

Transnational Network of Integrated
Planning Labs: co-creating knowledge on
forward-looking transdisciplinary planning
perspectives addressing climate change
and urban life in the post-pandemic city.

InPlaLabs



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Project: Erasmus+ 2023-1-EL01-KA220-HED-000160477

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Project number: 2023-1-EL01-KA220-HED-000160477 Erasmus+

Analytical planning-support tools for integrated urbanism-mobility planning Knowledge Sharing Workshop, 6th June 2025

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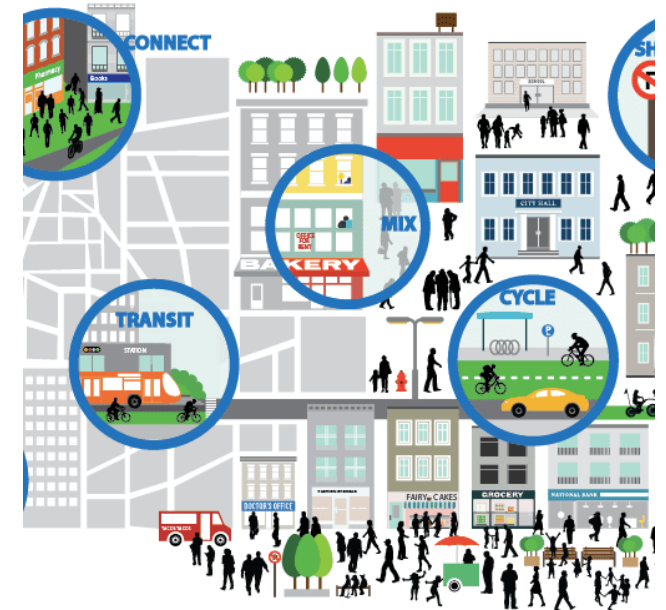


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Integrated planning for accessible cities

- Conventional planning approaches do not consider both transport and urban dimensions
- However, spatial planning is an interdisciplinary concept
- Urban and transport dimensions play a pivotal role in shifting from conventional to sustainable approaches
- How could these be linked?
 - Through combined urban and transport policies and interventions under the main concept of integrated planning

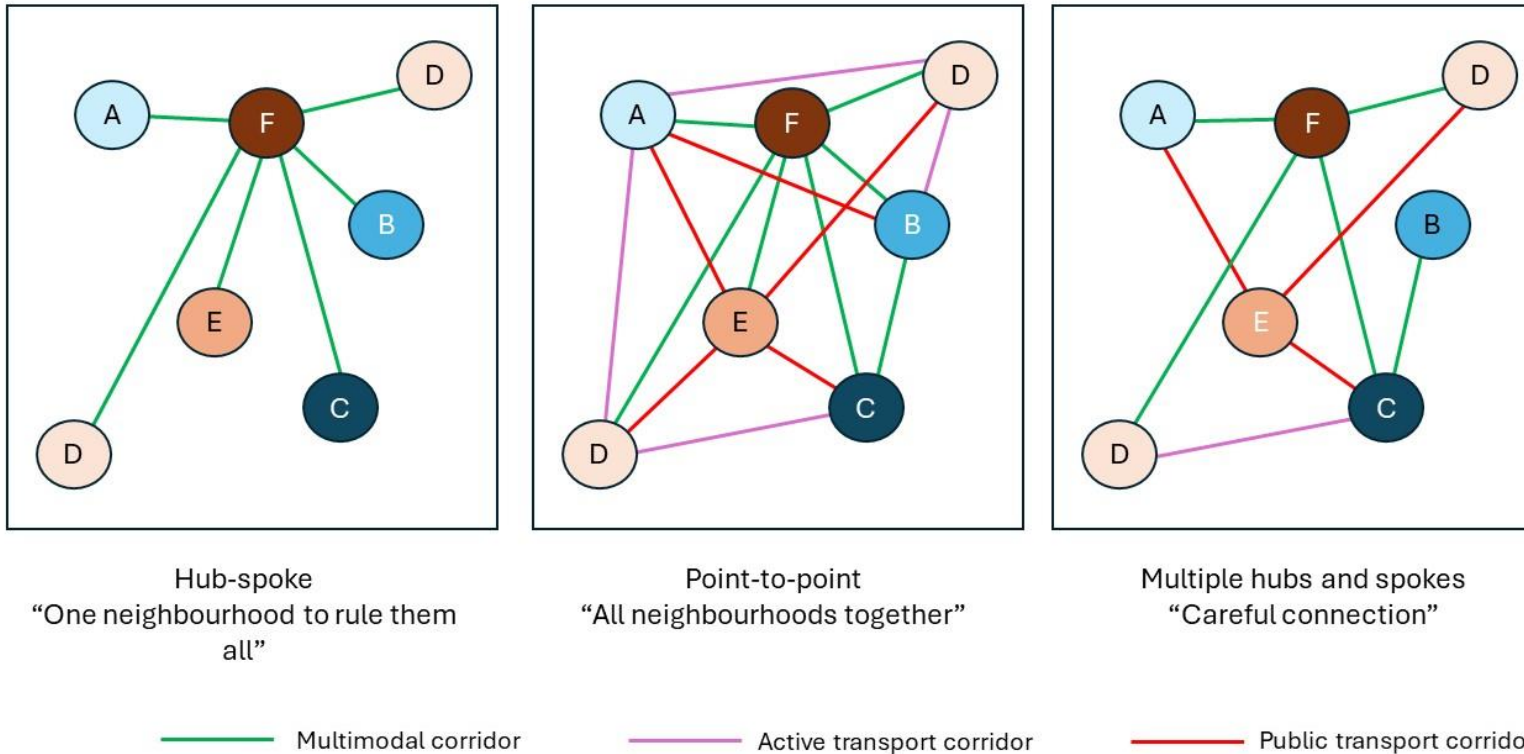


Source: <https://www.treehugger.com/>

Connectivity or proximity (accessibility) planning



Connectivity planning: When we connect land uses with each other



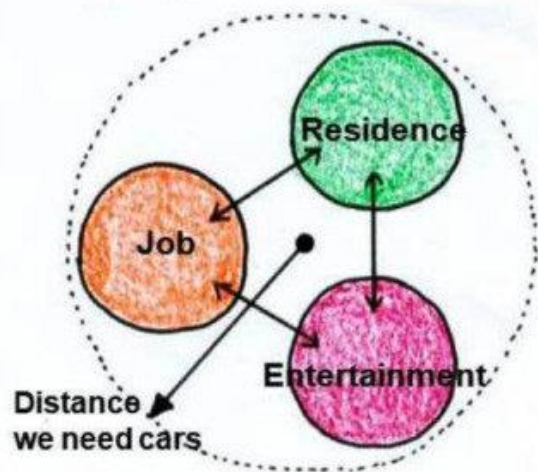
Source: Paraskevopoulos et al., 2024

Connectivity or proximity (accessibility) planning

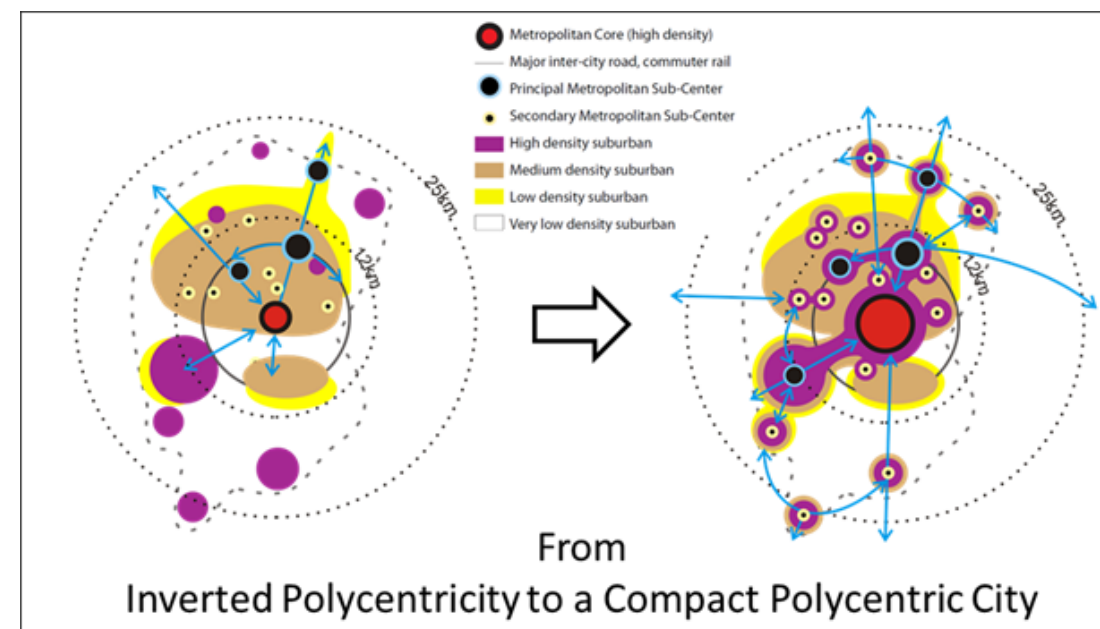
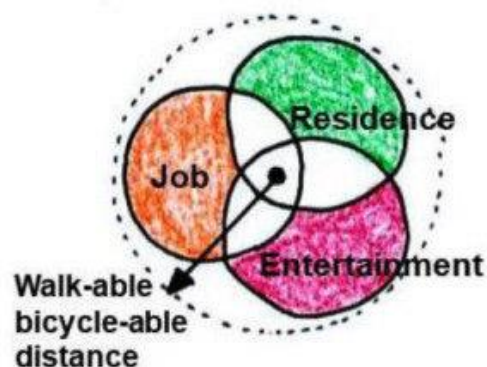


Proximity planning: When we plan new land uses or re-distribute existing ones

Zoning of functions makes people depend their transportation on private cars.

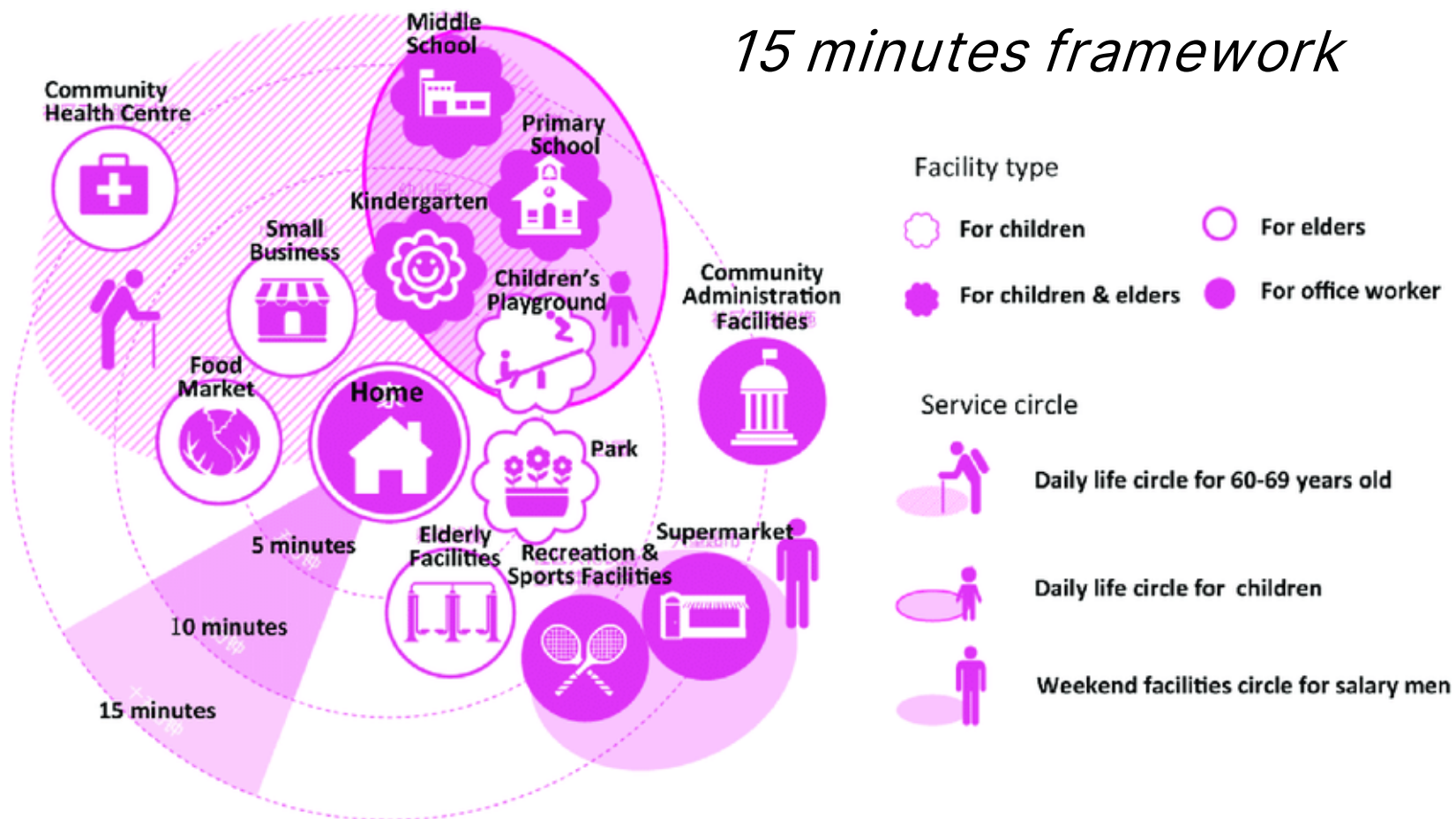


Compact nodes can reduce car uses and people can walk or use bicycles in the community.



Source: Shrivastava and Singh, 2020 & <https://www.joburg.org.za/>

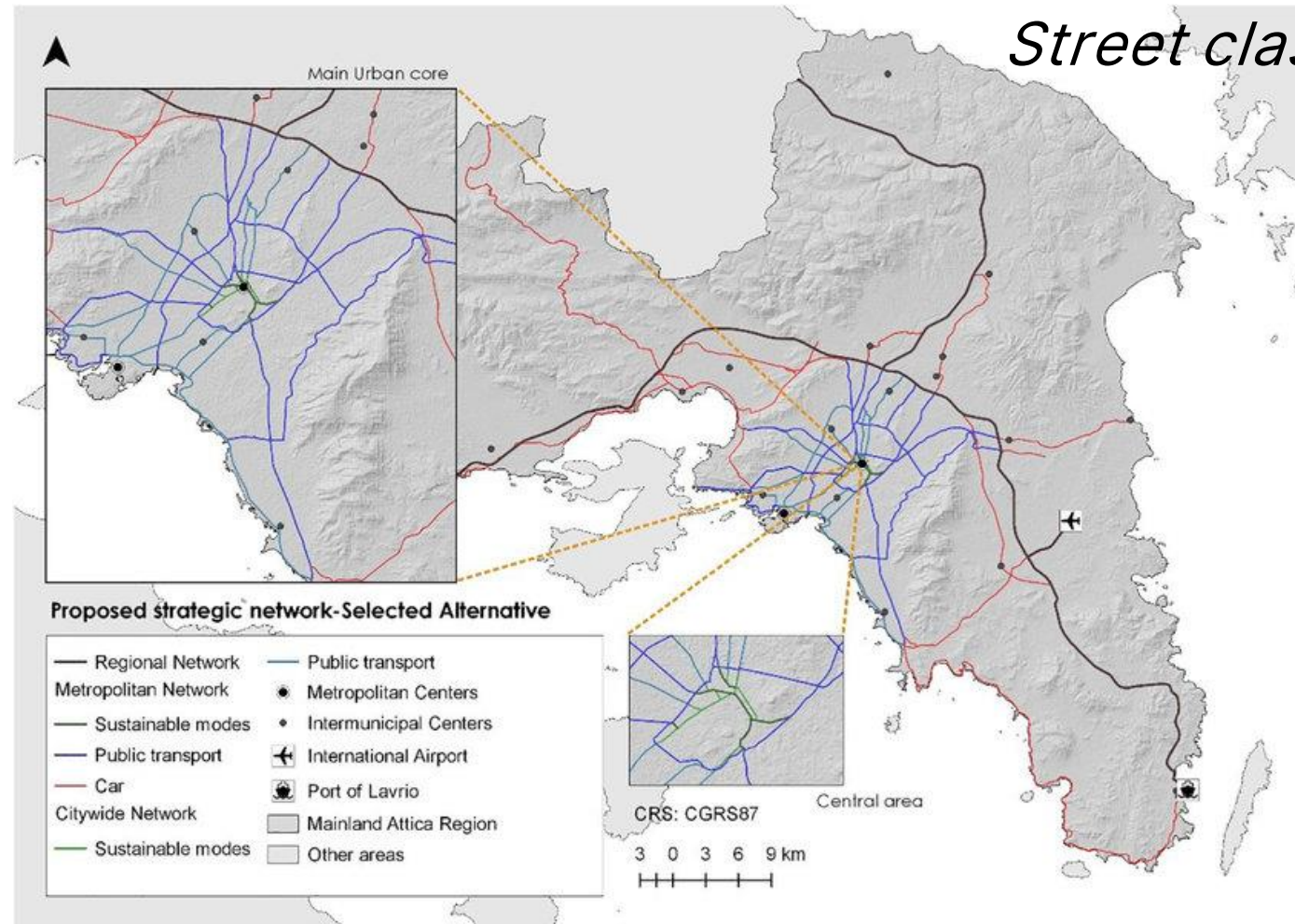
Connectivity or proximity (accessibility) planning



Source: Hou and Liu, 2017

Connectivity or proximity (accessibility) planning

Street classification

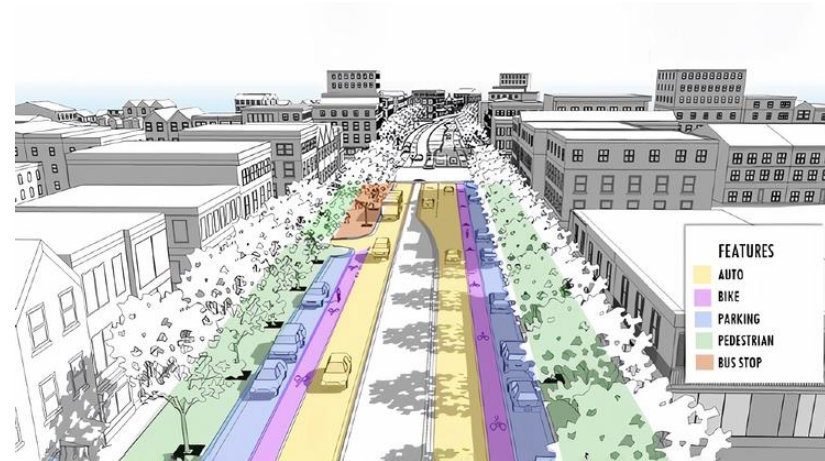


Source: Tsigdinos and Vlastos, 2021

Connectivity or proximity (accessibility) planning

Diving into practice-Connectivity

- New bus lines and exclusive bus lanes
- New tram stations
- New metro stations
- Street classification reformulation
- Transformation of major arterials into multimodal corridors
- On-demand private vehicle services
- Promotion of bike/scooter sharing
- Parking restriction



Source: Teixeira et al., 2024, Paraskevopoulos et al., 2024 and own elaboration

Connectivity or proximity (accessibility) planning

Diving into practice-Proximity

- New public spaces and/or improvement of existing ones
- New land uses plan (municipality or local government)
- Car restriction zones
- Supporting local economy
- Prevention of gentrification and touristification/Affordable housing
- New local centres
- Street activities/active frontages/open markets
- Multipurpose buildings/spaces



Land Use framework



Source: Teixeira et al., 2024, Paraskevopoulos et al., 2024 and own elaboration

Connectivity or proximity (accessibility) planning

Diving into practice-Common measures

- Prioritisation of pedestrian accessibility and walking against car
- Shared streets with various transport modes (walking, cycling, car)
- Prioritisation of cycling/micromobility against car
- Traffic calming areas/Road safety measures
- Tactical urbanism/pilot measures
- Green corridors



Source: Teixeira et al., 2024, Paraskevopoulos et al., 2024 and own elaboration



thank you!

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