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.
**PHASE 1**

**Planning and Stakeholder Engagement**
- Timeframe: 3 months
- Budget: €100,000

- Conduct a study to analyze parking demand and identify suitable locations for reclamation.

**PHASE 2**

**Design and Technical Challenges**
- Timeframe: 6 months
- Budget: €250,000

- Address technical challenges, such as underground waste disposal feasibility and tuk tuk modifications.

**PHASE 3**

**Pilot Project and Infrastructure Development**
- Timeframe: 12 months
- Budget: €1,500,000

- Select a pilot area and reclaim a subset of parking spots for implementation.

**PHASE 4**

**Evaluation and Expansion**
- Timeframe: 30 months
- Budget: €2,500,000

- Evaluate the pilot project’s success and make necessary adjustments.

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**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

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**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.

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**COMPLIANCE:**

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

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**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.
**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 an 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.

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**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. Develop a detailed budget estimate based on the execution plans, including costs for renovations, new constructions, and sustainable initiatives.
- c. Address any potential concerns or objections raised by stakeholders or community members during the permitting process.
- d. Address any potential concerns or objections raised by stakeholders or community members during the permitting process.
- e. Continuously engage with the local community through workshops and meetings to ensure that their needs and preferences are incorporated into the design plans.

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**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.
- c. Begin construction of the 14 new buildings, adhering to the approved execution plans.
- 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.

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**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. Regulate communicate with the local community to provide updates and address any concerns that may arise during this phase.

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**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.

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**NEIGHBOURHOOD**

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.