POLITECNICO DI MILANO

PhD in SCIENCE, TECHNOLOGY AND POLICY FOR SUSTAINABLE CHANGE - 39th cycle

THEMATIC Research Field: DESIGN FOR SOCIAL INNOVATION & CLIMATE NEUTRALITY IN THE PUBLIC SECTOR

Monthly net income of PhDscholarship (max 36 months)
€ 1400.0 In case of a change of the welfare rates during the three-year period, the amount could be modified.

Context of the research activity	
Motivation and objectives of the research in this field	The complex grand challenges of our time require multi-disciplinary knowledge and systemic innovation beyond top-down approaches. Design research can provide a relevant contribution for supporting the urgently needed societal changes toward sustainability, through systemic innovation toward climate neutrality. The ability to support inclusive and sustainable behaviour in public administration at urban or regional level, is based on understanding and crafting a theory of change that can lead to aimed outcomes. The support and assessment of rapid experimentation cycles and scaling of innovative social practices in urban context is a crucial and yet rather unexplored research domain. Such research can contribute to the New European Bauhaus – the interdisciplinary initiative connecting the European Green Deal to living spaces and experiences – as well as to the 2030 Agenda for Sustainable Development, in particular to climate action (SDG 13), by promoting sustainable cities and communities (SDG 11) and responsible consumption (SDG 12), through partnerships (SDG 17) with the final goal to increase health and wellbeing for all (SDG 3).
Methods and techniques that will be developed and used to carry out the research	Design is increasingly valued for its transformative role in promoting systemic change to socio-cultural systems. Departing from technological solutions and top-down policymaking, designing systemic change requires the involvement of networks of actors and the ability to learn

	involvement of networks of actors and the ability to learn from experimentation through appropriate and relevant assessment methodologies. Building on Design Science, the research will deploy quantitative and mixed methodologies.
Educational objectives	After completing the Ph.D. program the candidate will have acquire autonomy in conducting solid scientific research, from theorizing to theory testing through a range of suitable methodologies in design research, including qualitative and quantitative research methods. The candidate will be able to autonomously develop rigorous and relevant scientific publications.
Job opportunities	Opportunities of professional careers include academia, the public sector, urban public administrations and consulting in design for sustainability.
Composition of the research group	2 Full Professors 2 Associated Professors 4 Assistant Professors 1 PhD Students
Name of the research directors	Francesca Rizzo / Sabrina Bresciani

Contacts
francesca.rizzo@polimi.it sabrina.bresciani@polimi.it

Additional support - Financial aid per PhD student per year (gross amount)	
Housing - Foreign Students	--
Housing - Out-of-town residents (more than 80Km out of Milano)	--

Scholarship Increase for a period abroad	
Amount monthly	700.0 €
By number of months	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information
educational activity: purchase of study books and material, funding for participation in courses, summer schools, workshops and conferences (euros: 5707,20)

teaching assistantship: Assistantship at the courses of the Design School

computer availability: on request

desk availability: at the Design Department