

INCLUSIVE CITIES AND REGIONS *TERRITOIRES INCLUSIFS*

14° Biennale of European Towns and Town Planners, Naples

Edited by
Marichela Sepe

#Parallel Workshop



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Creating our futures

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European Council of Spatial Planners
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**14th BIENNALE
OF EUROPEAN TOWNS
AND TOWN PLANNERS
NAPOLI**

Inclusive cities and regions/Territoires inclusifs

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7. New economic approaches, such as the circular economy

Coordinator

Luc-Émile Bouche-Florin

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Inclusive approaches for circular soil management and territorial restoration in marginalized areas

*Elena Ferraioli**

In the current global context, characterized by growing inequalities, spatial and social segregation, scarcity of natural resources, and climate and environmental crises, a radical change in land use and land consumption practices is necessary. From the late XIXth century, the impacts of linear progress in contemporary cities have been evident, including the gradual degradation of fertile soils and the abandonment of specific urban contexts. During this timeframe, cities began to blur their boundaries, presenting themselves as fluid, chaotic entities without a clear and defined form. As a result of this type of growth, contemporary cities now appear as a “confused mix of heterogeneous fragments” (Secchi, 2000) that are difficult to understand.

The recognized limits of unlimited urban growth dynamics and the increasing scarcity of environmental resources in ecological systems, both globally and locally, together with the culture of human domination over the natural environment, have gradually led to the disruption of relationships of co-evolution and the possible synergistic and “circular” balances between urban centers, suburban and rural areas. This mode of growth is causing losses and demonstrating that the presence or absence of spatial resources can strongly influence the structure (and typology) of urban landscapes in contemporary cities. These landscapes are closely related to the types of available soils, whether they are virgin and fertile, polluted, or associated with disused, underutilized, or inaccessible buildings, resulting in the creation of suspended contexts, attributable to “middle grounds” (Russo, 2012). They represent different types of landscapes defined as “waste landscapes”, abandoned territories characterized by conditions of marginality, spatial inequality, contamination, separation, and exclusion.

According to demographic growth, densification, and intensive urbanization of developed areas, and the perpetuation of linear metabolisms and economies, there is a growing need to initiate more circular, sustainable, and inclusive structured (and

structural) processes of territorial regeneration. A complete rethinking of the traditional linear urban development model, historically predominant in city expansion, is essential, as it currently shows clear limitations in terms of urban sustainability and resilience (Glaeser, 2011). In response to this need for change, the concept of adaptive reuse of urban and peri-urban spaces emerges as a territorial paradigm strongly linked to circularity. Adaptive reuse presents itself as a key proposal to overcome the limitations and inertia inherited from the past. This innovative approach extends beyond a single scale, with site-specific perspectives and projects, aiming to tackle urban challenges at various levels from local to regional (Ravetz, 2020). Through this multi-scale perspective, adaptive reuse is not just about occupying existing spaces, but incorporates the idea of a “circularity” of land use, promoted through the development of regenerative design approaches and the recovery of marginal areas.

Therefore, it is essential to move beyond the traditional concept of recycling, which is more easily associated with material waste categories, and consider residual spaces in contemporary territories as a specific type of waste requiring a different process, not just recycling but authentic reuse. The approach of adaptive reuse for waste landscapes, considered as new expressions of urban waste, emerges as a powerful model to restore their lost identity, contributing to returning new (public and private) places to communities. Despite the importance of this approach in the contemporary planning landscape, there is still no widely accepted definition of such spaces in scientific literature. Currently, the concept is experimental and not yet based on uniform definitions. Identifying these landscapes as resources for adaptive reuse in urbanized areas still requires a prior understanding of their intrinsic values. It is also essential to recognize the possible implications of their reuse and/or recycling for urban and territorial planning activities and processes. While the debate on territorial regeneration has long been neglected, there is now a growing interest for experimentation and research in this field. This interest particularly focuses on unused spaces, often characterized by

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Fig. 1.
Making Land Circular
 (Amenta, van Timmeren,
 2018)

closure, interstitiality, or abandonment, which attract urban planners for their potential transformability within the territorial context (Formato and Russo, 2014).

From the outlined context, it emerges how the challenges related to resource scarcity, environmental issues, and socioeconomic dilemmas are closely intertwined in contemporary urban contexts. Spatial arrangements, infrastructures, and territorial connections in these territories can present complexities that are difficult to address in an era where resources (especially economic resources) are limited. It should be emphasized that current environmental issues reflect a historical problematic relationship between communities and natural systems. The inadequate management of limits and biodiversity in our ecosystems is another element to consider, as it has generated and continues to cause a global environmental crisis. Therefore, similarly to how material and resource flows, including waste, are conceived and managed, the land, in a circular management perspective, can become an enabling factor for inclusive and ecological territorial restoration interventions in wasted territories.

