

PhD Open Days



The Potential of Social Innovation to create Resilience Capacity in Urban Communities

PHD PROGRAM IN ENGINEERING AND MANAGEMENT

JOANA FERNANDES DIAS (joanafmdias@tecnico.ulisboa.pt)

AIM Investigate how Social Innovation (SI) can be a tool to build resilience in urban communities

Research Objectives

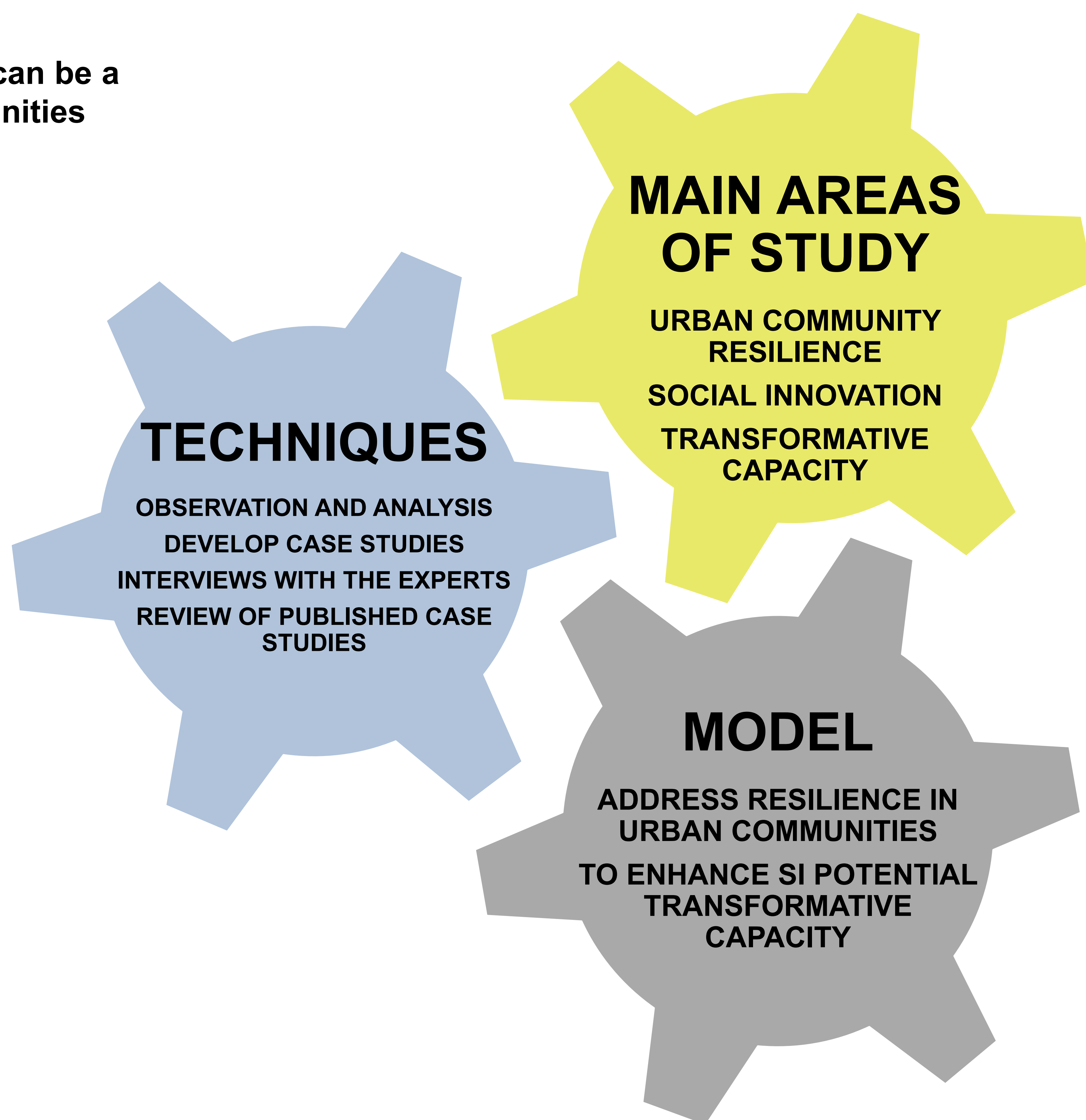
- **RO1:** Contribute to a broader understanding of the concepts of urban community resilience and of social innovation (SI)
- **RO2:** Explore the potential of SI in the creation of resilient urban communities
- **RO3:** Develop a model that may enhance the potential of SI transformative capacity, increasing resilience in urban communities

Research Gaps

- **RG1:** Unexplored concept of **URBAN COMMUNITY RESILIENCE**
- **RG2:** Lack of common understanding about **SOCIAL INNOVATION**
- **RG3:** Lack of understanding of the SI regarding **INDIVIDUALS AND SOCIETY TRANSFORMATIVE CAPACITY**
- **RG4:** Unexplored **LINKAGE BETWEEN URBAN RESILIENCE AND SI**

Research Questions

- **RQ1:** Can we increase the resilience of urban communities?
- **RQ2:** What is the contribution of social innovation (SI) to the increase of resilience capacity in urban communities?
- **RQ3:** How can we enable the potential of SI transformative capacity?



PHASES AND RESPECTIVE TASKS

1

RESEARCH DESIGN

NOW

2

IDENTIFY THE SI ELEMENTS BASED ON LITERATURE REVIEW

- Explore literature and scientific knowledge
- Explore concepts and their linkages
- Identify methodologies and methods
- Identify case studies examples
- Identify the SI elements

3

CHARACTERIZE AND ANALYSE THE SI ELEMENTS BASED ON PUBLISHED CASE STUDIES

- Characterize the SI elements
- Analyse and compare published cases
- Develop interviews with practitioners / experts
- Revise the SI elements
- Gather more information

4

DEVELOP AND APPLY THE MODEL

- Develop the model
- Apply to two or more case studies – urban communities in Lisbon Metropolitan Area with different characteristics
- Test and readjust the model

5

FINAL RESEARCH ARGUMENT AND CONCLUSION

- Contribution to the advance of the scientific knowledge of these fields
- Conclusions