



CLIMB

MILAN, ITALY



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



Land use (agriculture, forestry & other land uses)



Consumption of electricity generated for buildings, facilities & infrastructure



All vehicles & transport (mobile energy)

Key Terms

Urban Regeneration | Finance | Molecular Model | Collaboration | Scenario Testing

Levers of Change

Democracy and participation | Financing and funding | Governance and policy | Learning and capabilities | Social innovation

Context & Challenges

Milan is addressing fragmented governance and financial barriers to climate-neutral urban regeneration. CLIMB introduces a “molecular model” that tailors regeneration efforts to local contexts while ensuring systemic coherence. By combining collaborative governance, innovative financing instruments, and integrated impact assessment, the project aims to bridge funding gaps, align departments, and scale up sustainable transformations. The model is designed to be replicable, fostering EU-wide adoption of place-based climate-neutral strategies.

Objectives

- Implement a Molecular Model for urban regeneration
- Design sustainable financing instruments
- Test decarbonization scenarios in pilot areas
- Promote collaborative governance across city departments
- Facilitate knowledge exchange with other cities

Activities & Innovations

- Develop a modular climate-neutral regeneration model
- Engage stakeholders to co-design financial instruments
- Simulate and apply decarbonisation scenarios
- Facilitate inter-city exchanges for model replication
- Align interventions with climate budgeting processes

Expected Impact & Outcomes

Enhanced policy coherence across departments

New financial tools unlocking private investment

Increased resilience and decarbonisation at neighbourhood scale

Transferable model for EU-wide replication

