



Lx Climate Lab

LISBON, PORTUGAL

Emissions domains addressed by the Pilot Activity



Consumption of non-electricity energy for thermal uses in buildings & facilities



Consumption of electricity generated for buildings, facilities & infrastructure

Key Terms

Energy One-Stop-Shop | Lisboa Clara | Lisbon Climate Action Fund | Climate Innovation Academy | Energy poverty | Building renovation | Governance reform

Levers of Change

Data and Digitalisation | Democracy and participation | Financing and funding | Governance and policy | Learning and capabilities | Procurement | Social innovation | Technology/infrastructure

Description of the Pilot Activity

Lisbon has already cut emissions by over 40%, but reaching climate neutrality by 2030 requires stronger institutional and financial tools. The Lx Climate Lab provides this through three pillars: the citizen-facing Lisboa Clara Energy One-Stop-Shop, a Climate Action Fund, and a Climate Innovation Academy focused on renovation, energy poverty, and climate governance.

In Year 1, Lisboa Clara became operational with dedicated staff and a hotline, the Climate Action Fund was fully designed, and the Academy shifted toward practical community engagement and energy poverty mapping. The project was presented to the Lisbon Municipal Council, and Lisboa E-Nova integrated the One-Stop-Shop with ADENE's national energy platform, avoiding duplication and enabling wider scale.

Year One Highlights

Lisbon's Year 1 focused on building strong foundations while launching visible public services. The Energy One-Stop-Shop, branded Lisboa Clara, became operational with dedicated staff, a hotline, and integration with ADENE's Casa Eficiente 2030 platform, providing renovation and energy advice to residents and building owners. The Lx Climate Lab was also presented to the Lisbon Municipal Council, securing political backing.

Rather than launching immediately, the Lisbon Climate Action Fund spent the year in governance and fundraising design to ensure a robust structure. The Climate Innovation Academy moved into practice through energy poverty mapping and community storytelling in social housing neighbourhoods, embedding social justice into the project from the outset.

Key Insight

"Lisbon is not building a project — it is building an institution. The Lx Climate Lab's three pillars are designed to persist beyond the pilot period as permanent elements of Lisbon's climate governance infrastructure."

Innovation Highlights

Lisboa Clara is designed as permanent public infrastructure, not a project-era helpdesk — the investment in staffing and branding is intended to outlast the pilot. The fund design approach reflects a broader discipline visible across the Lisbon programme: prioritising structural soundness over early deployment. The Academy's grounding in energy poverty from Year 1 ensures that the project's engagement methodology is built around equity rather than retrofitted to it.

Twinning with Courcy/Grand Reims France

A delegation from Courcy/Grand Reims visited Lisbon on 28–29 April 2025, focusing on climate neutrality, participatory governance, and stakeholder engagement methods. The exchange informed both cities' approaches to citizen participation.

