Integration of urban goods transports in urban planning

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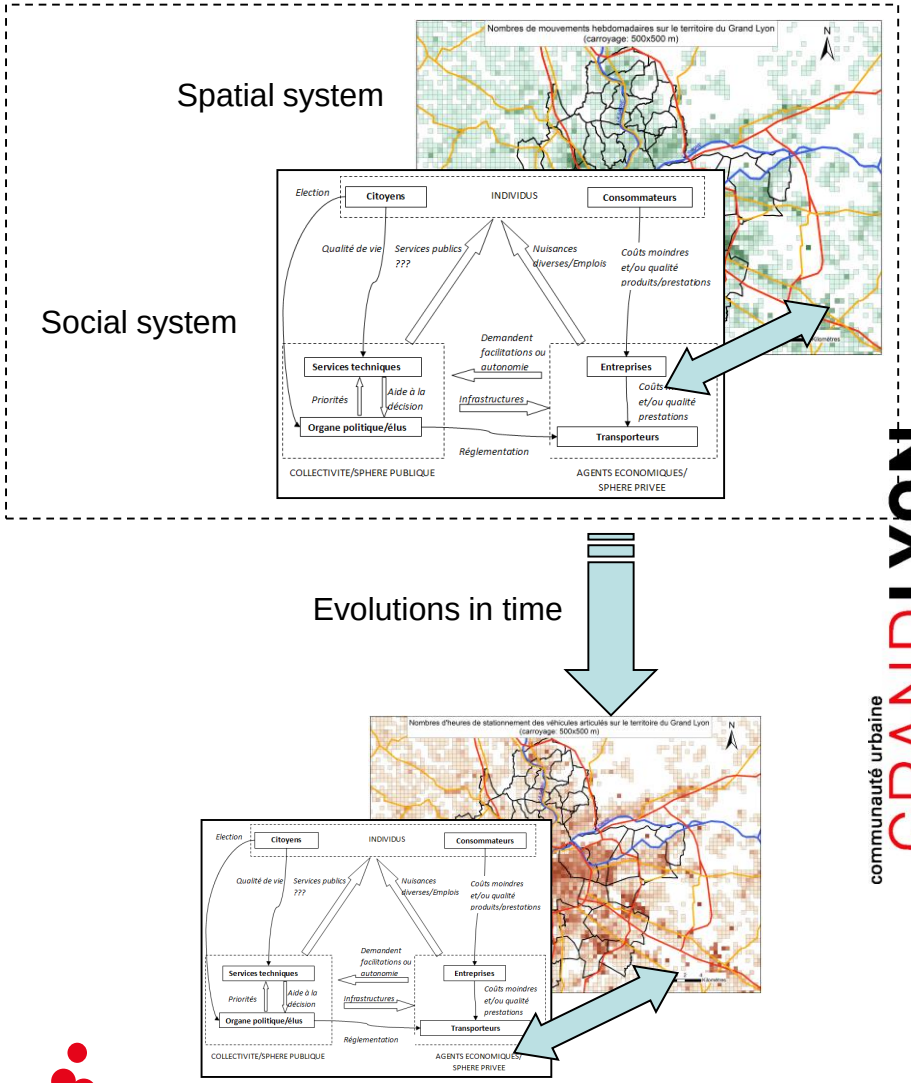
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Summary

- Joint research LET – Grand Lyon
- Fields of research : Urban planning, geography
- Main outputs:
  - Diagnosis method
  - What tools for the decision making

Urban goods diagnosis

- Systemic approach
- Understanding the urban goods territory:
  - Spatial interactions and layout
  - Social network
  - Temporal evolutions

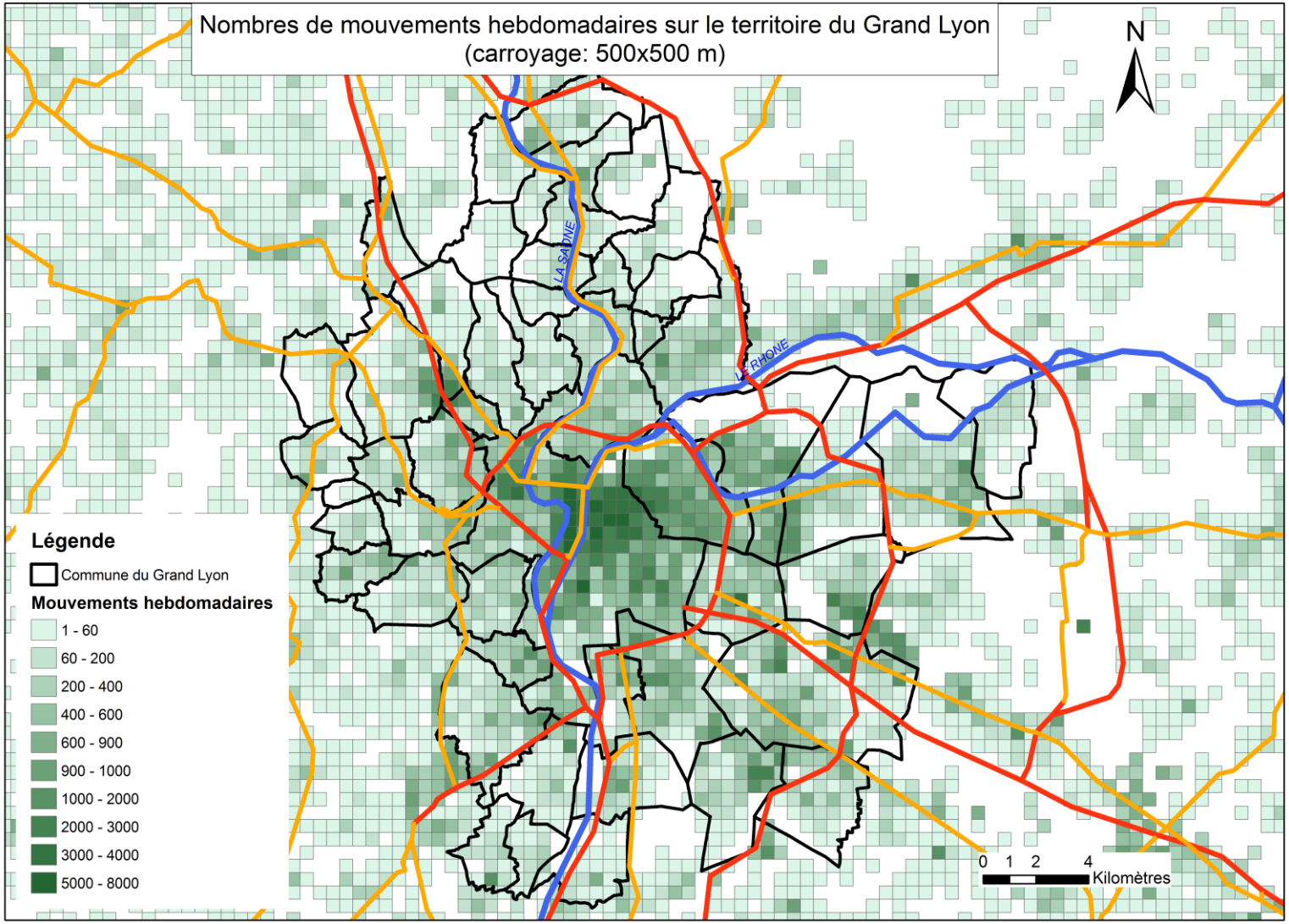


Tools for urban goods planning

- A variety of possibilities:
  - Regulations
  - Modelling tools
  - Infrastructures
  - Organisational tools

- Building a typology to use the most appropriate method with a given objective

Freturb modelling example



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Freturb: main outputs

- Number of movements
- Delivery stop durations and conditions (double lines, delivery space…)
- Generated distances
- Distribution of urban goods movements
- Size of delivery rounds

