

PhD in Urban and Regional Development

Research Title: City and Production

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| Funded by | Politecnico di Torino |
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| Context of the research activity | <p>JOINT PROJECT WITH EPFL (ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE)</p> <p>Period held at EPFL : 18 months</p> <p>Current production modes pose new issues to the project design and public action. These should meet new requirements by being able to transform a vast spatial, infrastructural and natural capital. The research aims at advancing the related disciplinary knowledge and the information about new forms of public action. It mainly focuses on the infrastructure schemes in urban lands, intended as a spatial and technological basic condition able to cope with different production scenarios in the urban space. The goal is to redefine those tools, forms of regulation and design, that can support effective public actions in the territories with such coexistence and conflicts between urban and production activities.</p> <p>To this extend, the project develops on four intersecting levels:</p> <ol style="list-style-type: none">1. design explorations on selected European areas (i.e. Limburg, Aubervilliers, Lausanne, Turin, Prato, Bruxelles) with the involvement of social and institutional actors (i.e. TNE-Turin and Metrolab.brussels);2. the production of scientific reports;3. public discussion;4. educational activities. <p>Each level identifies specific goals, actions and outcomes.</p> |
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| Objectives | <p>The goal of the research is to redefine tools, forms of regulation and land designs that can support effective public actions in urban areas affected by production sites. The research will last three years (36 months). In this period, four levels of actions are developed:</p> <ol style="list-style-type: none"> 1. <i>workshops within the social and institutional partners</i>, helping to define regulatory and planning tools of intervention (TNE in Turin is an institutional partnership of a research grant at the Politecnico di Torino; Metrolab Brussels is another institutional partner); 2. <i>production of scientific reports</i>; 3. <i>public discussion platforms</i> (i.e. proposed conferences and workshops); 4. <i>educational activities</i>. <p>A defined outcome is assigned to each level:</p> <ol style="list-style-type: none"> 1. development of regulatory and planning devices related to the areas of work/outcome: projects developed with the relevant stakeholders; 2. Publication activities: <ul style="list-style-type: none"> - at least three joint papers and essays in A class international journals (i.e. Urban Studies, Sustainability, Territorio, Archivio di Studi Urbani e Regionali) - an international volume <i>City and Production</i>, Polito-EPFL (i.e. <i>Territories in Crisis</i>, ed. Jovis Berlin, 2015, INTE 2015 main outcome); 3. hypothesis testing and results presentation: participation in international prestigious conferences (i.e. International Symposium <i>Urbanism of Hope</i>, Lausanne, October 2018; Annual Methodological Seminar to be held at the centre Habitat-Epfl, in March 2019 – P. Viganò is coordinator of the centre Habitat – ; International Seminar C&P, Turin, Polito-EPFL, September 2020) and publications on ISI and A Class reviews. 4. Educational activities: implement knowledge transfer and outcomes dissemination via <ul style="list-style-type: none"> - Doctoral Seminar to be held at EPFL in December 2017 - Excellence course to be held at SCUDO (Politecnico di Torino's PhD school, in April 2018); - Masterclass at Politecnico di Torino in June 2019 (i.e. <i>Reindustrializing Europe</i>, luav, June 2016, forthcoming in Territorio A class Journal) |
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| Skills and competencies for the development of the activity | <p>Proved research activities in the field of urban and / or industrial planning and project</p> |
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