

Citcom and the case for AI Testing Facilities

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What are Smart Cities?

Smart Cities are digitally empowered urban ecosystems where AI, data, and technology are used to enhance the quality of life, sustainability, and governance of communities.



What barriers do cities encounter while becoming smart?

“How can we keep up with innovation to move our city forward?”

“What are we actually allowed to do with AI in our city?”

“How can we test AI without causing problems with our daily work?”

“Who can we trust to test smart ideas and deliver results?”



How to remove these barriers?

Cities need a trusted environment to safely test and experiment data, AI and Digital Twins technologies before deploying them.

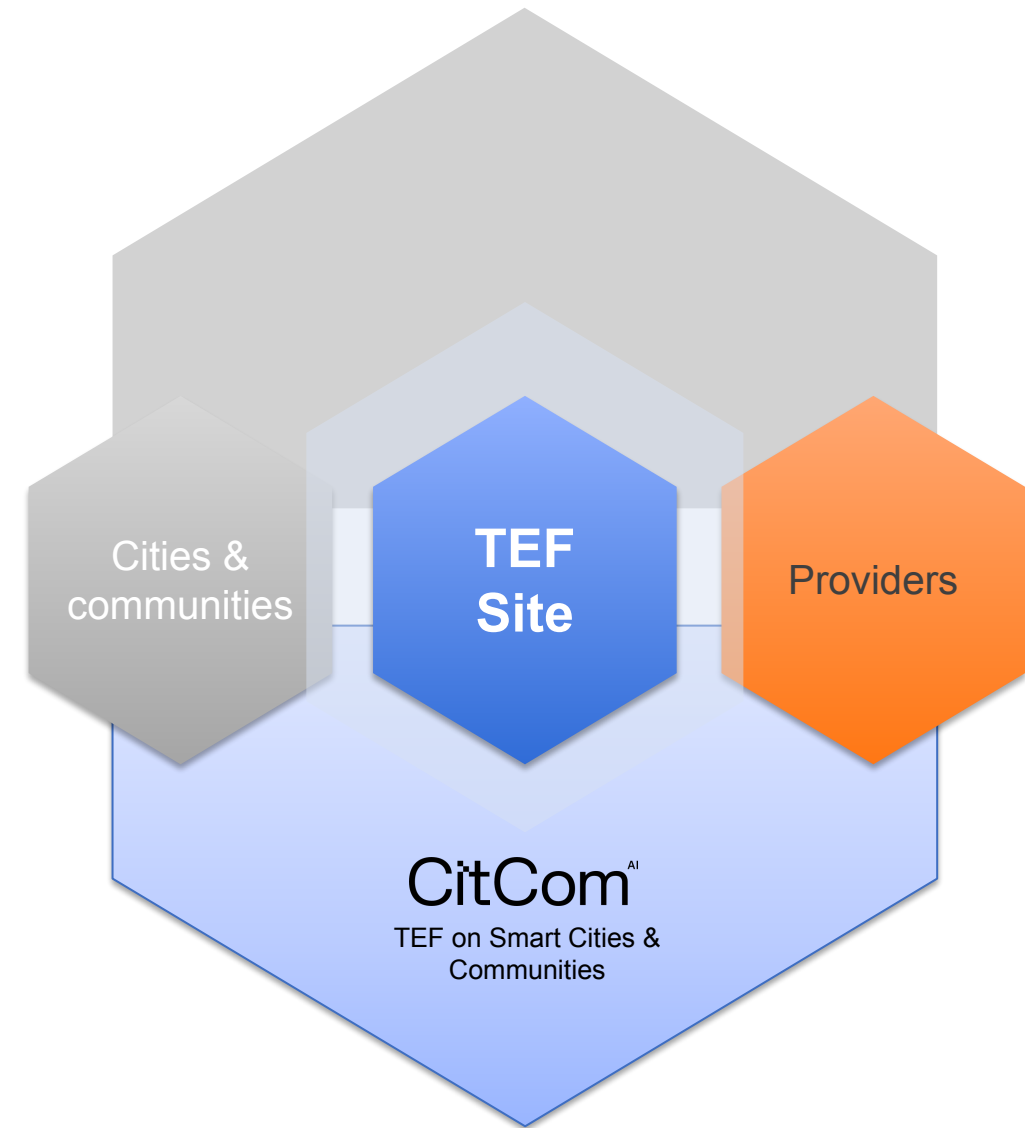
The role of a TEF

Boosting smart city technologies adoption through testing and experimentation.

Bringing Cities and AI innovators together.

Ensuring AI regulatory compliance, interoperability, and scalability,

Validating the solutions before deployment.



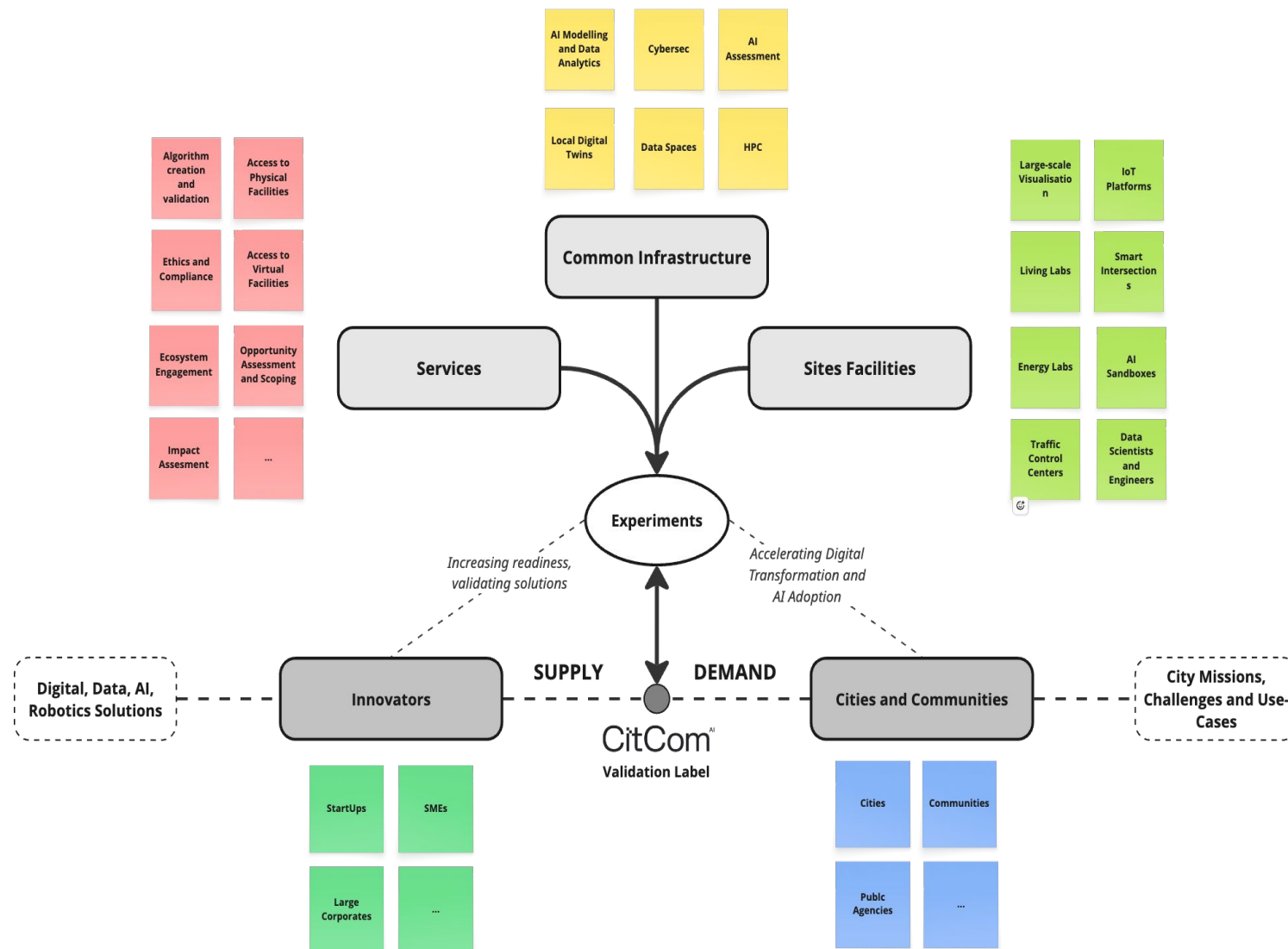
CitCom.ai in a nutshell

The reference EU AI Testing and Experimentation Facility (TEF) for Smart Cities and Communities.

CitCom.ai allows AI Innovators and Cities to experiment across 15 TEF Sites in three EU Super Nodes (Nordic, Central South) in the EU.

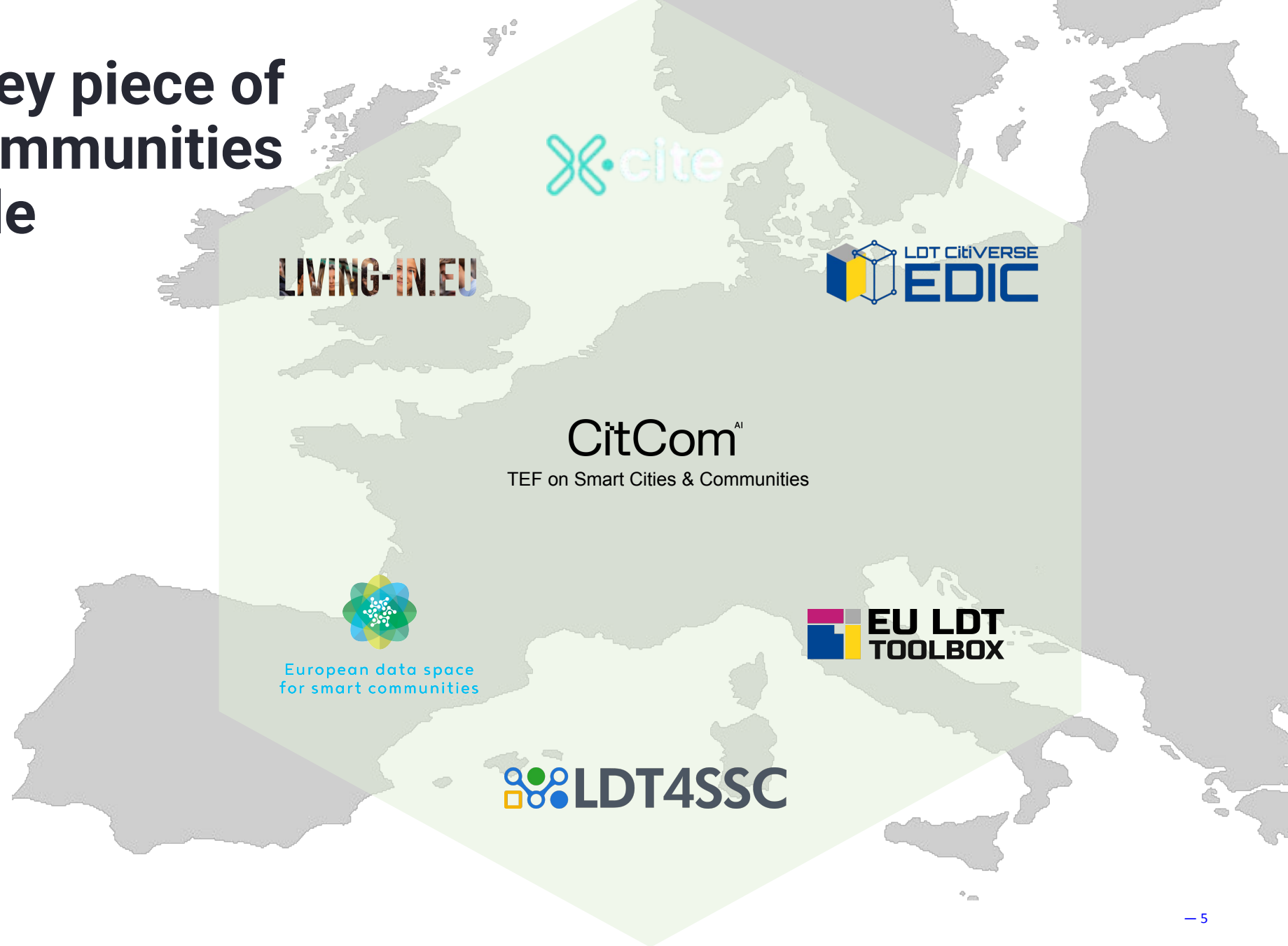
Each TEF Site puts together Services, physical and virtual Facilities and Common Infrastructure components.

Ultimately, experiments aim at validating technologies before adoption.



CitCom.ai as a key piece of the EU Smart Communities Innovation Puzzle

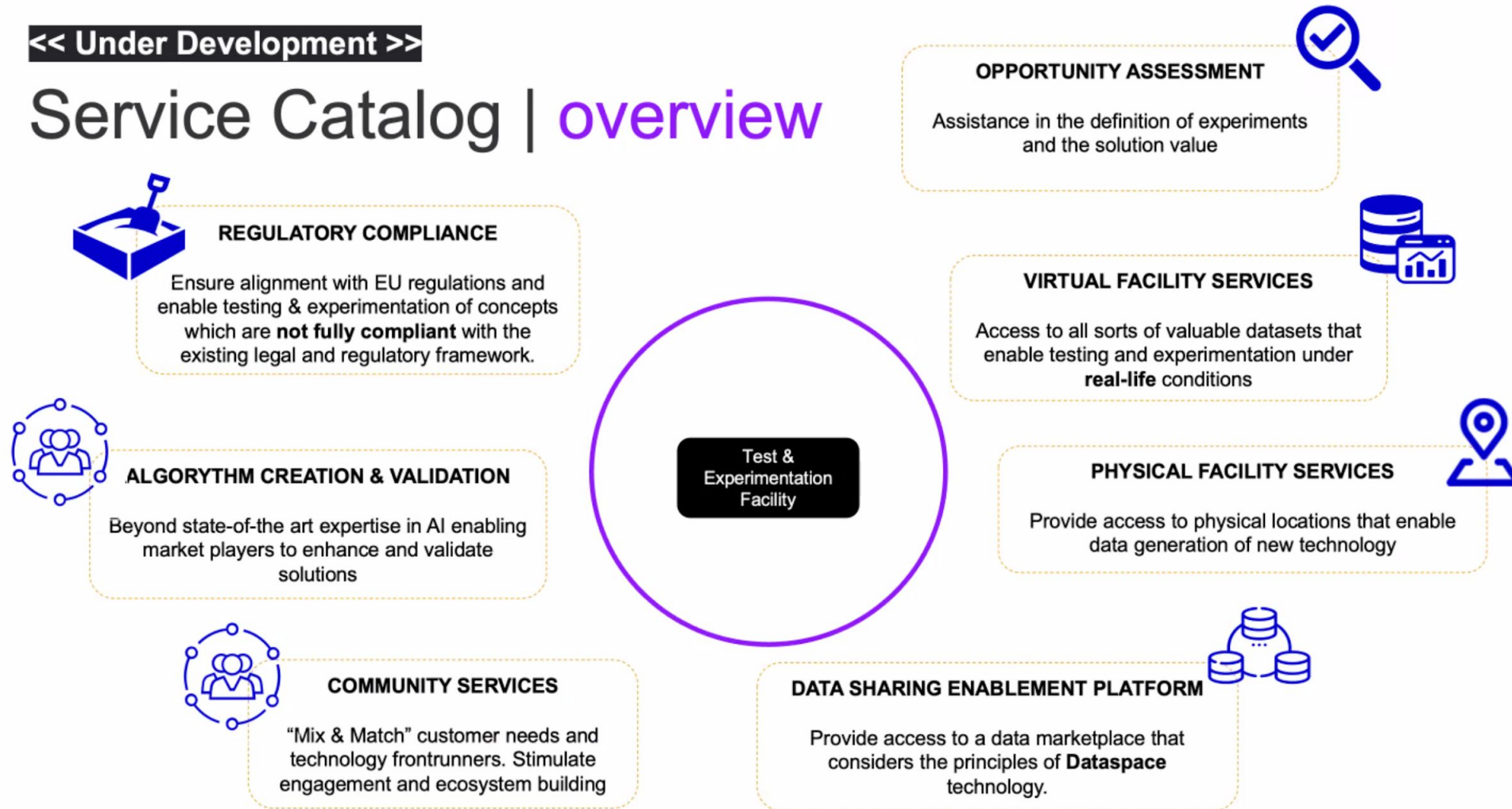
CitCom.ai, is part of an ecosystem of projects supporting smart communities from the technical components and blueprint, testing and experimentation, piloting actions and, ultimately, operationalization through the EDIC-LDT-Citiverse.



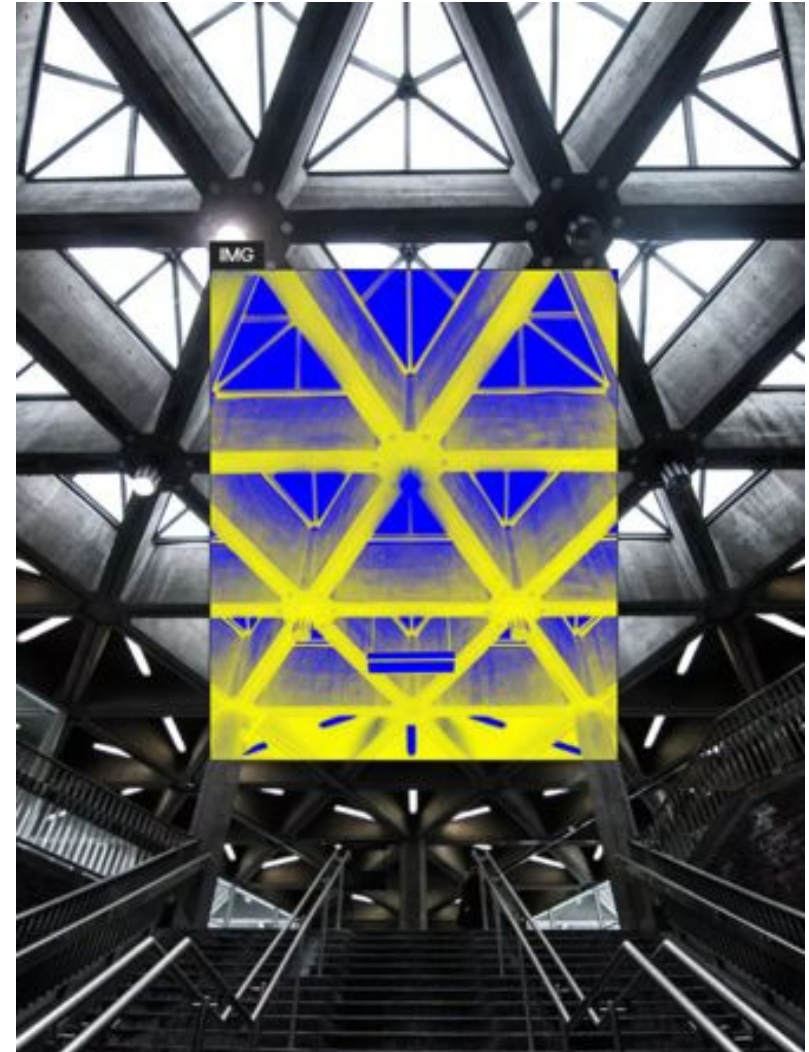
CitCom.ai Service Categories

<< Under Development >>

Service Catalog | overview

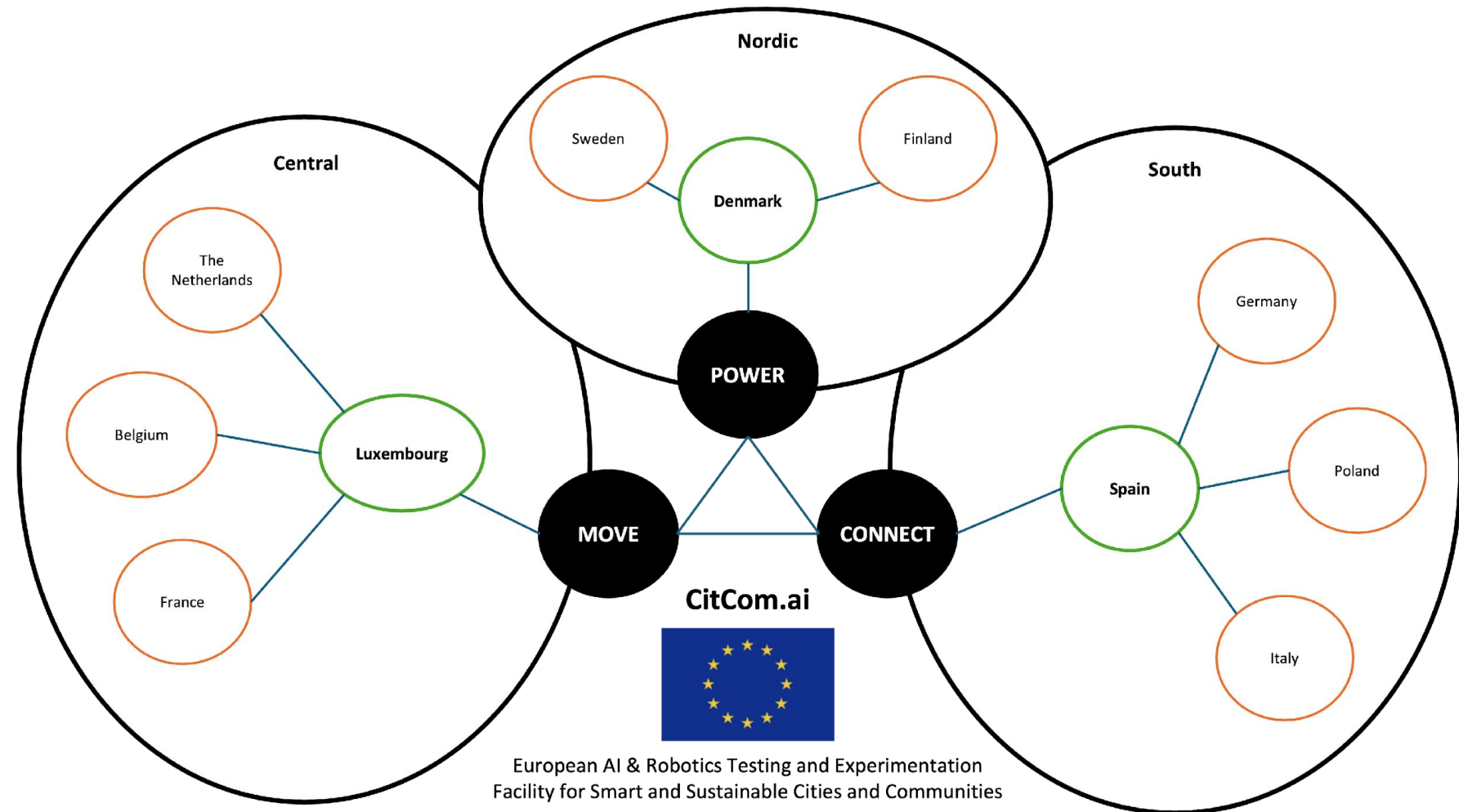


TEF Sites Open to Public



Supernodes

- 3 SUPER NODES
- 11 NODES
 - 15 TEF SITES
- 29 TESTING ZONES
- 135 INITIAL SERVICES
 - 13 DATA PLATFORMS
 - 5 LOCAL DIGITAL TWINS
 - 8 ADV DATA ANALYTICS
 - >105 DATASETS
- +180 EXPERIMENTS



Nordic Super Node operations

TEST ZONES

13

SERVICES

57

SITES

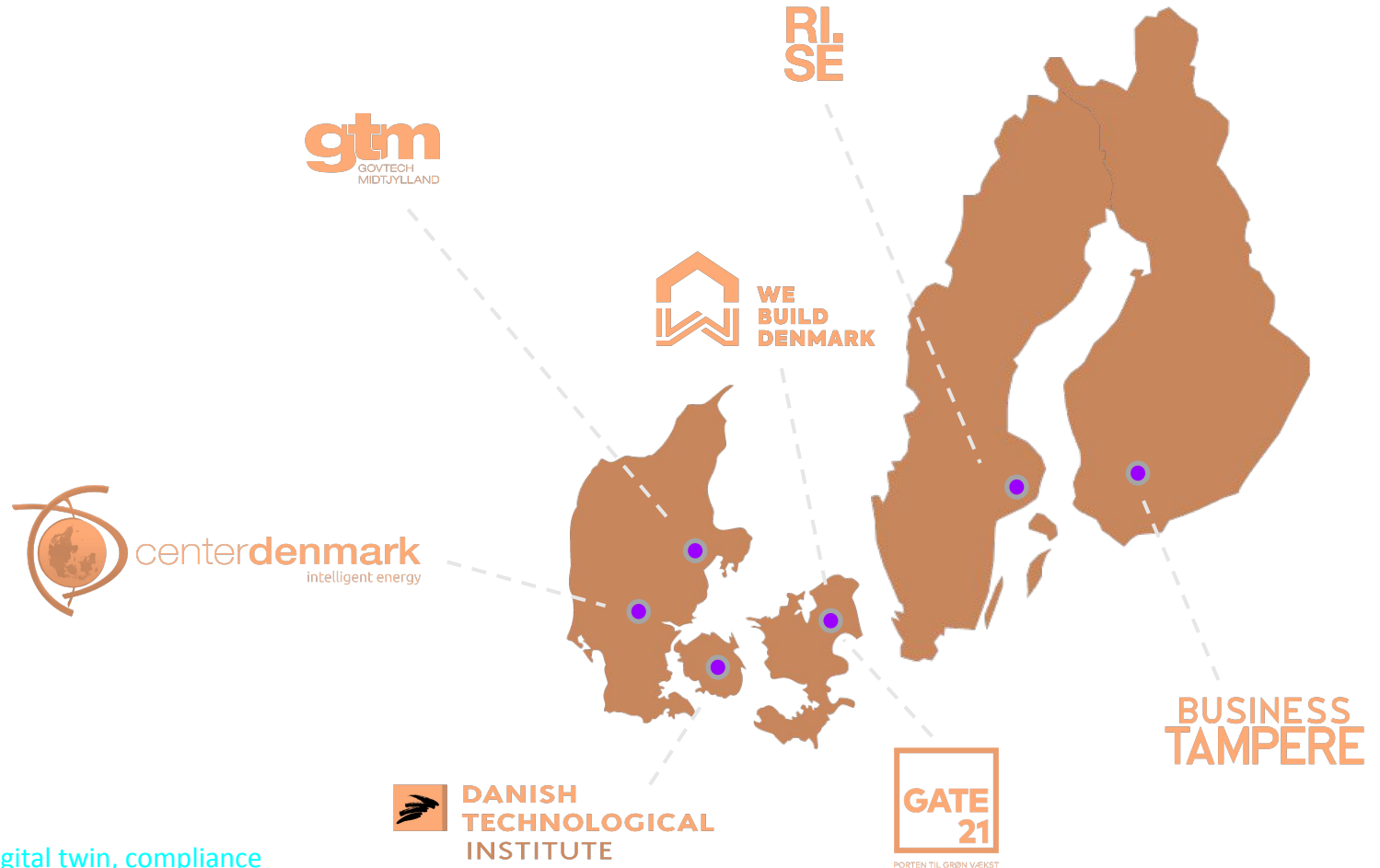
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EXPERIMENTS

18

POWER

Utility data, robot testing, living lab, cybersecurity test, digital twin, compliance



Central Super Node operations

TEST ZONES

12

SERVICES

58

SITES

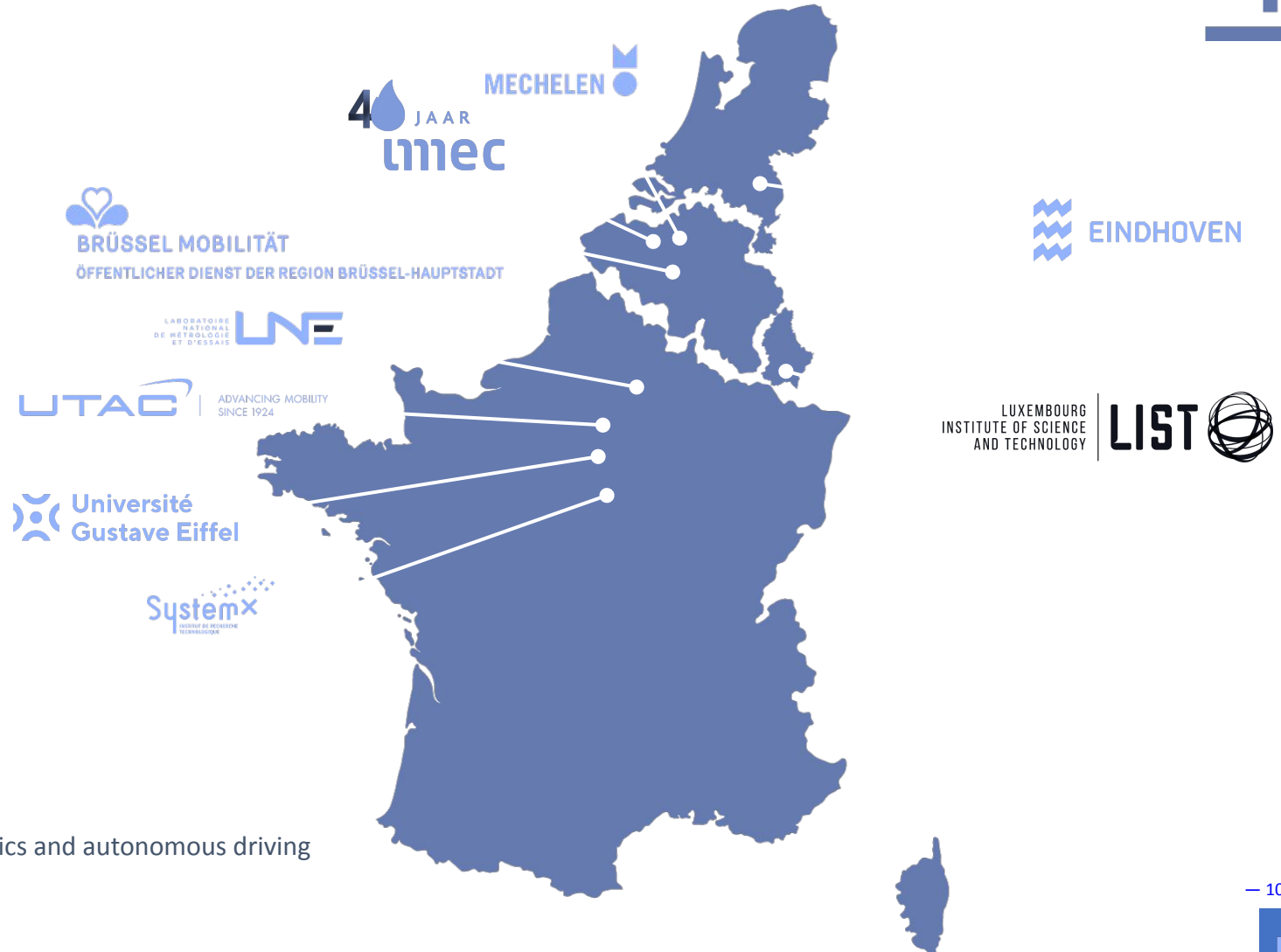
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EXPERIMENTS

24

MOVE

Smart intersection, electromobility, urban mobility and logistics and autonomous driving



South Super Node operations

CitCom^{AI}



TEST ZONES

4

SERVICES

20

PARTNERS

10

EXPERIMENTS

19

CONNECT



VNIVERSITAT
DE VALÈNCIA



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA



AJUNTAMENT
DE VALÈNCIA



València
Innovation
Capital



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of Technology



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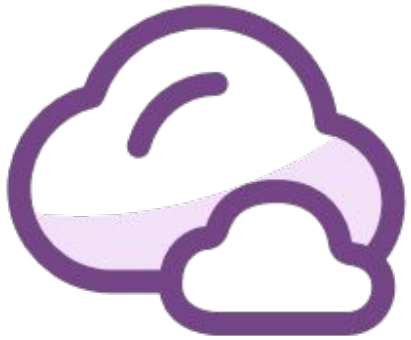


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What sector do you represent?



What city do you come from?



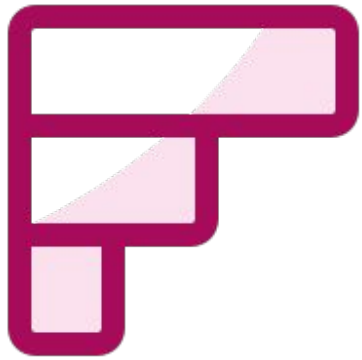
**What do you want AI to do in
your city? (pick 2–3)**



Which city departments would use it first? (pick one)



What “stage” are you in right now?



What are your top 3 blockers to using AI safely?



What evidence would convince you to scale an AI solution?



What data do you already have that you could use for pilots?



After learning about CitcomAI, how would you like to engage with us? (stay up to date, becoming a test ground, etc)

Thank You

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