

## PARTNERS

## Cities4Zero v2.0

**tecnalia**

MEMBER OF BASQUE RESEARCH  
& TECHNOLOGY ALLIANCE

<https://www.tecnalia.com>

## Result in a nutshell



## PROJECT

### EU Programme:

Horizon 2020 Innovation Action

### Coordination:

City of Amsterdam

### Partners:

29 partners, 10 countries

### European grant:

19.6 M€

### Get in touch:

✉ [info@smartcity-atelier.eu](mailto:info@smartcity-atelier.eu)

🌐 [www.smartcity-atelier.eu](http://www.smartcity-atelier.eu)

🌐 [AtelierH2020](https://www.linkedin.com/company/atelierh2020)

📧 [@AtelierH2020](https://twitter.com/AtelierH2020)

📺 [AtelierH2020](https://www.youtube.com/channel/UC...)

The Cities4Zero foresight methodology (or 2.0 development) is based upon general Cities4Zero methodology, developed by Tecnalía, adapted to the formulation of Bold City Vision for the decarbonisation of energy system in the context of ATELIER project. The methodology has been proven successfully with the cities of Bilbao as a main demonstrator and with the cities of Bratislava, Budapest, Krakow, Matosinhos and Riga as replicators.

## Main concept

The concept of foresight can be defined as a systemic, participatory process of gathering knowledge and building a long term City Vision, aimed at making decisions in the present and planning coordinated and comprehensive actions in the future (Tatar, Kalvet, & Tiits, 2020). While forecasting relies primarily on quantitative tools to forecast the future, foresight generally uses qualitative tools such as scenarios and visions. Foresight allows analysis, evaluation and management of uncertainty, which is itself a valuable exercise for city decision makers.

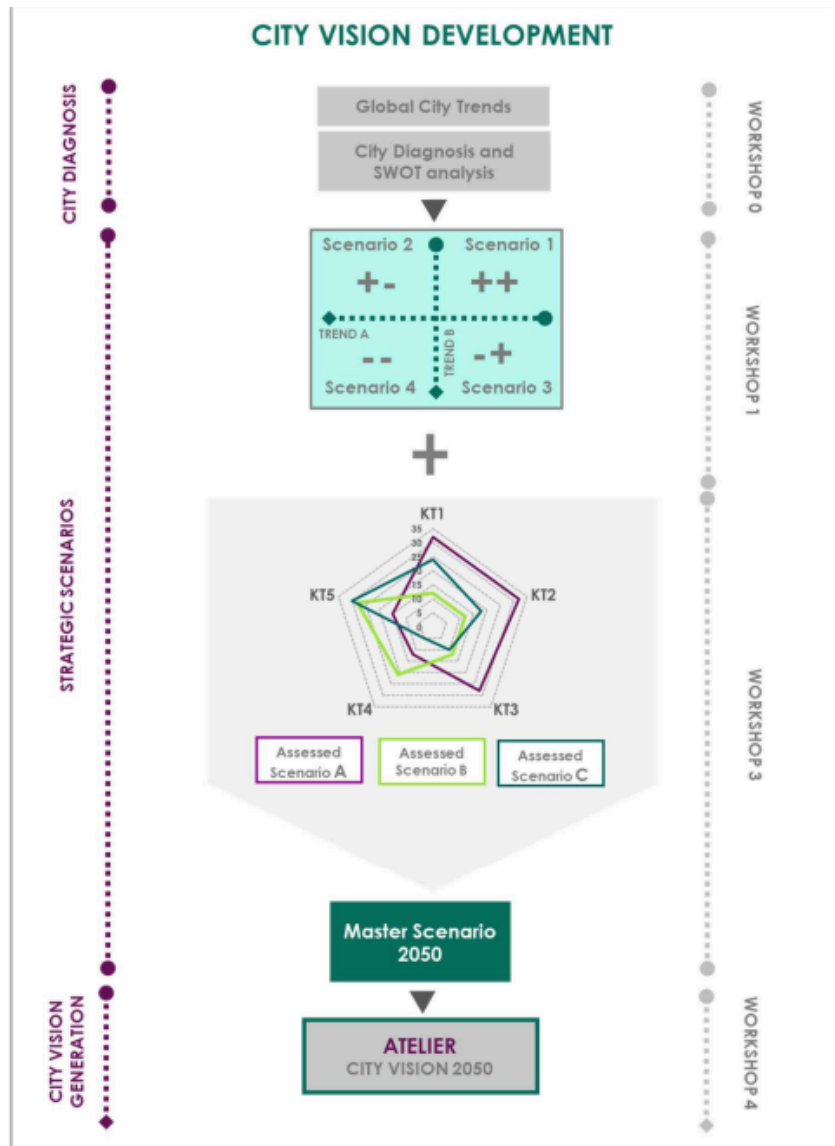
# Detail on result

## Cities4Zero foresight methodology:

Comprises 4 phases:

- Phase 1: City diagnosis and global city trends are discussed in a preliminary workshop by cities planning group (selected stakeholders)
- Phase 2: Local stakeholders conceive the different pathways the city can face (Scenarios Co-design workshops)
- Phase 3: The different scenarios are assessed and critical elements and evaluation criteria selected.
- Phase 4: In a final workshop stakeholders meet again to evaluate the results of generated scenarios and choose the one that best fits the city's desired future. This will be the Master Scenario.

Selected Master Scenario will be the framework for developing the City Vision and the Action Plan for which intermediate goals and milestones must be set up.



## Further development

### Potential for further development:

- Improvements in impacts to inform better and generate more accurate scenarios
- Possibility to add dynamism in the scenarios generation so that the development of actions and external changes can be evaluated to understand their impact in the Vision.

### Potential areas of applicability:

- Systemic approach in urban development planning overcoming silos. Specially in transversal planning such as decarbonisation where many areas of the city should work together.