

# IMPLEMENTATION PLAN

The presented project aims to comprehensively address the ten design principles, three hub-in goals, and diverse municipal interests while strategically promoting bottom-up initiatives and stakeholder engagement for the revitalization of whole Mouraria. By leveraging the historical medieval structure to align with contemporary sustainable objectives, this project not only facilitates the transformation of residents' lifestyles but also fosters the emergence of a vibrant and environmentally conscious neighborhood. Situated within the historical urban context of Mouraria in Lisbon, the project endeavors to establish a new green and thriving community that respects its cultural heritage while embracing sustainable development principles.

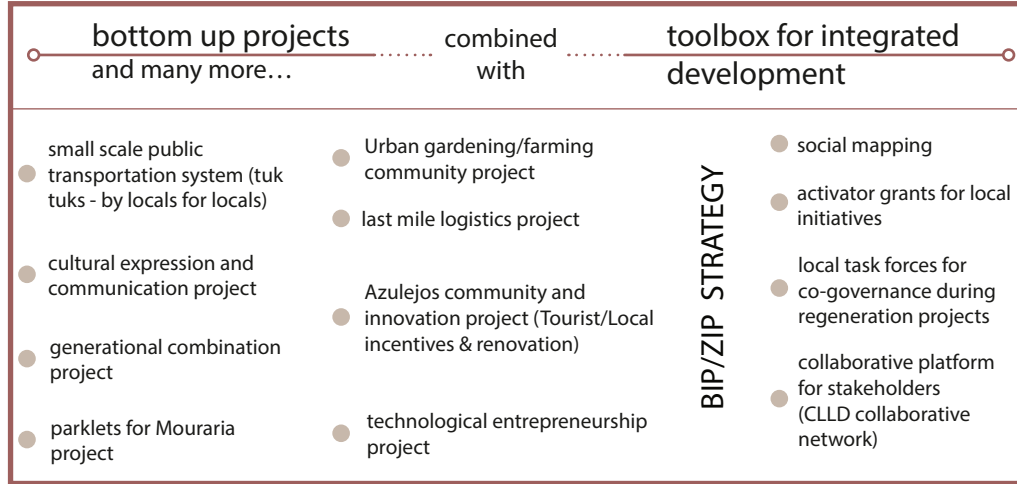
To realize this vision, the implementation plan outlines the necessary steps to transform the design proposal into a tangible reality. The plan focuses on the two key objectives: creating a connected neighborhood and fostering a green community in alignment with the 15-minute city concept. Additionally, Graphic 01 showcases the diverse opportunities presented by bottom-up projects, emphasizing the significance of community involvement. This approach ensures that the community becomes an active participant in shaping its surroundings, fostering a sense of ownership and commitment. Furthermore, Graphic 02 highlights the ongoing environmental assessment, which serves to continually evaluate the benefits of various implementations. This assessment emphasizes the importance of reusing materials, utilizing green energy sources, enhancing efficiency, managing water resources, and adapting to evolving challenges in the microclimate. By prioritizing these aspects, the project establishes a framework that not only garners international recognition but also attracts the support of stakeholders and facilitates the mobilization of international funds and sponsorships.

Overall, this proposal presents an exceptional opportunity to reinvent Mouraria with a bottom-up approach, wherein the implementation timelines of the projects are to be interpreted flexibly, taking into account the particular interests of the municipality. The budget calculations were estimated based on limited expertise and relied upon available resources. These assumptions were derived by combining the analysis of comparable projects, the square meter count of the intervened areas, the number of experts involved, and the anticipated duration required for completion.

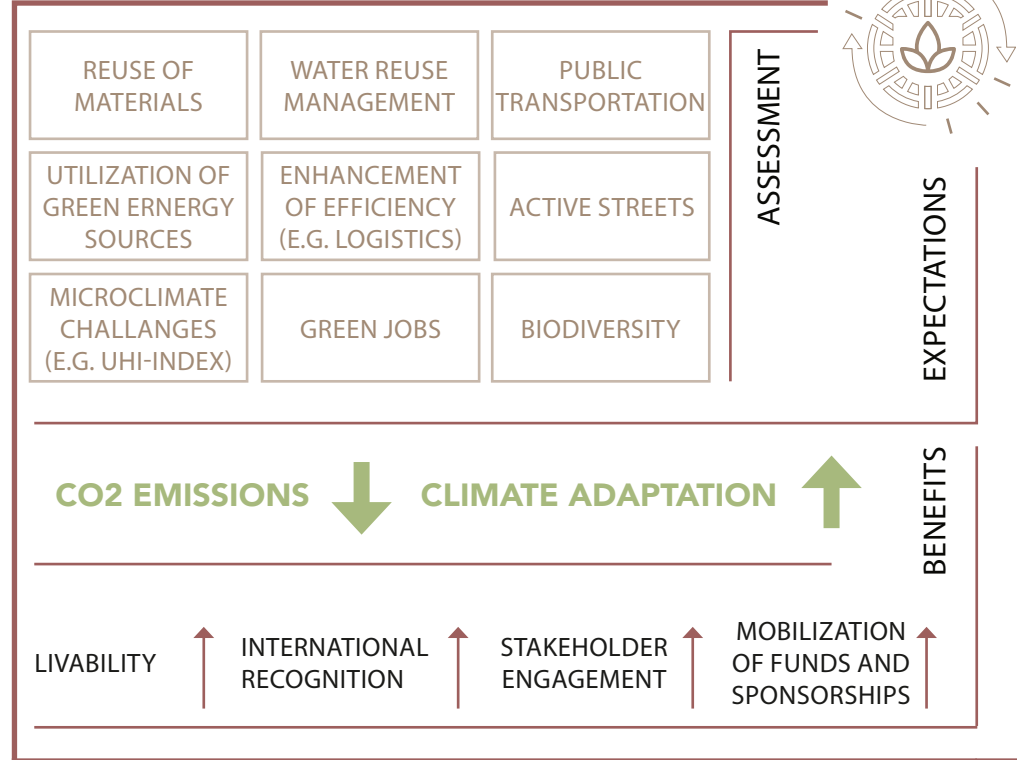


10 DESIGN PRINCIPLELS + 3 HUB- IN GOALS + MUNICIPAL INTERESTS

GRAPHIC 01



GRAPHIC 02



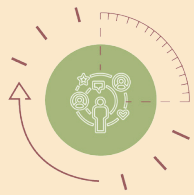
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CENTRO DE INOVAÇÃO MOURARIA CREATIVE HUB



COOPERATIONS WITH ...



# A

## CONNECTED NEIGHBOURHOOD

### with HERITAGE to SUSTAINABILITY

After undertaking a meticulous study aimed at comprehensively analyzing the prevailing parking demand and identifying optimal locations for reclamation, as well as conducting an in-depth examination of the compensation measurements associated with the reclaimed parking spots, a rigorous proposal has been formulated. The next step entails establishing communication and actively involving the aforementioned stakeholders as well as key actors and present the design ideas. By achieving this initial milestone, Mouraria can then progress towards becoming a well-connected neighborhood in the foreseeable future.

MUNICIPAL INTERVENTION AREAS



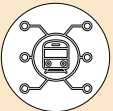
waste management



land management (urban planning)



water management



transport and mobility



green infrastructure

#### RESPONSIBILITIES:

**Project management team:** Overall project management and coordination. **Urban planners and landscape architects:** Design reclaimed parking spots and green infrastructure. **Civil engineers:** Assess technical feasibility and conduct soil analysis. **Waste management professionals:** Design waste disposal facilities. **Tuk tuk drivers and community:** Collaborate in repurposing and operation of tuk tuk transportation system. **City officials:** Approve permits and ensure compliance. **Construction and maintenance contractors:** Implement infrastructure and ensure maintenance. **Local Residents and business owners:** Active participation, providing feedback, and utilizing the newly developed spaces.

#### COMPLIANCE:

Adhere to planning rules, building codes, and environmental regulations. The project process should always be managed in consideration of local residents and businesses, ensuring strict adherence to their needs and requirements.

#### TECHNICAL CHALLENGES:

Address feasibility of underground waste disposal, soil analysis for bioswales, tuk tuk modifications, and compliance with safety standards. Engage with local experts to design suitable solutions and ensure compliance.

#### STAKEHOLDERS & KEY ACTORS

Local residents = LR  
Business owners = BO  
City officials = CO  
Project management Team = PMT

Stakeholder representatives = SR  
Urban planning department = UPD  
Waste management department = WMD  
Landscape architecture department = LAD  
Mobility department = MD  
Tuk tuk drivers = TTD  
Community organizations = CO  
Community associations = CA

Local government = LG  
Architecture department = AD  
Community representatives = CR  
Civil engineers = CE  
Construction companies = CC  
Municipal authorities = MA  
Environmental agencies = EA  
Contractors = C

#### PHASE 1

*Planning and Stakeholder Engagement:* Timeframe: 3 months  
Budget ≈ 100 000 EUR



- a. Conduct a study to analyze parking demand and identify suitable locations for reclamation.
- b. Conduct a study to analyze possible compensation measurements for the reclaimed parking spots.
- c. Engage with stakeholders (residents, businesses, city officials) to gather input and ensure buy-in.

#### PHASE 2

*Design and Technical challenges:* Timeframe: 6 months  
Budget ≈ 250 000 EUR



- a. Address technical challenges, such as underground waste disposal feasibility and tuk tuk modifications.
- b. Develop detailed plans for reclaimed parking spots, incorporating bike infrastructure, bioswales, parklets, waste disposal facilities, and tuk tuk stops.

#### PHASE 3

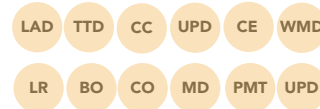
*Pilot Project and Infrastructure Development:* Timeframe: 12 months  
Budget ≈ 1 500 000 EUR



- a. Select a pilot area and reclaim a subset of parking spots for implementation.
- b. Repurpose tuk tuks and develop a scheduling system for the pilot tuk tuk transportation service.
- c. Install necessary waste disposal facilities, both underground and above-ground.
- d. Gradually expand the tuk tuk transportation system to other neighborhoods in Lisbon (e.g. Alfama, Graça).

#### PHASE 4

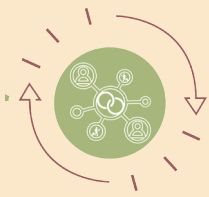
*Evaluation and Expansion:* Timeframe: 30 months  
Budget ≈ 2 500 000 EUR



- a. Evaluate the pilot project's success and make necessary adjustments.
- b. Develop a network of parking houses throughout Mouraria to compensate for the reclaimed parking spots.
- c. Reclaim the remaining parking spots in Mouraria.



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# B

## LOCAL NEIGHBOURHOOD

### with HERITAGE to SUSTAINABILITY

A comprehensive analysis of the prevailing circumstances and distinct social characteristics in Mouraria, coupled with the consideration of numerous strengths and opportunities, has led to a sensitive design approach that respects the neighborhood's rich culture and historical fabric. The proposal aligns with planning rules and regulations and offers manifold advantages and opportunities, such as creating a variety of citizen-engaging bottom-up projects. In this regard, it is crucial to engage with local authorities and specialists, present the design ideas, and participate in productive discussions to establish the first milestone towards transforming Mouraria into a green and thriving neighborhood that aligns with our shared aspirations.

#### MUNICIPAL INTERVENTION AREAS



local production of renewable energy



waste management



built environment



land management (urban planning)



security of people and goods



water management



green infrastructure

#### Responsibilities:

**Project Management Team:** Overall coordination, management, and progress monitoring of the project. **Interdisciplinary Team:** Design development, compliance with planning rules, and sustainable practices. **Construction Companies and Contractors:** Renovation and construction activities, waste management, and quality assurance. **Local Government Authorities:** Permitting, compliance with regulations, and providing support and guidance. **Community Organizations and Associations:** Community engagement, integration, and resource coordination. **Local Residents:** Active participation, providing feedback, and utilizing the newly developed spaces.

#### Compliance:

Thoroughly understanding and adhering to planning rules, regulations, and zoning requirements throughout the project. Working closely with local government authorities to obtain the necessary permits and approvals. Addressing any concerns or objections raised during the permitting process. The project process should always be managed in consideration of local residents and businesses, ensuring strict adherence to their needs and requirements.

#### Technical Challenges:

Addressing structural issues and ensuring the improvement of building integrity during renovations. Implementing sustainable design practices, such as incorporating solar panels and energy-efficient systems. Waste management and the reuse of materials from previous interventions. Integrating the necessary infrastructure for mobility, utilities, and connectivity.

#### PHASE 1

*Preparatory Stage:* Timeframe: 6 months  
Budget ≈ 100 000 EUR



- a. engage with key stakeholders, such as local residents, businesses, community organizations, local government, and urban planners.
- b. Establish a interdisciplinary project management team consisting of urban planners, architects, engineers, and community representatives.
- c. Conduct feasibility studies to evaluate technical challenges and potential solutions of the proposed design.
- d. Implement small interventions and ensure meanwhile use through local initiatives and bottom up projects.
- e. Begin a public consultation process to gather input and feedback from the local community.

#### PHASE 2

*Design and Planning:* Timeframe: 6 months  
Budget ≈ 300 000 EUR



- a. create co-governance structure, collaborate interdisciplinary and develop detailed execution plans for the 10 intervention areas. An architect request for proposal (RFP) is possible.
- b. Assess the condition of the 36 existing buildings stated for renovation and develop detailed renovation plans accordingly.
- d. Develop a detailed budget estimate based on the execution plans, including costs for renovations, new constructions, and sustainable initiatives.
- e. Continuously engage with the local community through workshops and meetings to ensure that their needs and preferences are incorporated into the design plans.

#### PHASE 3

*Permitting and Approval:* Timeframe: 3 months  
Budget ≈ 50 000 EUR



- a. Prepare and submit all necessary applications for permits and approvals required for the renovation and construction activities.
- b. Work closely with local government authorities to ensure compliance with planning rules and regulations.
- d. Address any potential concerns or objections raised by stakeholders or community members during the permitting process.
- e. Obtain all necessary permits and approvals before proceeding to the next phase.

#### PHASE 4

*Renovation and Construction:* Timeframe: 30 months  
Budget ≈ 8 000 000 EUR



- a. Initiate the renovation process for the 36 identified buildings, focusing on improving their structural integrity, energy efficiency, and aesthetic appeal.
- b. Ensure the reuse of materials from the interventions of the previous strategy.
- c. Begin construction of the 14 new buildings, adhering to the approved execution plans.
- d. Monitor the progress of the renovation and construction activities to ensure quality and timely completion.
- e. Implement sustainable initiatives, such as installing solar panels, during the renovation and construction activities.
- f. Regularly communicate with the local community to provide updates and address any concerns that may arise during this phase.

#### PHASE 5

*Community Integration and Services:* Timeframe: ongoing  
Budget ≈ 1 550 000 EUR



- a. Encourage local community engagement and participation in the development and maintenance of the newly created spaces.
- b. Facilitate the establishment of local housing initiatives and funds to support affordable housing options for residents.
- c. Promote the installation of solar panels through general incentives for locals, making it more rentable for them to invest in renewable energy.
- d. Coordinate with local organizations to provide necessary services and resources in the newly developed spaces, such as community events, educational programs, and cultural activities.
- e. Regularly evaluate and monitor the impact of the implemented strategy on the community and make necessary adjustments to ensure its effectiveness.