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Usages et Pratiques de la Ville Intelligente

Making Up the Smart City:

From Parts to the Whole

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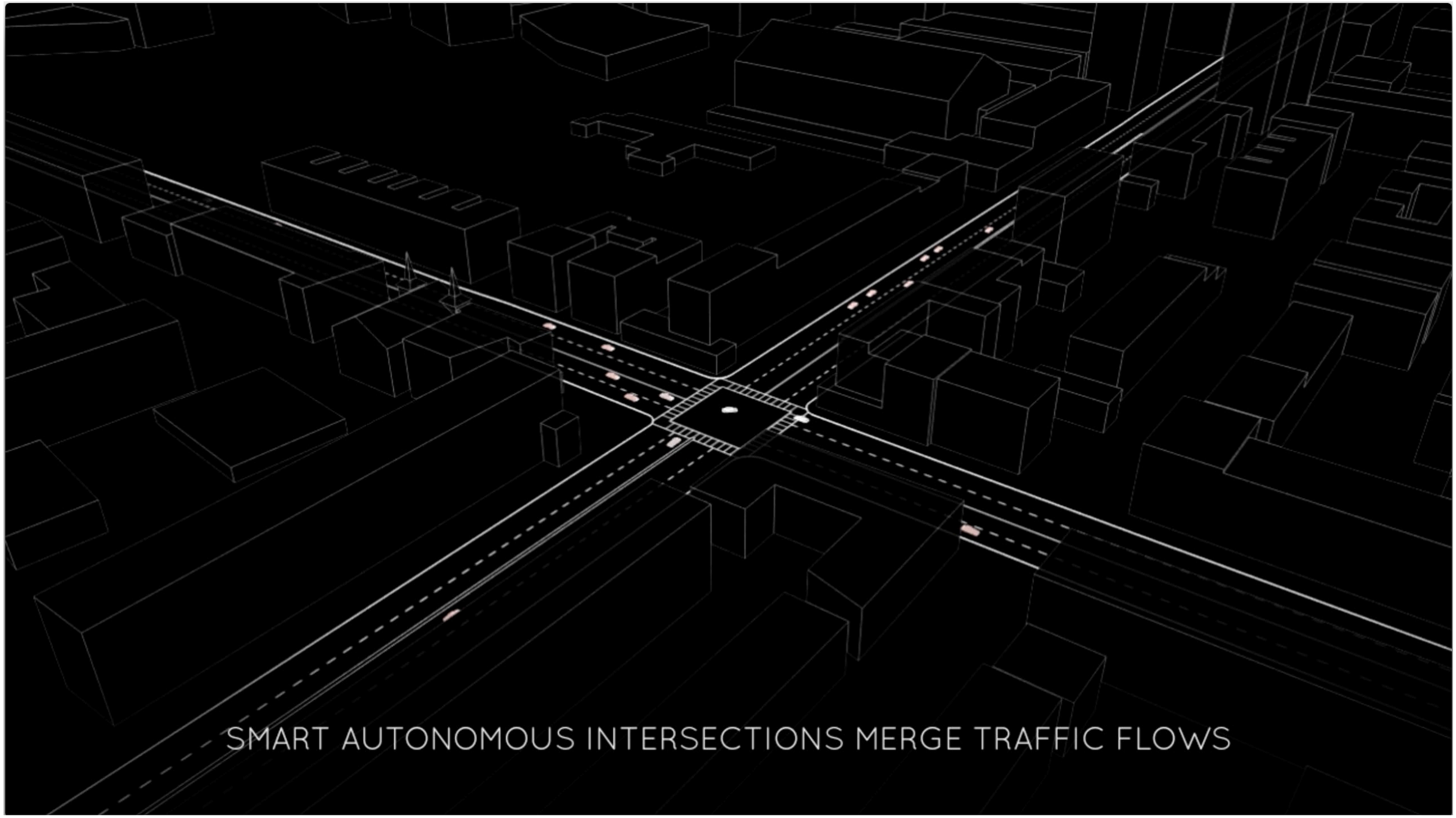
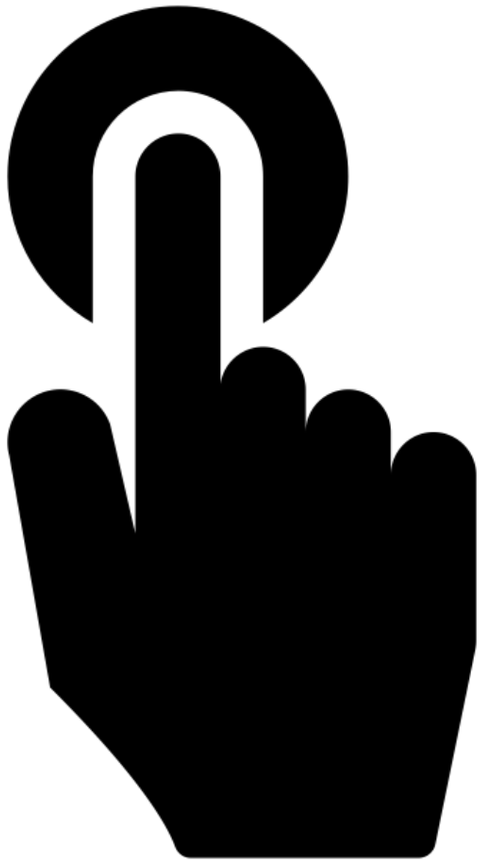
Source: MIT Senseable City Lab (http://senseable.mit.edu/wave/)



Smart Cities and Autonomous Vehicles

To solve everything, click here:



Smart Cities and Solutionism

Source: Ben Green (2019): The Smart Enough City, MIT Press.

Smart Cities and Autonomous Vehicles

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The Dumb City

”a municipality that stubbornly refuses new technology and clings to obsolete and inefficient practices.”

Source: Ben Green (2019): The Smart Enough City, MIT Press, p.10.

The smartness of the city

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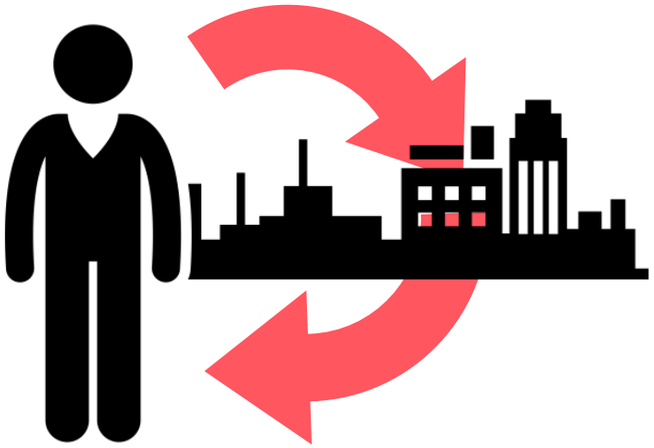
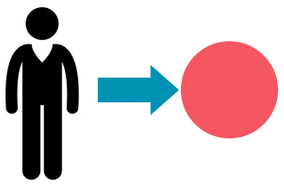
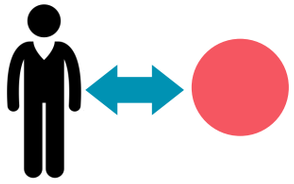
Smartness understood as the **capacity to adapt** (adaptability)



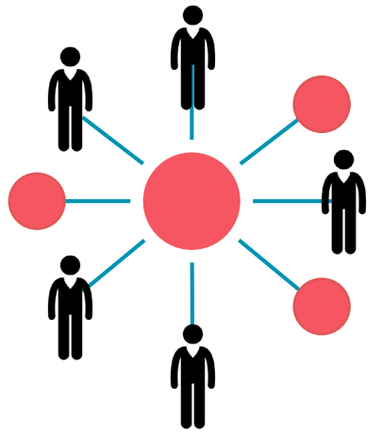
Adaptation through utilization and exploitation of knowledge about citizens
(learning from the past)



Adaptation through learning from the citizen
(refined learning from citizens thanks to continuous interactions between citizens and the city)



Adaptation through a relational and proactive orientation
(relationship innovation and development of innovative solutions)



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Configuration, Coordination & Orchestration

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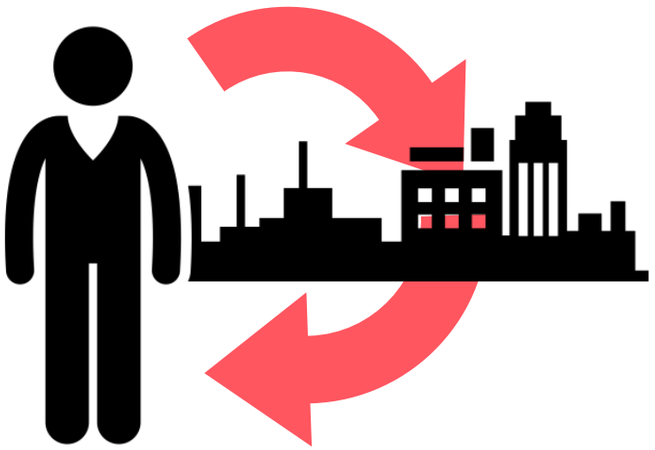
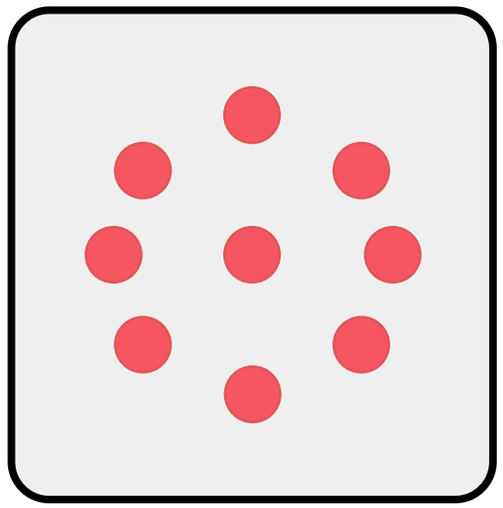
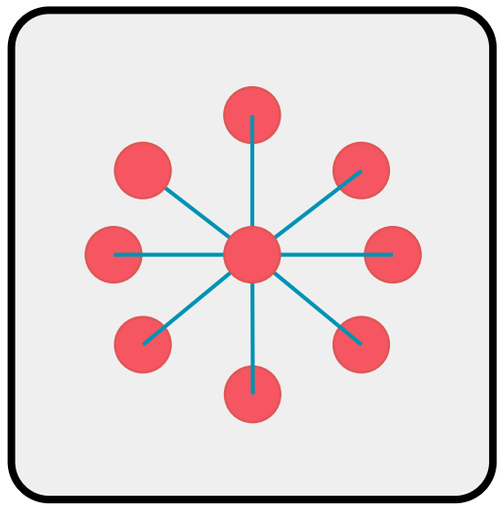


Configuration



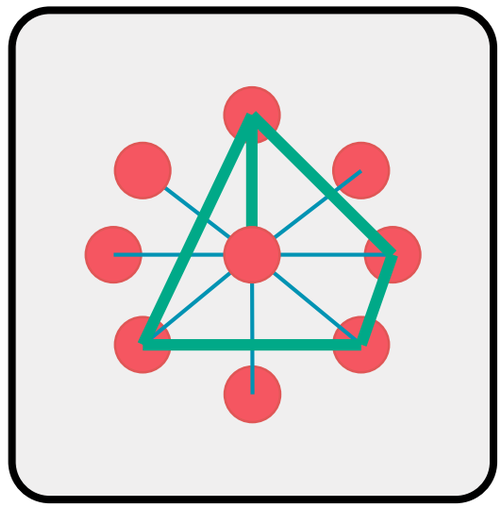
Relative arrangement of parts or elements

Coordination

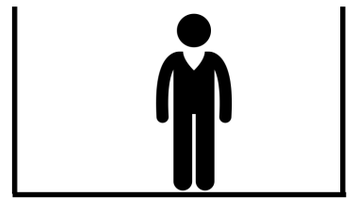


Harmonious functioning of parts for effective results

Orchestration



Harmonious (or seamless) organization



Sources: Definitions taken from Merriem-Webster.

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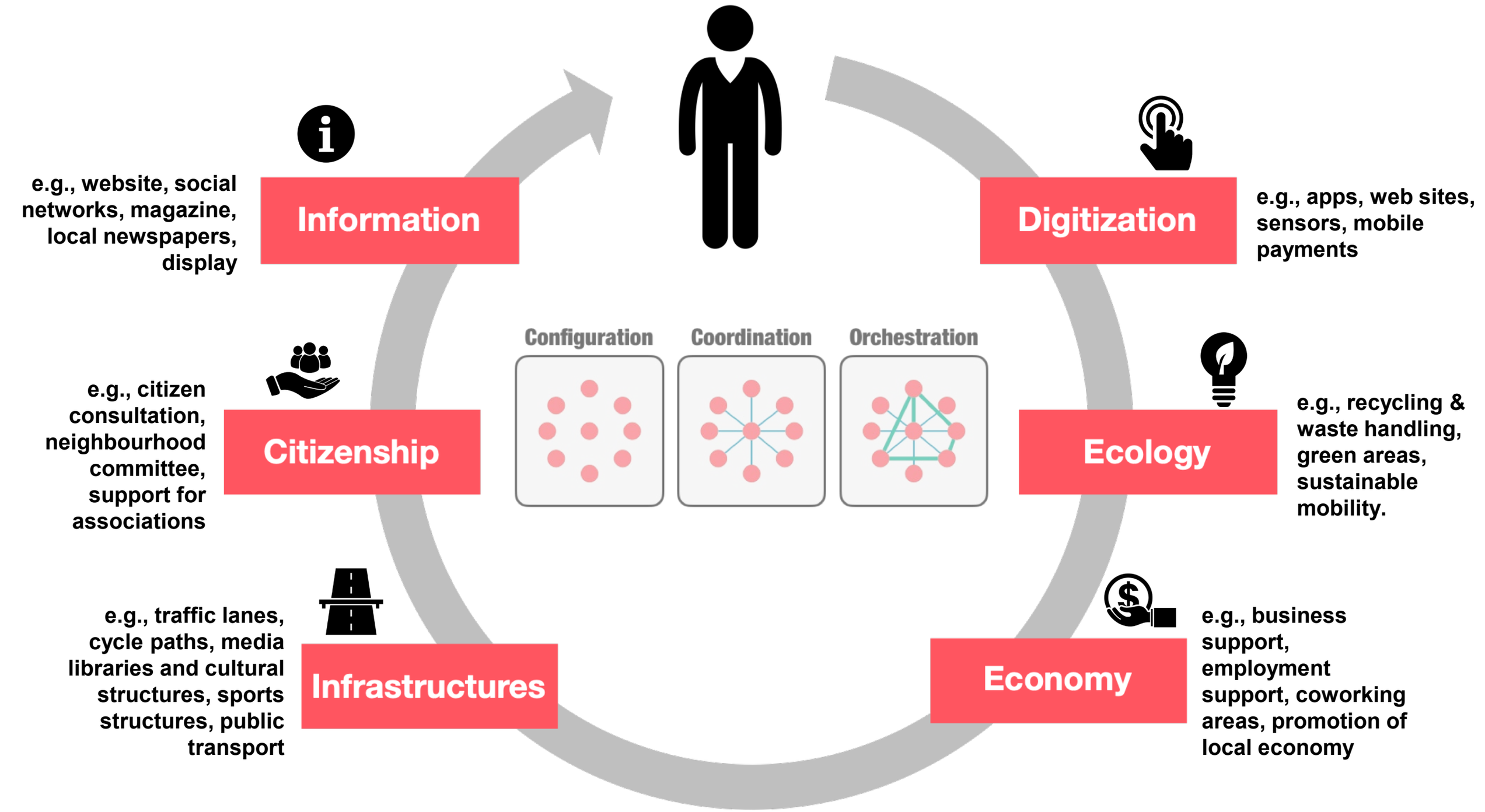

Source: Busca, L., Folcher, P., & Munzel, A. (2020): Development and results of the Smart City Uses Barometer, Unpublished Report.

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63 %

Think that their city is rather smart

10 %

Strongly agree that their city is smart

Source: Busca, L., Folcher, P., & Munzel, A. (2020): Development and results of the Smart City Uses Barometer, Unpublished Report.

What makes the city smart and liveable?

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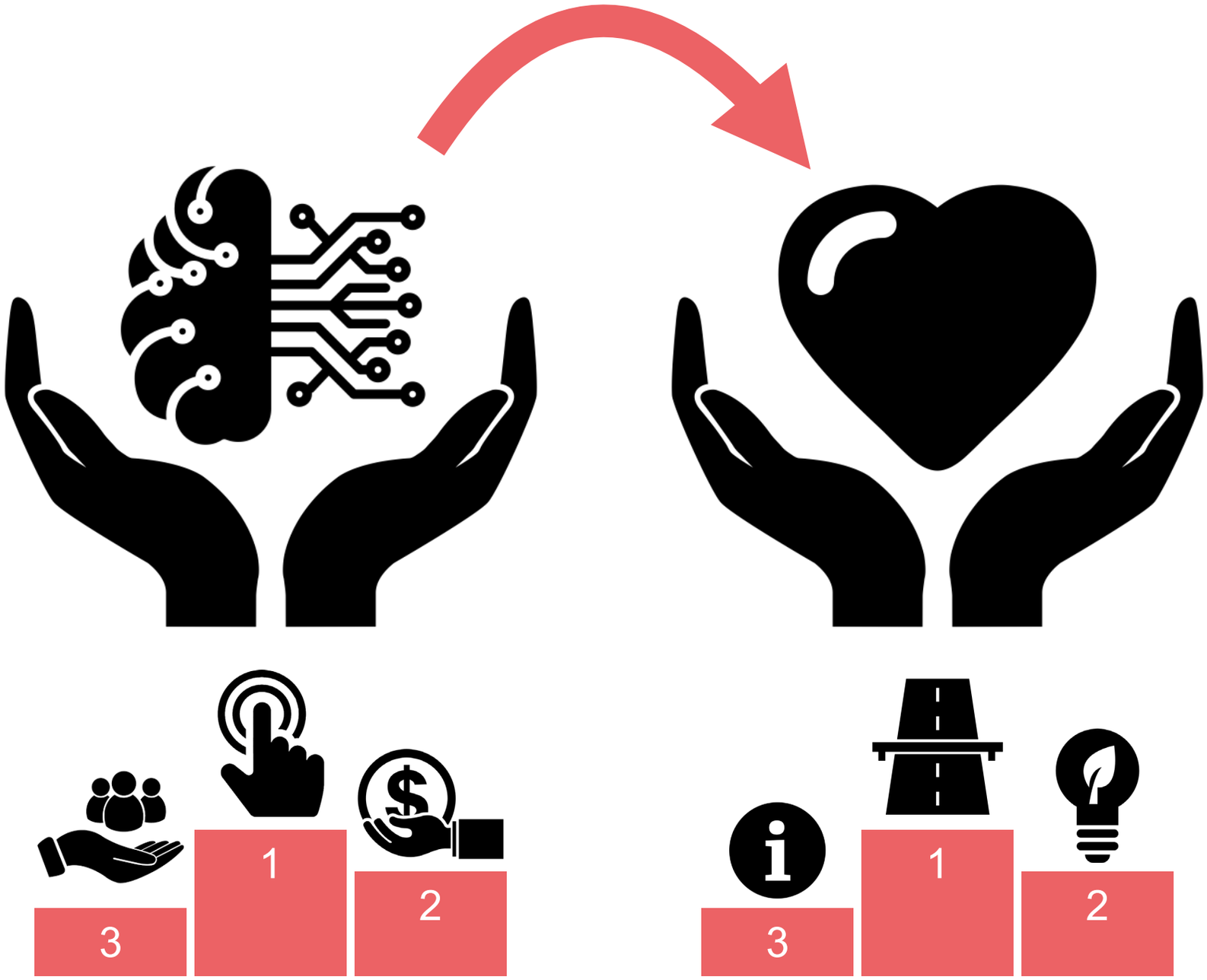

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Smart Cities

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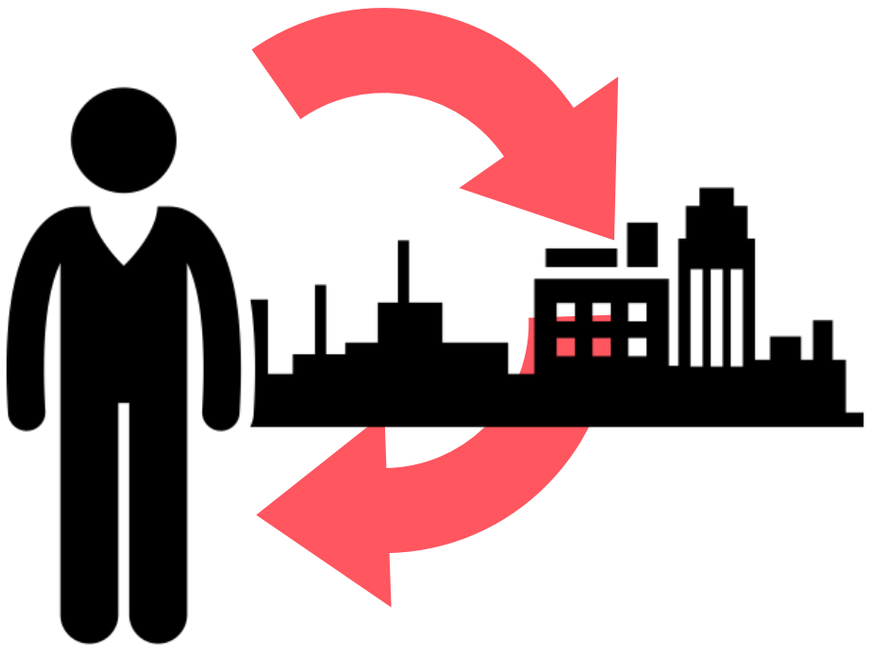

How does the smartness of the city help my to manage my life across various roles?

What makes the city smart and liveable?

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- City is smart: coordination > configuration > orchestration
- Domain uses are driving the perceived smartness of the city:
- The smarter the city the higher the perceived well-being
- But: while uses of digital, economic, and citizenship-oriented domains are the Top 3 drivers of the perceived smartness of the city, those Top 3 do not influence the perceived well-being in the city.
- Top 3 drivers of well-being in the city: infrastructure, ecology, and information.

Source: Busca, L., Folcher, P., & Munzel, A. (2020): Development and results of the Smart City Uses Barometer, Unpublished Report.