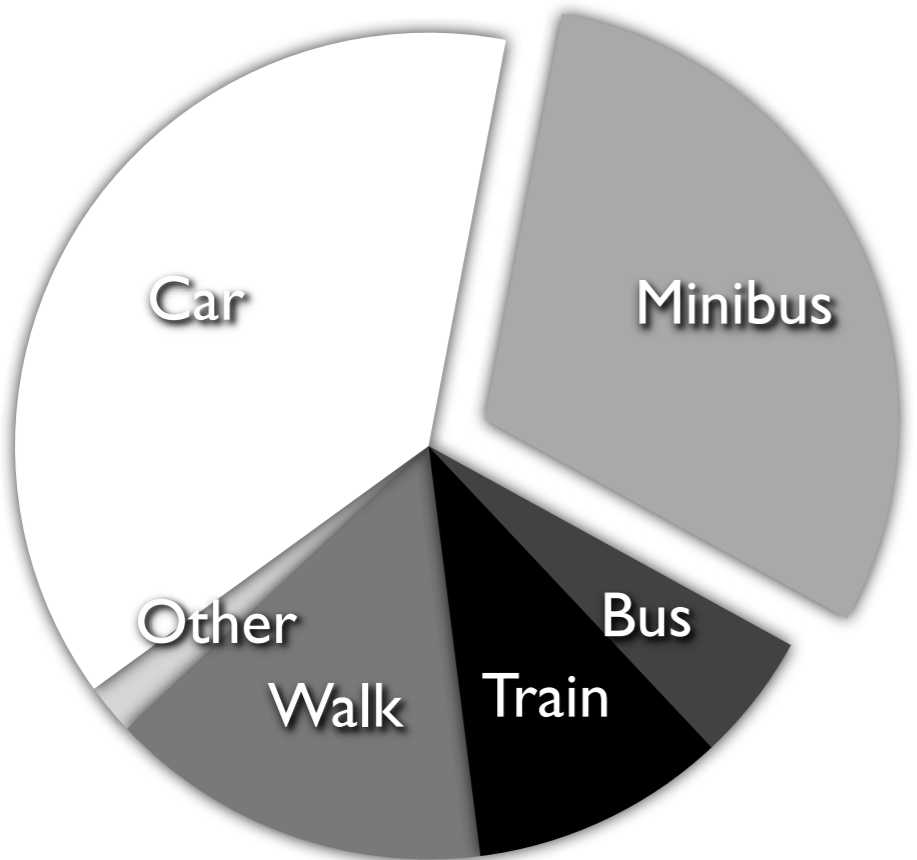
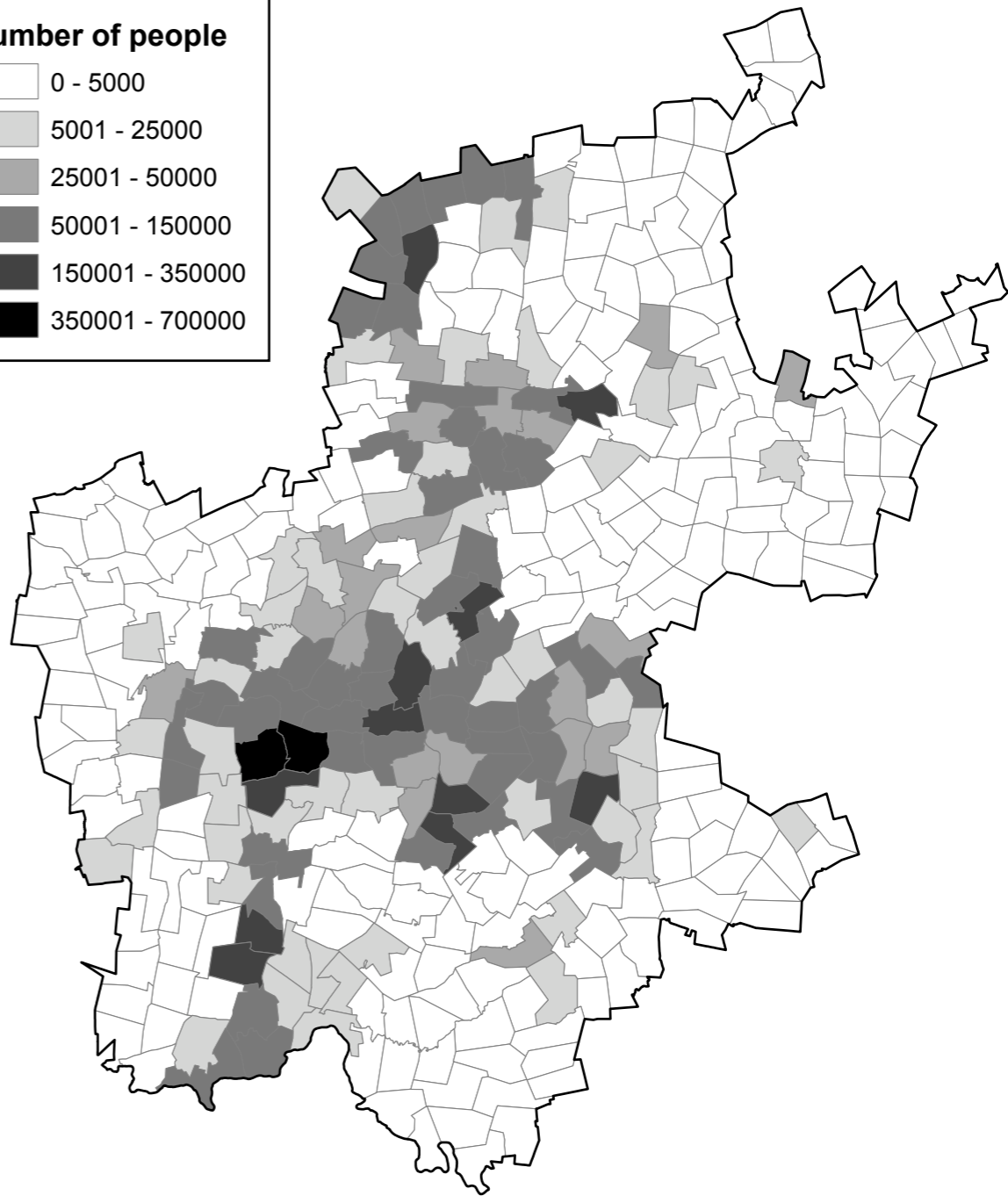
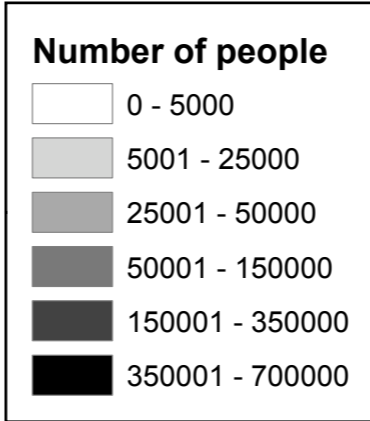


2% of land surface  
20% of population  
35% of national GDP  
10% of African GDP

# Low income commuters on the periphery



# Low income commuters on the periphery





# Taxi war flares up

JANA ENGLEBRECHT  
STAFF REPORTER

"These taxis are illegal and they are not a recognised taxi association then we are referred to other departments. The MEC for Transport

## 'This is not like war – it is war'

### Bullets fly in downtown Joburg as taxi violence erupts

BY SHAUN SMILLIE, ALEX ELISEEV,  
LINDA MBONGWA AND SAPA

**A** bloody taxi feud has claimed the lives of three people in four separate incidents in greater Johannesburg – and taxi associa-

the critically injured man.

Paramedics were forced to wait several blocks away until the shooting subsided before they could enter the crime scene with a police escort.

Joburg metro police's Edna Mamonyane said one of the injured

#### in Mdantsane

... some members out resulting in a routes. "This is a crisis for u because the places that sell ca parts have increased their price as well.

that has been ex- the main rank gath- e Mdantsane Post k and decided to xi fares to East to R6 in a bid to

ed the cost of a m's Town from London Taxi rson Philip the petrol them to on local

"People do not understand when we increase fares. "They expect to pay the same R4 they paid nine years ago,"

Cashbuild LOWEST PRICES ON







# autonomous

dynamic

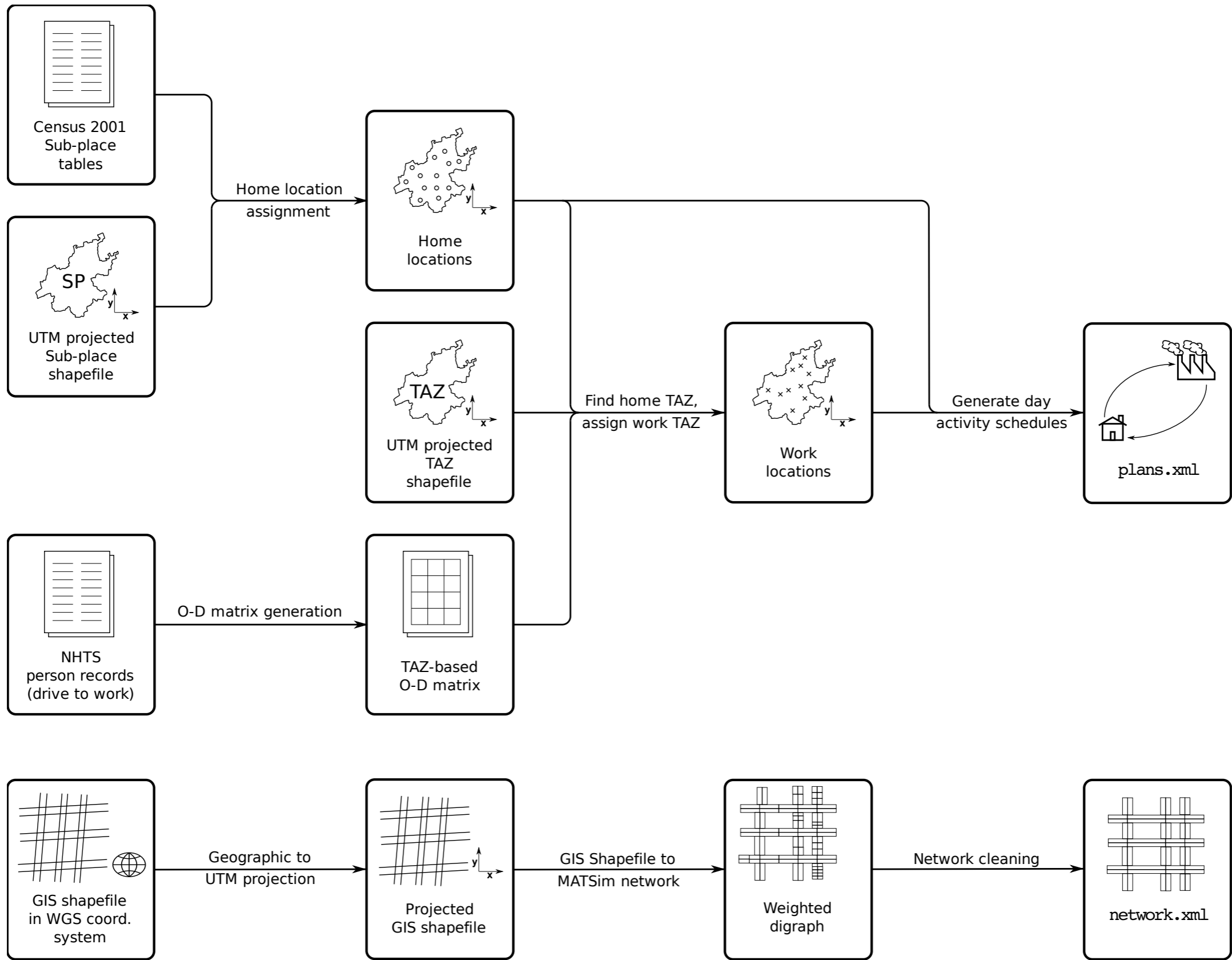
intelligent



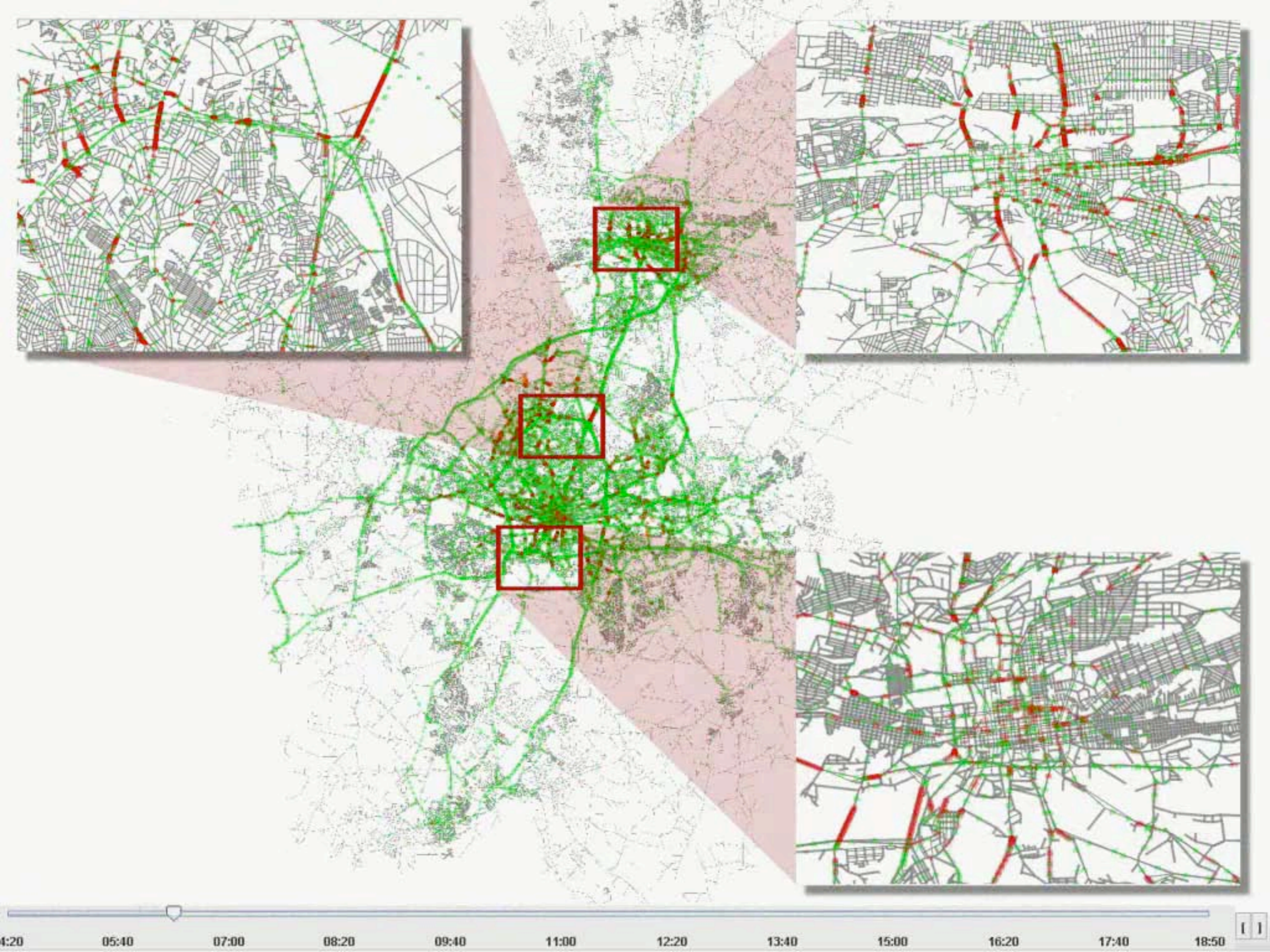
**Commuter**

# Agent



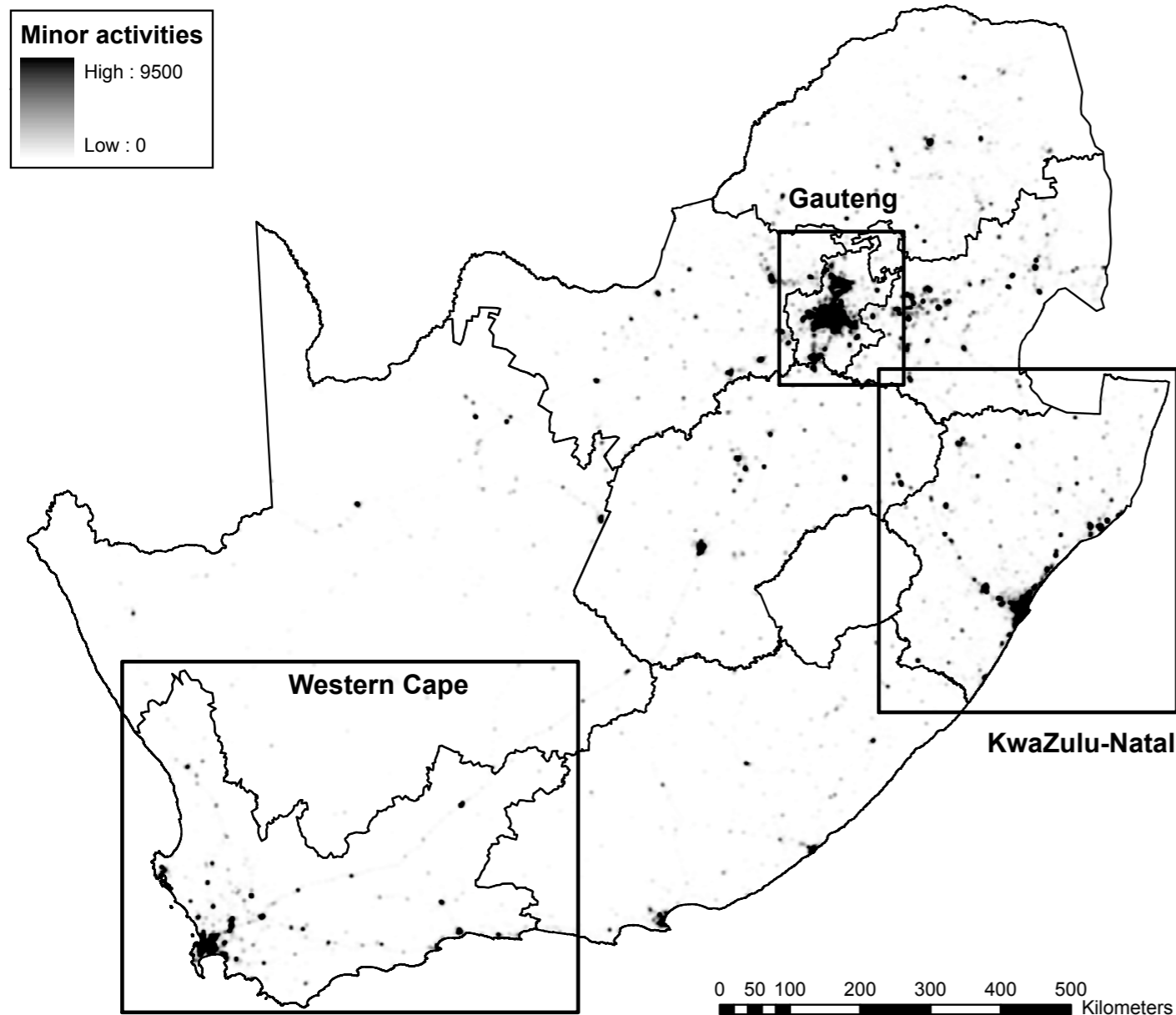






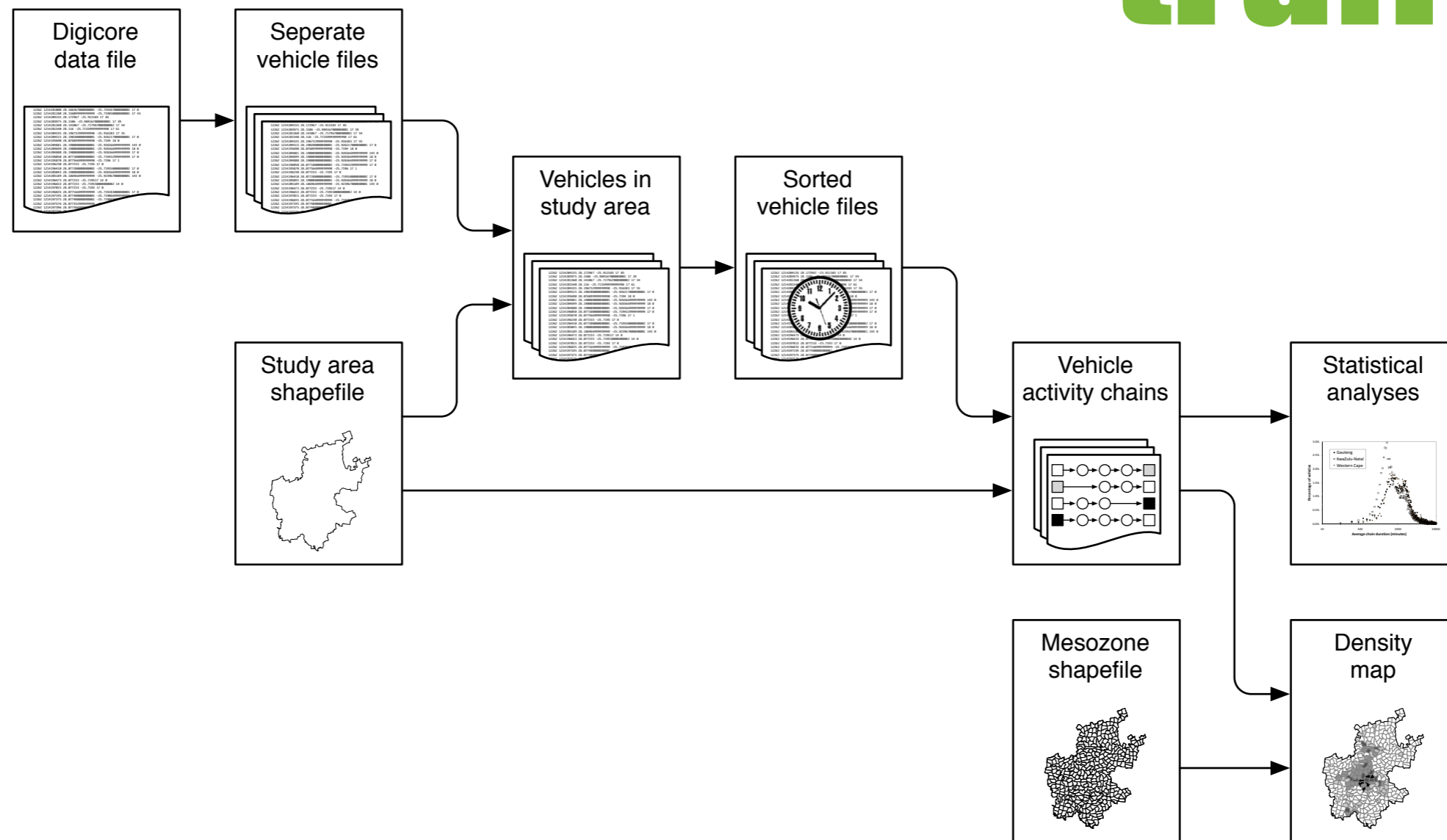
# Commercial

# traffic



# Commercial

# traffic

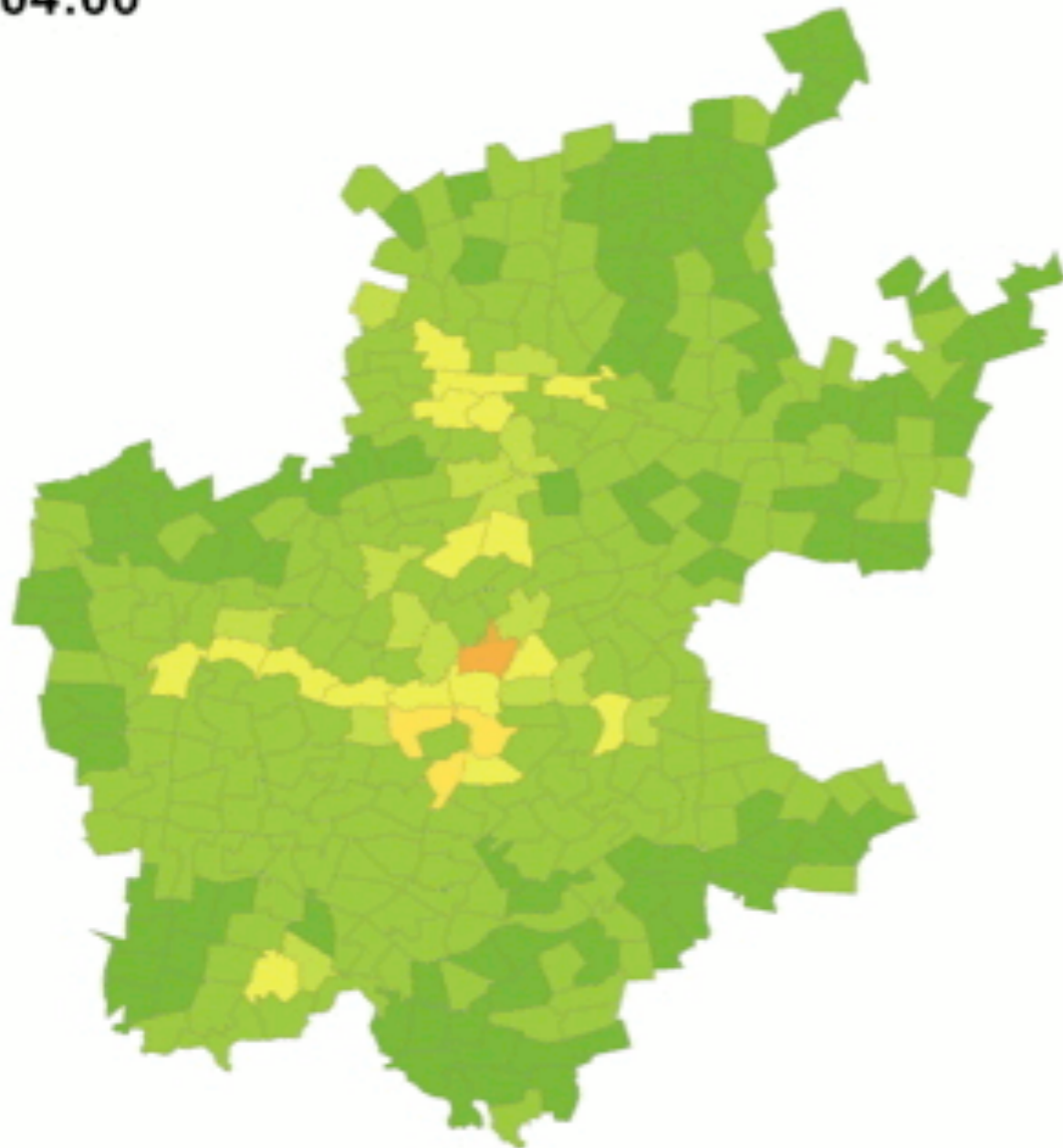




# Commercial

# traffic

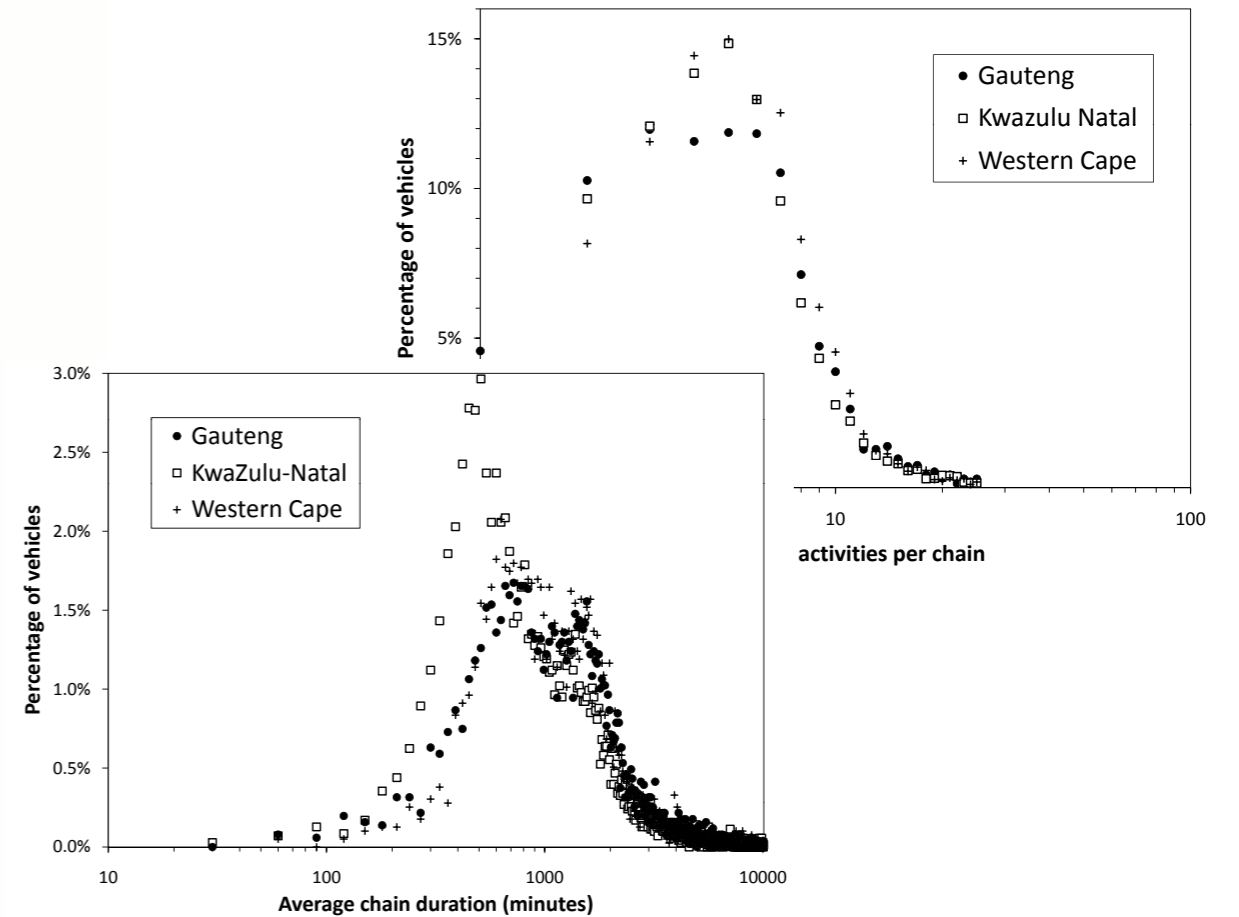
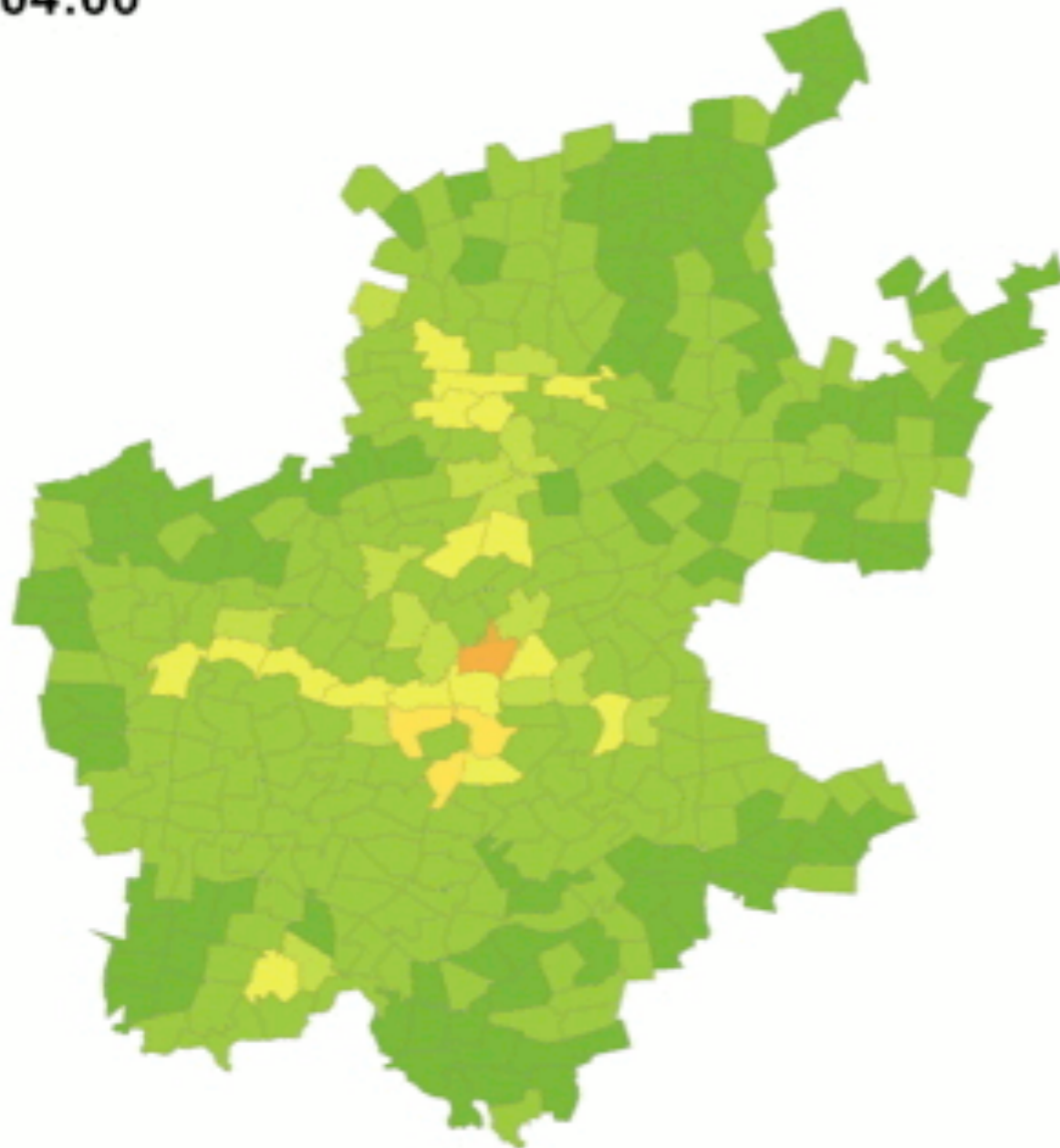
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# Commercial

# traffic

04:00





... some light in **dark** Africa