

European project: Net Zero Cities

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20 November 2024

Agenda

- I. How did we get involved in the project and why?
- II. Content and methodology
- III. What are the prospects/actions for the future?
- IV. What links are there with other local/European initiatives?
- V. Conclusion

I. How did we get involved in the project and why?

- In 2021: We have been encouraged by the « Plateforme Ville » monitored by the University of Liège to submit an application **to the call for expressions of interest** launched by the European Commission for the Horizon Europe programme.
- Horizon Europe is the **European Union's new framework programme for research and innovation (R&I)** for the period 2021-2027, with a budget of €95.5 billion.

I. How did we get involved in the project and why?

- Horizon Europe has set itself 5 main missions, including the following proposal: "**100 Climate-neutral Cities by 2030 – by and for the citizens**".
- The aim of this mission is to support, promote and present 100 European cities as part of their systemic transformation towards climate neutrality by **2030** (as a reminder, the 2021 Green Deal for climate neutrality by **2050**).

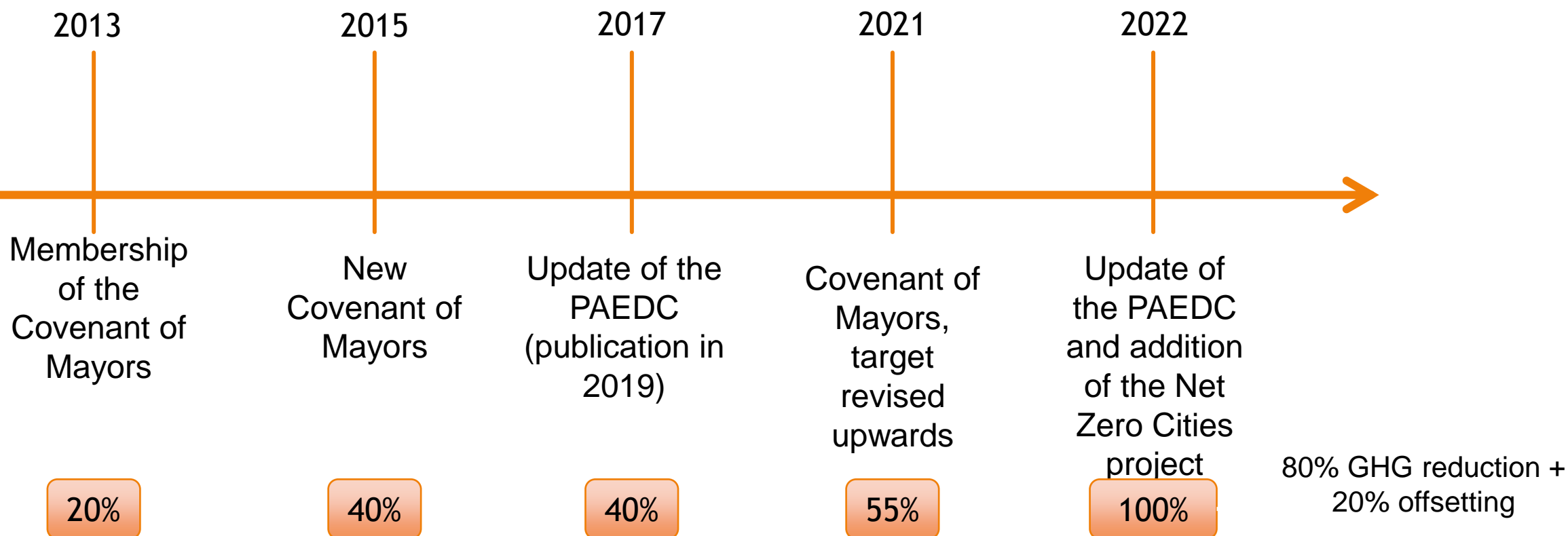
I. How did we get involved in the project and why?

- **Establish a CCC (climate city contract) with a reduction target of 80% GHG reduction + 20% offsetting**
- Validation of the CCC and certification of the City by Europe.

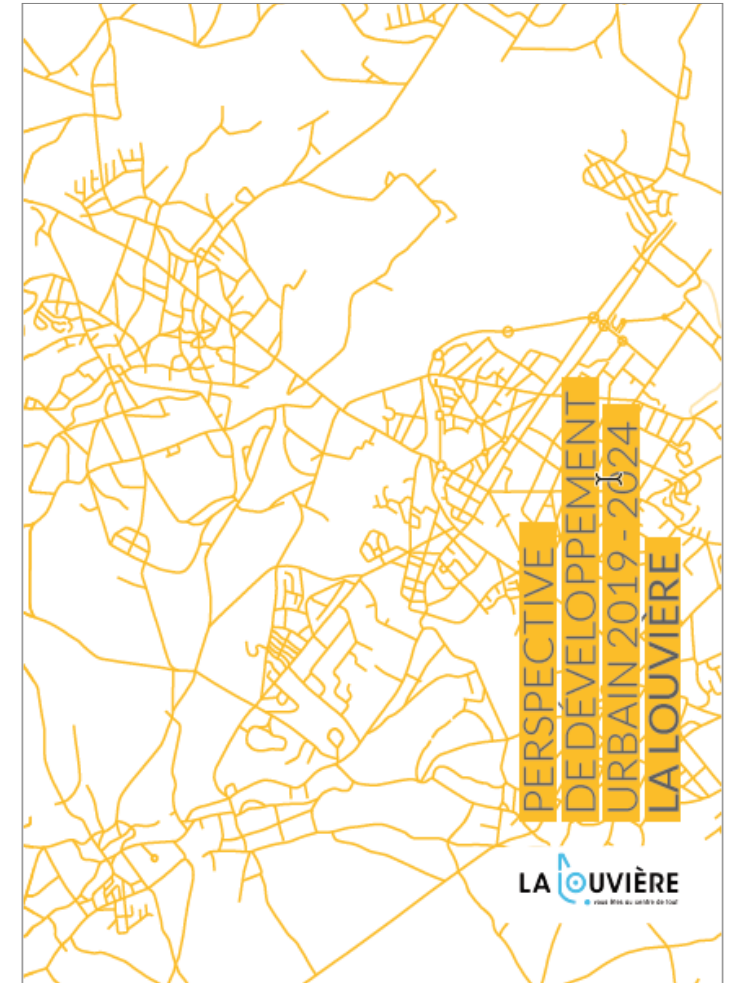
Benefits of certification

- unlock additional funding through other programmes beyond Horizon Europe by **responding to larger calls for projects and pilot projects.**
- Facilitating access to financing from the EIB, national promotional banks, the EC, etc.

Timeline : The city's ambition to move towards climate neutrality



Strategic documents for sustainable urban development in the city.



The 2021 LLO 2050 city project (Green Deal climate neutrality)



20 November 2024

I. How did we get involved in the project and why?

- 2021: Decision by the college to submit the NET ZERO CITIES application
- Setting up a working group to complete the application: 1 coordinator and technical advisors from several departments: mobility, works, environment, energy, etc.
- On 31 January 2022, La Louvière submitted its application for an expression of interest.
- On 26 April 2022, the City of La Louvière learned that it had been selected to submit the CCC among 100 cities selected.

II. Content and methodology

The **CCC** submitted to Europe by **15 September 2024.**

The CCC contains:

- The action plan (scope 1 2)
- The investment plan
- The charter committing local players to the project

Objective of the plan :

Carbon neutrality by 2030 and European certification for the city.

II. Content and methodology

In parallel, revision of the **PAEDC** « Plan d'Action Energie Durable et Climat »

The PAEDC must meet the criteria laid down by the Covenant of Mayors.

- Increase in GHG reduction targets from 40% to 55%. (Scope 1 and 2)

It includes a specific action plan for adapting to climate change, as well as an investment plan.

The PAEDC must be reviewed by **31 December 2025** at the latest.

II. Content and methodology

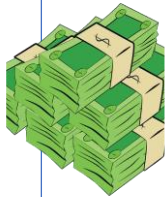
- June 2022 Appointment of a team to set up the project : Pollec coordinator, director of the living environment, alderman for sustainable development/ecological and energy transition.
- Team mandate presented to the Managing Committee
 - *support from all departments in drawing up the plan*
 - *consultation with local stakeholders, i.e. citizens, public and private partners, to co-construct the action plan*
- Help from the ECORES design office
- Horizon Europe webinars + appointment of city advisor

II. Content and methodology

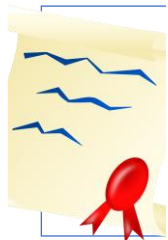
CCC deliverables



- Action plan



- Financial plan



- Project
participation charter



Action plan

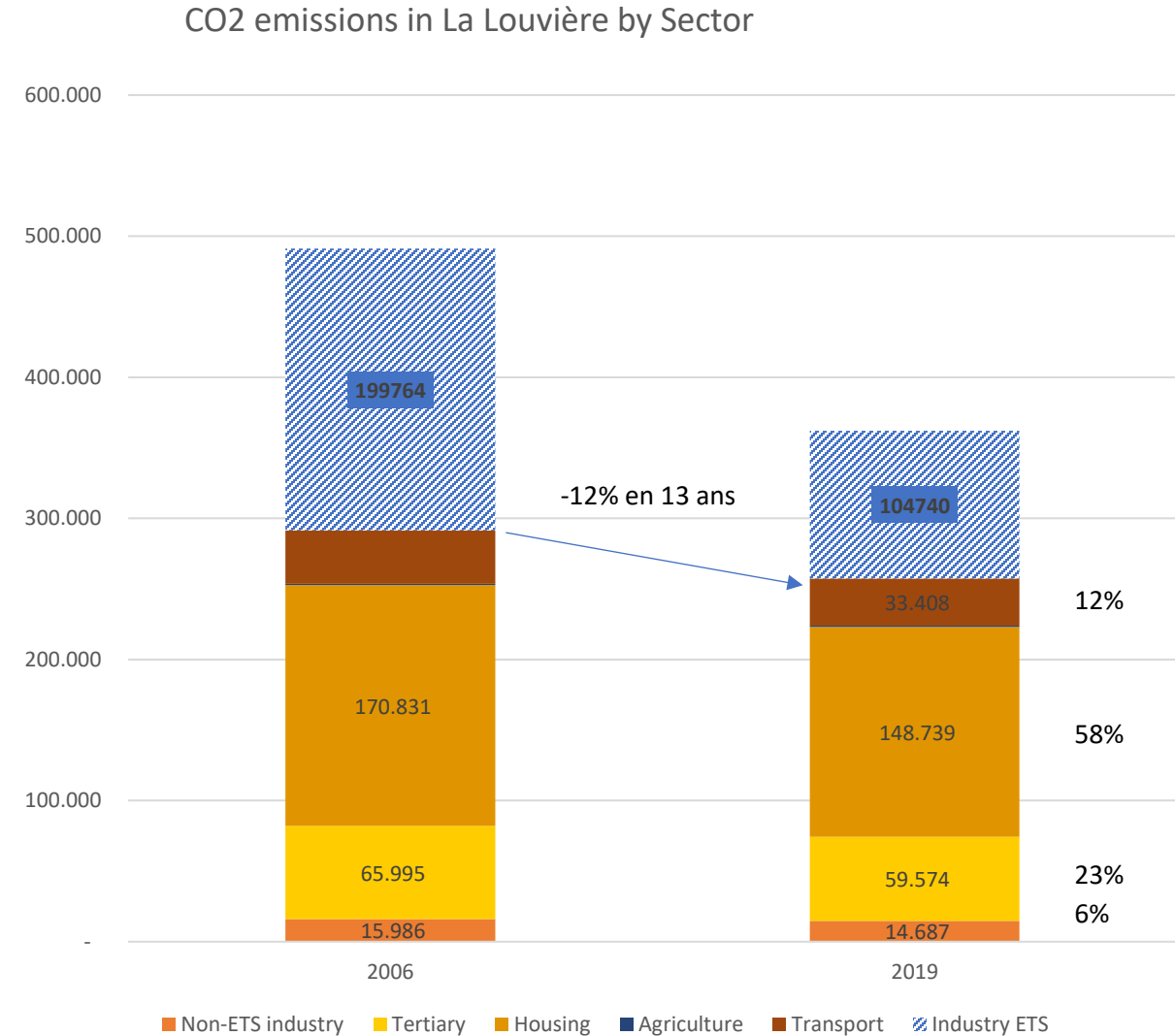
And in terms of CO₂ emissions ?

- Municipal scope (without ETS industry, without motorways). Scope 1 and 2.
- Emissions in the municipality in 2019 will amount to

257,272 t CO eq₂

Target of 55% reduction in emissions by 2030:

131,145 tCO₂eq



□ Different types of action



Priority actions PAEDC

New initiatives supported by the city

Actions supported by local players

Self-performing actions

□ PAEDC priority actions

Incorporating sustainable criteria into all permits and major urban development projects

Resilience and adaptation plan

Participative self-insulation projects on roofs

Pre-financing of housing audits for vulnerable households

Municipal staff commuting plan

Implementation of adaptation measures for the agricultural sector



These measures make it possible to receive the subsidy covering the POLLEC coordinator.

□ New initiatives supported by the city

1° Renovation of municipal buildings: RenoWatt, public facilitator for 21 buildings

2° Support for home renovation by increasing the scale of the desk to reach 1,000 work supervised per year by 2030 (Life Be-REEL).

3° Renovation by district (RENOCITY), increasing the scale to cover 1 district per year

4° A team carrying out 12,000 small-scale energy maintenance projects for low-income earners, the elderly, associations, schools and SMEs, saving 15% on energy bills (like Slow Heat, Incub' and Negawatt).

5° Installation of 2 biomethanisation units, producing 4.5 million litres of biofuel, initially for internal use



The total of these 10 actions should enable us to save :

- 50,765 tCO₂eq



6° Development of a platform for the production of wood chips from local resources, for local use (like Coopebois).

7° Municipal cycling plan, 5% of travels by bicycle

8° Public car-sharing network

9° Bicycle leasing for employees of the Municipality, CPAS and teachers

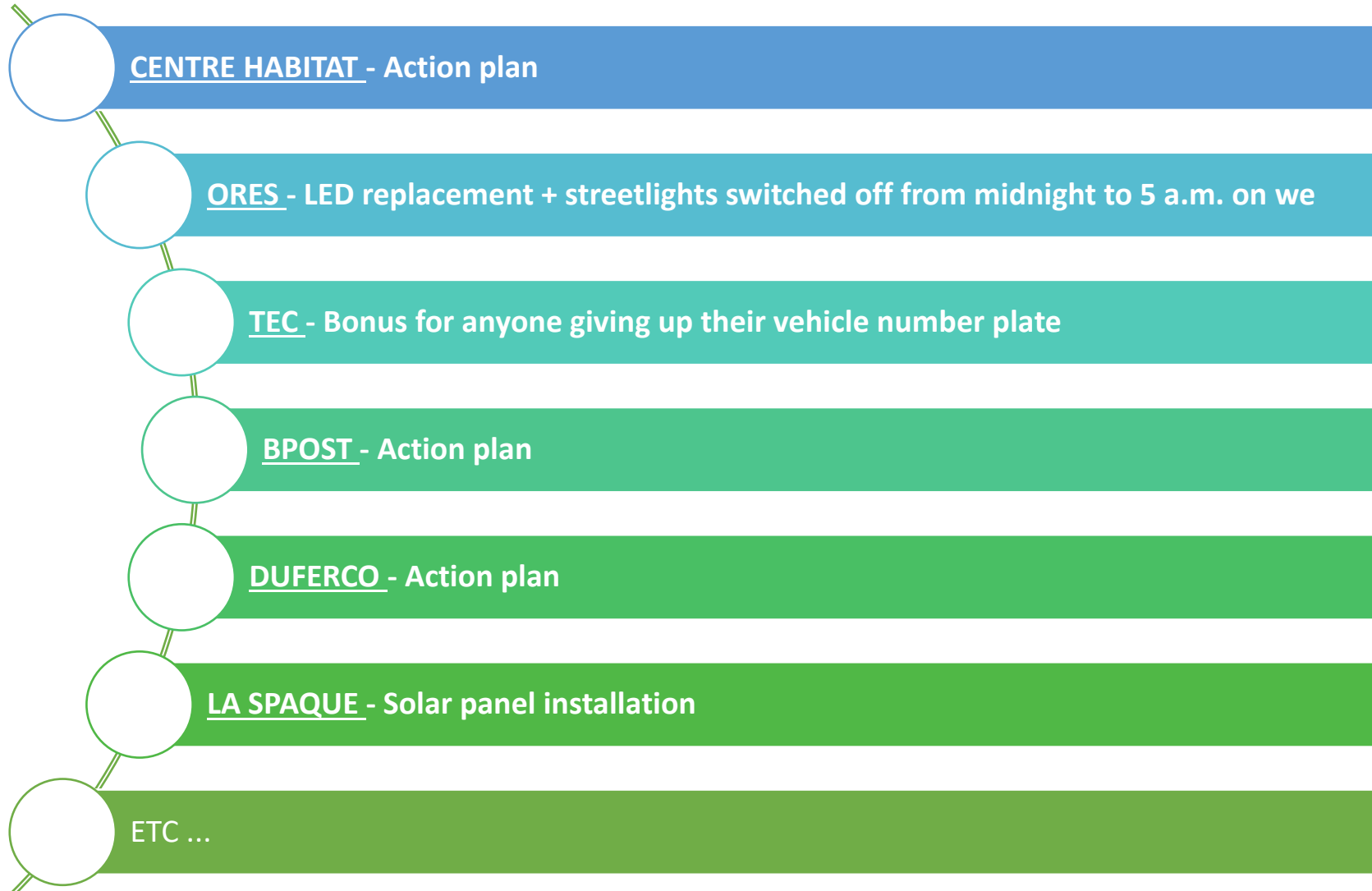
10° Renewable energy fund (solar panels) for commercial buildings



The total of these 10 actions should enable us to save :

- 50,765 tCO₂eq

□ Initiatives supported by local players



The total of these actions should enable us to save :

- 53,520 tCO₂eq

- **Actions that will take place on their own**

**Electrification of the
vehicle fleet at La Louvière**

**Evolution of the national
electricity emission factor**

**The total of these actions
should enable us to save :**

37,262 tCO₂eq

In 2030: If all the actions are completed:

TOTAL - 141,547 tCO2 in 2030

This represents a **60%** reduction in CO2 emissions, a target achieved by the PAEDC.

European Green Deal target: -55

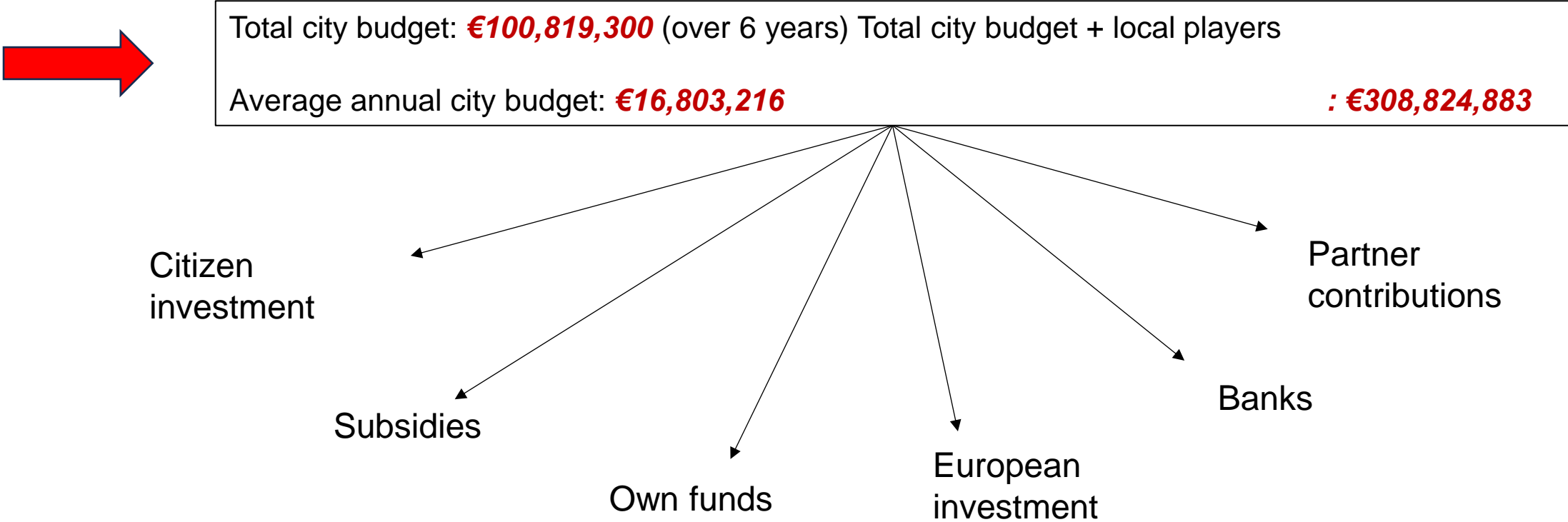
Possible LL target: -60

Net Zero Cities target : - 80 %

**La Louvière presents its Climate City Contract,
demonstrating its determination to continue reducing its ecological footprint.**

Financial plan

Estimated budgets for the city and local players



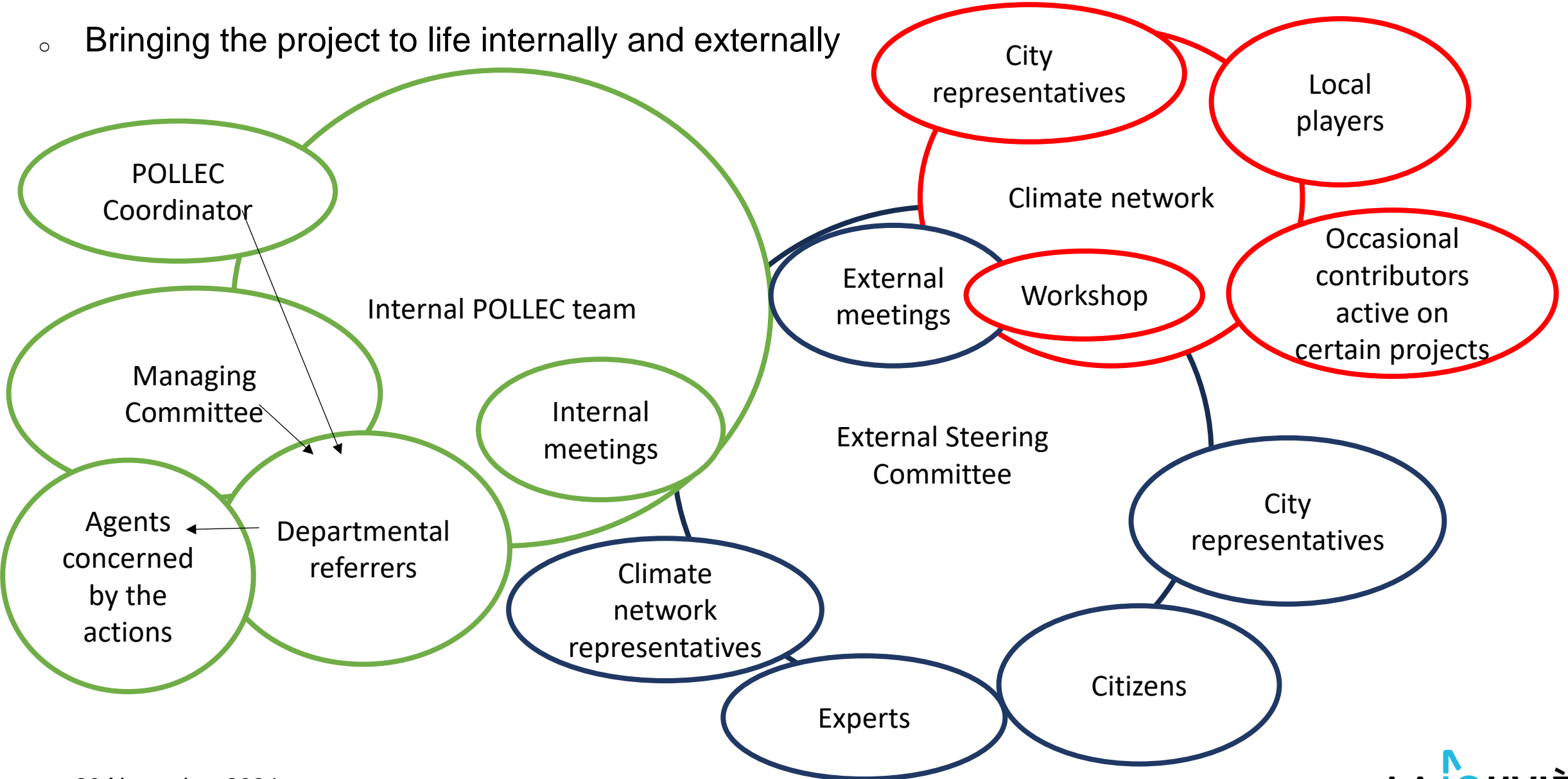
Project participation charter



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III. What are the prospects for the future?

- Bringing the project to life internally and externally



III. What are the prospects for the future?

- Opens doors to the establishment of public/public, public/private and private/private partnerships, and contact between the various players to share experience.
- Responding to existing and future calls for projects at different levels (city and partner actions)
- Help from Horizon Europe to implement actions and seek financial support
- Information on calls for projects,
- Access to thematic conferences organised by Horizon Europe for the city and all of its partners, e.g. for the steel industry,
- Enables networking with other European cities active in various fields.

IV. Links to local and European initiatives

- Links with city plans: LL 2050, PIV, PAEDC, plan canopée, transcribe actions in the next PST 2025/2031...
- Links with the strategic sustainable development plans of our partners: hospitals, IDEA/HYGEA, Centre habitat, NLMK, SPAQUE, TEC, BPOST, etc.
- Links with regional programmes and subsidies: Yes We plant, neighbourhood greening, RENOWAT programme, NEO VIA, etc.
- Links with future calls of the Walloon Government
- Links with ERDF actions 2023/2027, Life Be Reel (massive renovation of private housing), Interreg terril
- Links with future European calls for projects

V. Conclusion

- A strategic vision of the city's urban development
- Political will shared by the Managing Director and other directors
- Clear mandate and appointment of a project manager with a project team
- Dedicate time and a specific budget
- The need for a cross-cutting vision of how the city operates
- A network of committed and progressive players
- Opens doors to the establishment of public/public and public/private partnerships and links between the various players to share experience.
- Open up funding opportunities to carry out internal and external initiatives



Whether we become Mission City... or not, what happens next is written by our citizens,

***And with partners who are paving the way towards neutrality
Climate targets to be achieved across Europe by 2050.***

Thank you for your attention



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LA LOUVIÈRE
vous êtes au centre de tout