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Tanguy Kerlau, Claudia Ximena Lopez, Corinne Siino, Mathieu Vidal, Martin Joffrion, Maxime Petitgas, Romane Serrano

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Third-places and mobility choices

Tanguy Kerlau, Claudia Ximena Lopez-Rieux, Corinne Siino, Mathieu Vidal

With the participation of Martin Joffrion, Maxime Petitgas, Romane Serrano

Introduction

According to previous research telecommuting induces a change in mobility practices, a modal shift towards walking and a reduction in distances travelled (TISSANDIER, MARIANI, 2019).

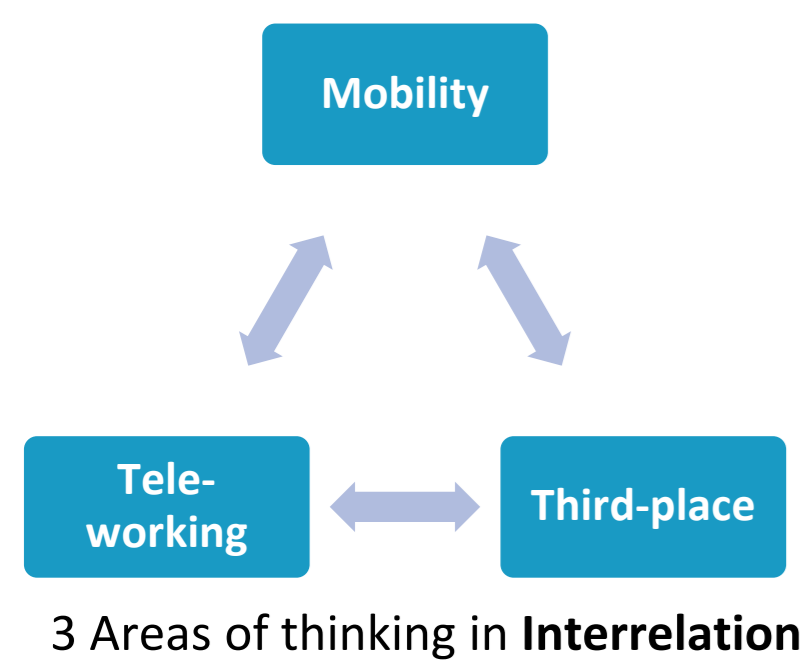
Assumptions :

- The presence of Third-Place Centers modifies users' journeys and therefore their home-work distances
- The choice of Third-Place Location depends on its proximity to the user's home

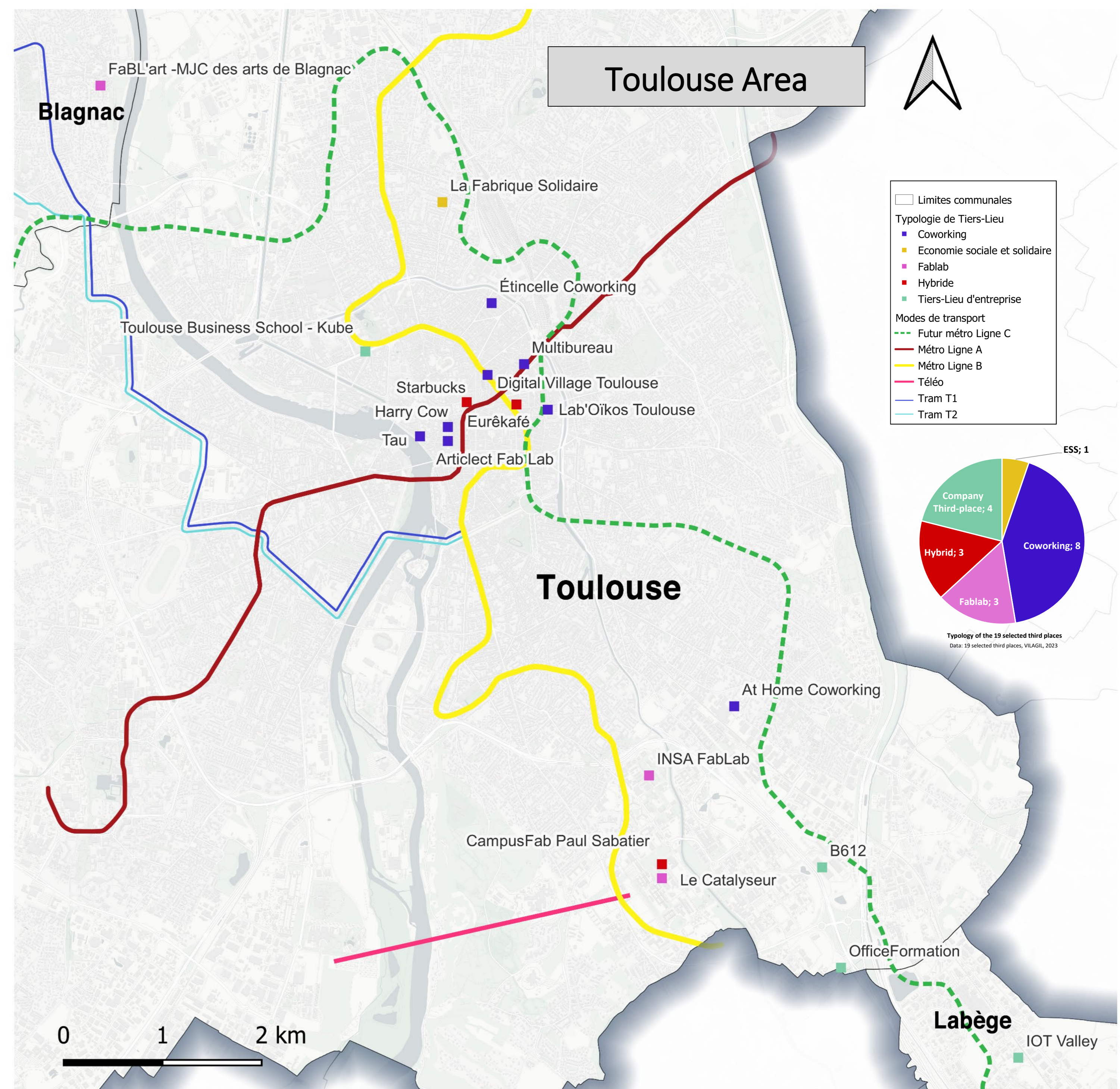
Main Question :

« To what extent is the use of teleworking and third places recomposing mobilities? »

- Are third-places changing mobility habits?
- To what extent does the practice of teleworking in Third-Places modify home-work mobility?



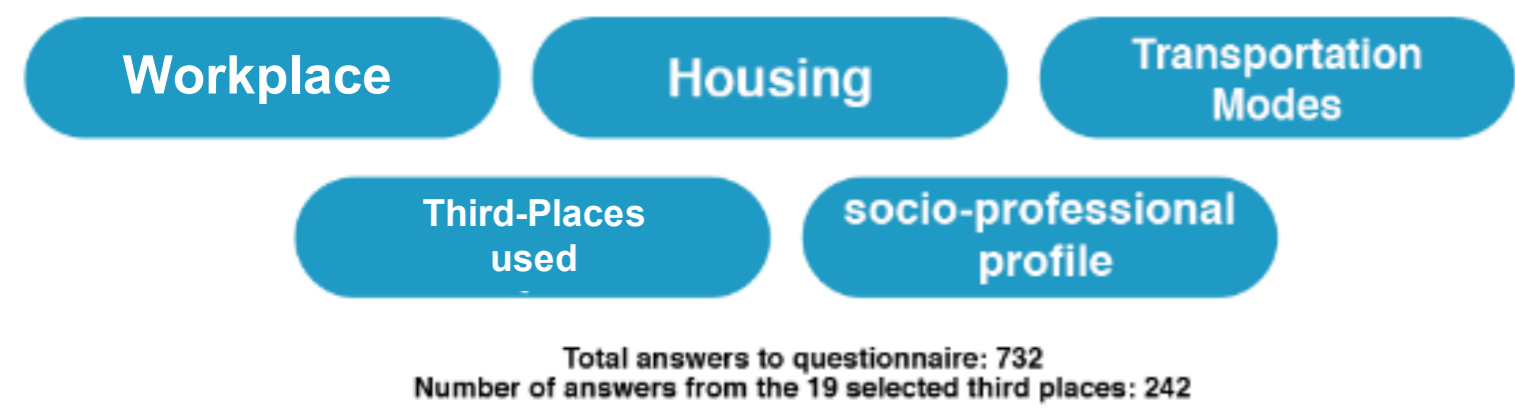
Cartography



Quantitative and cartographic methodologies

Survey 2022

Analyzed items



Cartography

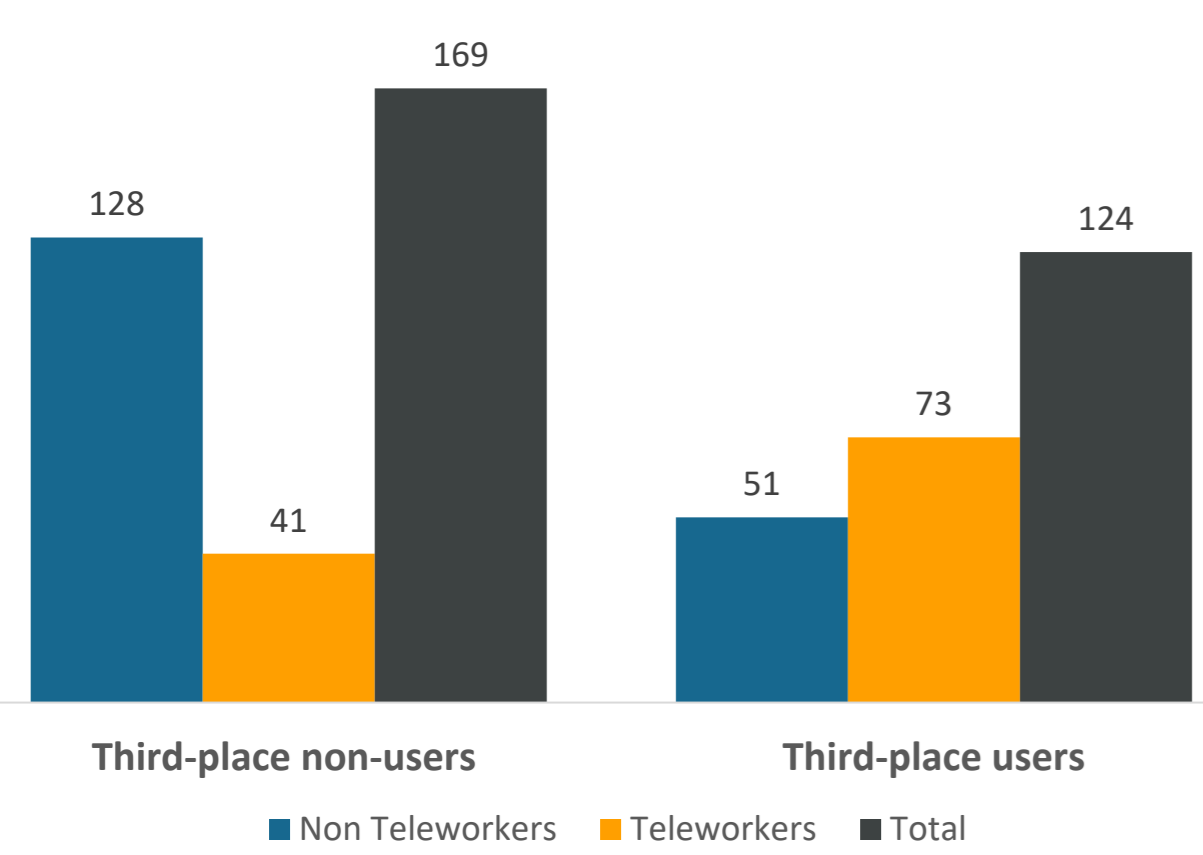
Data from the Third-Place users' :
Home postal code
Postal code work
Third-Place frequented

Implementation in QGIS

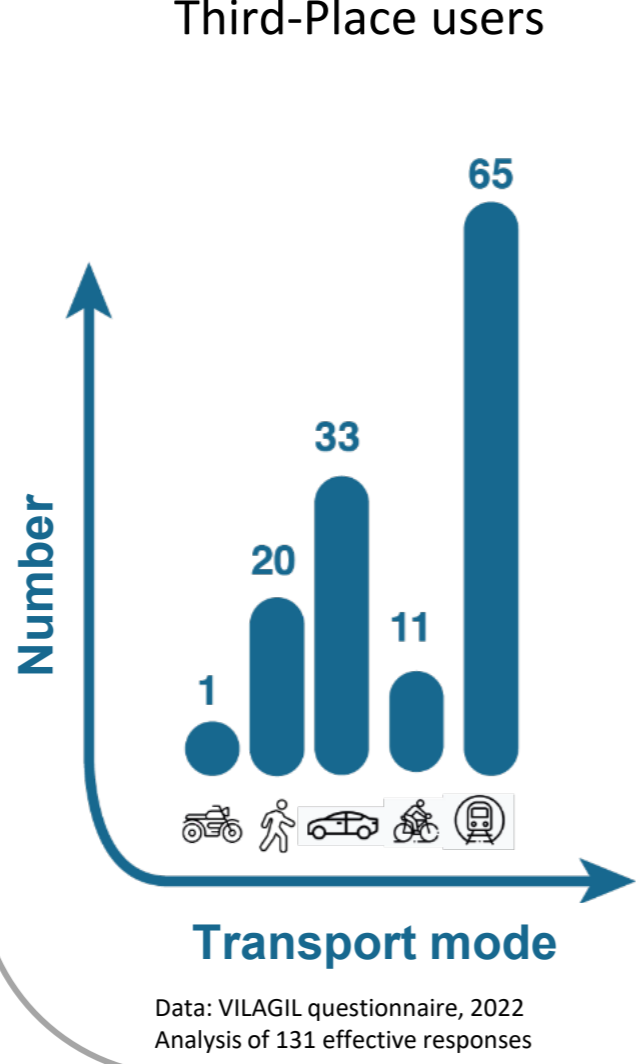
Map display by user :
Home
Workplace
Third-place

Transport modes of Third-Place users

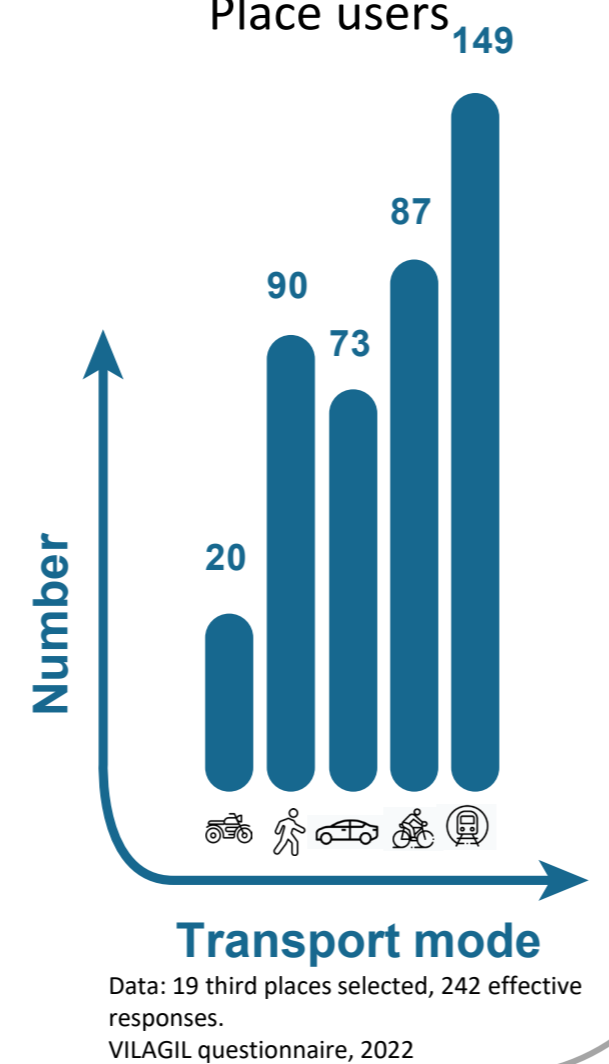
Percentage of teleworkers using a third-place



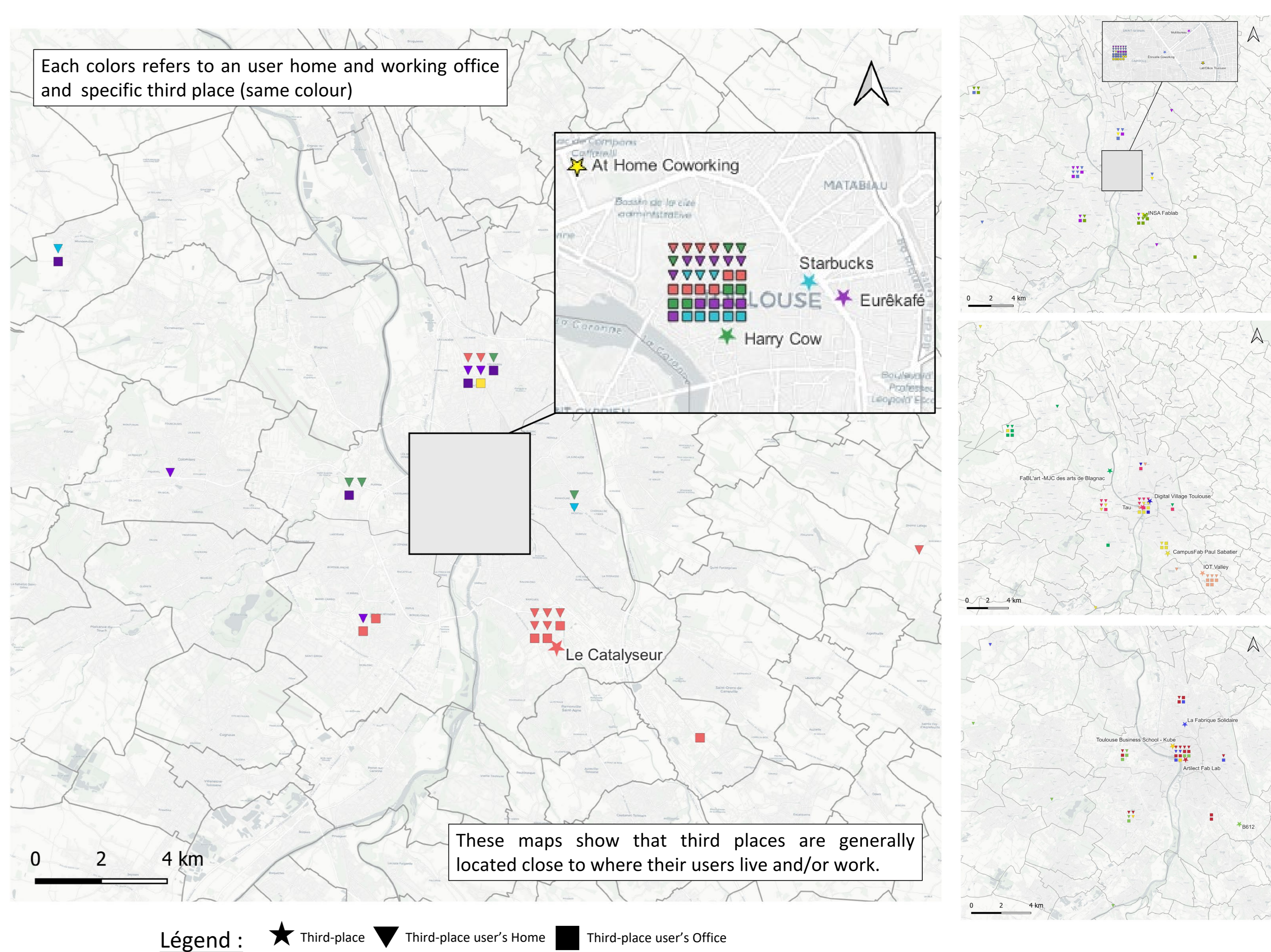
Mobility choices of non Third-Place users



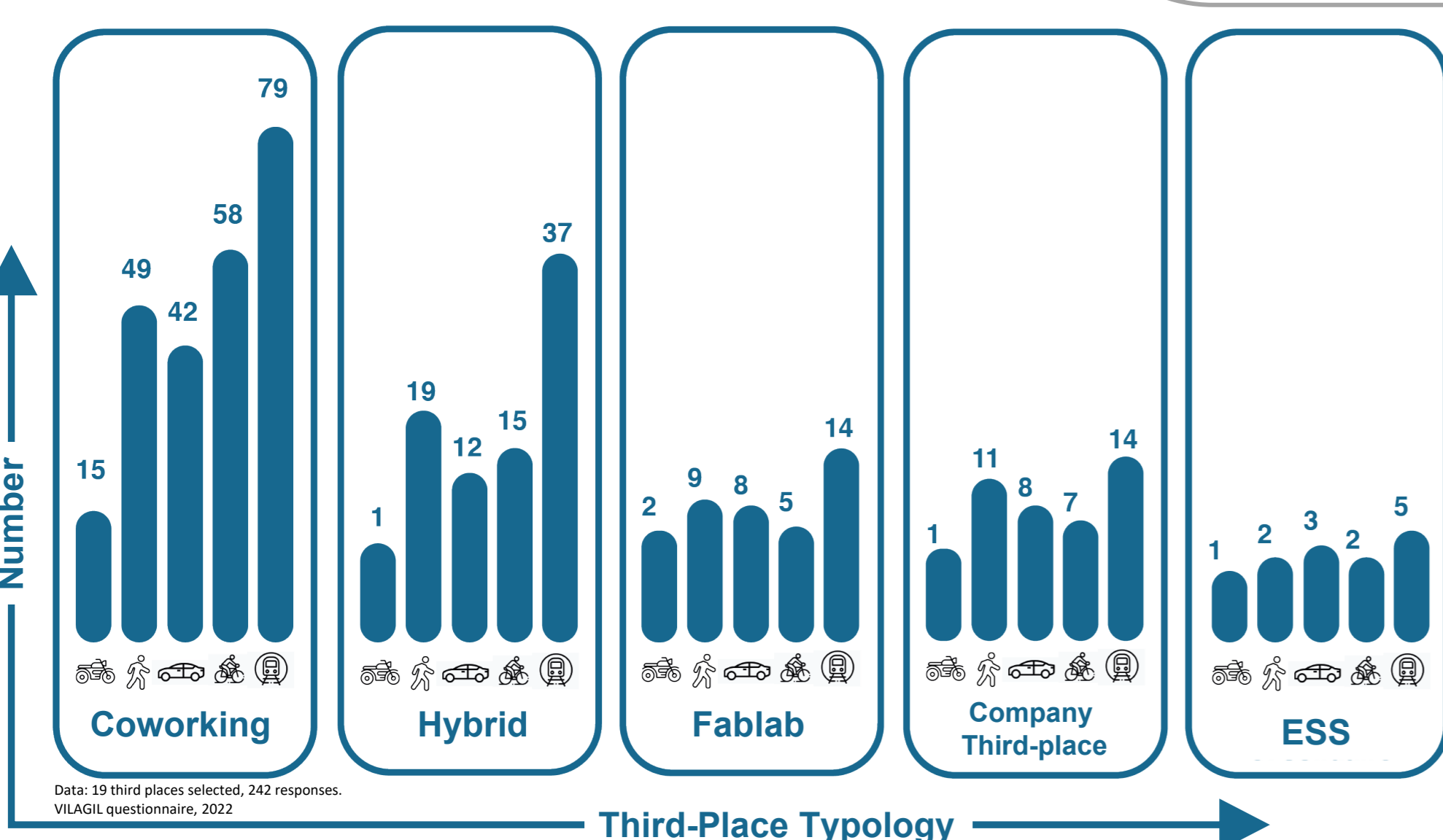
Mobility choices of Third-Place users



Workplace and home of Third-Place users in Toulouse



Types of Third-Place and how to get there



People who don't use Third-places generally don't telework. On the contrary, teleworkers are over-represented among Third-Place users.

We observe that Third-Places are changing mobility habits. Indeed, we note a modal shift towards the use of active modes (bicycle, scooter...) and walking, among Third-Place users, compared to non-users.

A pattern also emerges in the use of transport modes, depending on the type of Third-Place. Mobility is systematically dominated by the use of public transport, active modes and walking.

To sum up, Third-Places modify users' commuting distances, as they generally go to Third-Places close to where they live to telework. This in turn reduces the distance travelled. Last but not least, Third-Places modify mobility practices, and a modal shift effect is important.

Bibliography
- Ray Oldenburg, *The great good place : cafés, coffee shops, bookstores, bars, hair salons, and other hangouts at the heart of a community*, Marlowe, 1999
- Patrice Tissandier et Sophie Mariani-Rousset, « Les bénéfices du télétravail », *Revue francophone sur la santé et les territoires* [En ligne], Mobilités Transports et Santé, 2019

Contacts: vilagil-cieu@univ-tlse2.fr